Realtek Semiconductor Corp. High Definition Audio System Software Ver: R2.83

Installation and Setup

Driver Installation/Removal Procedure For Realtek High Definition Audio Codec:

<<< For Windows 2000, XP, Vista, Windows7, Windows 8, Windows 8.1, Windows 10 x86/x64 Driver >>>

Setup Driver at first time:

Windows 2000 , XP :

Step 1. Before installing the Realtek High Definition Audio Driver, Press the [Cancel] button if Windows detect the Multimedia Audio device.

Step 2. Run the setup.exe program to start the installation.

Step 3. Click on [Next] to continue the procedure. If the screen resolution is lower than 1024*768,press [Yes] to continue the installation. If the Windows popup "Digital Signature Not Found" message, press [Yes] to continue the installation.

Step 4. Finally, select to restart the system and press [Finish] to complete the installation.

Windows Vista, Windows7, Windows 8, Windows 8.1, Windows 10 :

Step 1. Run the setup.exe program to start the installation.

Step 2. Click on [Next] to continue the procedure. If the screen resolution is lower than 1024*768,press [Yes] to continue the installation. If the Windows popup "Windows can't verify the publisher of this driver software" message, press "Install this driver software anyway" to continue the installation.

Step 3. Finally, select to restart the system and press [Finish] to complete the installation.

Manual driver install by INF :

Step 1. Go to "Control Panel”and select "Hardware and Sound".
Step 2. Select "Device Manager" on Devices and Printers
Step 3. Right click on the "High Definition Audio Device" of Device Manager and select "Update Driver Software" on pop up menu.
Step 4. Select "Browse my computer for driver software" option.
Step 5. Browse Realtek Audio driver location and press "Next" button.

Step 6. Installing Realtek Audio driver.
Step 7. Windows has finished installing the Realtek audio driver.

Update Driver:

Windows 2000 , XP :
Step 1. Follow Step 2,3,4 described in [Setup at first time] above to complete the procedure.

Windows Vista, Windows7, Windows 8, Windows 8.1, Windows 10 :
Step 1. Run setup.exe, it will remove the original driver in your system.

Step 2. Click "Next" to remove the original audio driver in your system.

Step 3. Once after the original driver removed , reboot the computer.

Step 4. It will install audio driver automatically after computer restarted.

Remove Driver:

Windows 2000 , XP :
Step 1. Go to Start\Settings\Control Panel.

Step 2. Select [Add or Remove Programs] icon.

Step 3. Select "Realtek High Definition Audio Driver" and press [Remove] button.

Step 4. Click on [Yes] to finish the uninstallation.

Step 5. At the end of the procedure, select to restart the system and press [Finish] to complete the uninstallation.

Windows Vista, Windows7 :
Step 1. Go to Start\Control Panel.

Step 2. Select [Programs] icon.

Step 3. Select [Programs and Features] icon.

Step 4. Select "Realtek High Definition Audio Driver" and press [uninstall] button.

Step 5. Click on [Yes] to finish the uninstallation.

Step 6. At the end of the procedure, select to restart the system and press [Finish] to complete the uninstallation.

Windows 8, Windows 8.1, Windows 10 :
Step 1. Go to Apps.

Step 2. Select "Control Panel" in "Windows System"

Step 3. Select [Programs and Features] icon.

Step 4. Select "Realtek High Definition Audio Driver" and press [uninstall] button.

Step 5. Click on [Yes] to finish the uninstallation.

Step 6. At the end of the procedure, select to restart the system and press [Finish] to complete the uninstallation.

Driver uninstall in Device Manager :

Step 1. Go to "Control Panel”and select "Hardware and Sound".
Step 2. Select "Device Manager" on Devices and Printers
Step 3. Right click on the "Realtek High Definition Audio" of Device Manager and select "Uninstall" on pop up menu.
Step 4. Select the option "Delete the driver software for this device" and press "OK" button on dialog "Confirm Device Uninstall".
Step 5. Reboot system.

<< Other Information >>

Silent Installation:

Run "Setup.exe /s /f2<path\LogFile> /z[-rp<path\LogFile>]"
e.g. setup.exe /s /f2c:\mylog.log /z[-rpC:\RHDSetup.log]

Silent Uninstallation:

Run "Setup.exe /removeonly /s /f1<path\USetup.iss> /f2<path\LogFile> /z[-rp<path\LogFile>]"
e.g. setup.exe /removeonly /s /f1C:\AudioDriver\USetup.iss /f2c:\mylog.log /z[-rpC:\RHDSetup.log]

Note: 1. Please update Directx version to DirectX8.1 or above.

Version Information:

If driver package include below drivers :
Vista, Win7, Win8, Win8.1, Win10 :

Vista, Win7, Win8, Win8.1, Win10 driver for x86
RTKVHDA.sys : 6.0.1.8186
AERTSrv.exe : 1.0.32.10
CreateRtkToastLnk.exe : 1.0.0.1

CXAPOAgent.exe : 1.1.0.0
DTSAudioService.exe : 1.0.0.0
DTSU2PAuSrv32.exe : 2.1.1.0
EP.exe : 1.0.0.3
FMAPP.exe : 1.32.0.12
MaxxAudioMeters.exe : 4.1.8.0
RtHDVBg.exe : 1.0.0.276
RtHDVCpl.exe : 1.0.0.1097
RtkAudioService.exe : 1.0.0.85
RtkNGUI.exe : 1.0.708.0
RtlUpd.exe : 3.0.0.7
vncutil.exe : 1.0.0.45
mbfilt32.sys : 6.10.0.8
RTSndMgr.cpl : 1.0.0.62
AERTACap.dll : 2.12.32.0
AERTARen.dll : 1.0.32.11
AudioLibW10.dll : 1.0.2.0
BlackBlueSkinImages.dll : 1.0.645.0
BlackSkinImages.dll : 1.0.645.0
Caf32api.dll : 3.0.0.1
Caf32APO2.dll : 2.51.0.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.74.0.0
CX32Proxy.dll : 1.2.0.0
DarkSkinImages.dll : 1.0.645.0
DAX3APOProp.dll : 1.1.3.10
DAX3APOv251.dll : 1.1.3.10
DDPA32.dll : 7.6.5.1
DDPD32A.dll : 7.6.5.1
DDPO32A.dll : 7.6.5.1
DDPP32A.dll : 7.6.5.1
DolbyDAX2APOProp.dll : 0.8.0.32
DolbyDAX2APOv201.dll : 0.8.0.32
DolbyDAX2APOv211.dll : 0.8.0.32
DolbyDAX2APOvlldp.dll : 1.6.0.47
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.1.1.0
DTSU2PLFX32.dll : 2.1.1.0
DTSU2PREC32.dll : 2.1.1.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 80.5.3.66
FMAPP.dll : 1.32.0.1
GrayJadeSkinImages.dll : 1.0.645.0

HarmanAudioInterface.dll : 1.2.0.0
HiFiDAX2API.dll : 0.8.0.74
HiFiDAX2APIPCLL.dll : 1.6.0.47
HMAPO.dll : 6.3.9600.17246
HMClariFi.dll : 1.4.0.0
HMEQ.dll : 1.4.0.0
HMEQ_Voice.dll : 1.4.0.0
HMHVS.dll : 1.4.0.0
HMLimiter.dll : 1.4.0.0
HMUI.dll : 1.4.0.0
ICEsoundAPO.dll : 1.0.0.29
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.5.8.0
MaxxAudioAPO50.dll : 5.6.5.0
MaxxAudioAPO60.dll : 6.1.17.0
MaxxAudioAPO70.dll : 7.0.24.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioCapture.dll : 4.5.4.0
MaxxAudioEQ.dll : 4.1.1.0
MaxxAudioRealtek.dll : 4.4.10.0
MaxxAudioRender.dll : 7.5.5.0
MaxxAudioRenderAVX.dll : 7.5.5.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxVoiceAPO20.dll : 2.6.2.0
MaxxVoiceAPO30.dll : 3.1.14.0
MaxxVoiceAPO40.dll : 4.0.19.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.65.10
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17246
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.17246
NAHIMICV3apo.dll : 6.3.9600.17336
OrangeBlackSkinImages.dll : 1.0.645.0
PremiumBlack2SkinImages.dll : 1.0.645.0
PremiumBlackSkinImages.dll : 1.0.645.0
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RltkAPO.dll : 11.0.6000.572
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.187

RtDataProc.dll : 1.0.0.17
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkApoApi.dll : 1.0.1.92
RtkCfg.dll : 1.0.0.7
RtkCoInstII.dll : 2.3.5.9
RtkCoLDR.dll : 1.0.0.1
RtkPgExt.dll : 6.0.6000.351
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SEAPO32.dll : 2.0.7.48
SECOMN32.dll : 2.0.7.48
SEHDHF32.dll : 2.0.7.48
SEHDRA32.dll : 2.0.7.48
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.5.14.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.5.14.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.5.14.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRAPO.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRRPTR.dll : 4.0.0.59
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.2.0
tbb_waves.dll : 4.4.2015.728
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.2
tosade.dll : 1.0.1.12

tosasfapo32.dll : 2.1.1.0
toseaeapo32.dll : 2.1.0.0
tossaeapo32.dll : 2.1.1.0
tossaemaxapo32.dll : 1.1.2.0
WavesGUILib.dll : 4.4.5.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.645.0
RCORES.dat : 1.5.6.9

Vista, Win7, Win8, Win8.1, Win10 driver for x64
RTKVHD64.sys : 6.0.1.8186
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
CXAPOAgent64.exe : 1.1.0.0
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
EP64.exe : 1.0.0.3
FMAPP.exe : 1.64.0.12
ICEsoundService.exe : 1.0.0.26
MaxxAudioMeters64.exe : 4.1.8.0
RAVBg64.exe : 1.0.0.276
RAVCpl64.exe : 1.0.0.1098
RtkAudioService64.exe : 1.0.0.85
RtkNGUI64.exe : 1.0.708.0
RtlUpd64.exe : 3.0.0.7
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.62
AERTAC64.dll : 2.12.64.0
AERTAR64.dll : 1.0.64.11
AudioLibW1064.dll : 1.0.2.0
AudysseyEfx.dll : 1.0.0.30
BlackBlueSkinImages64.dll : 1.0.645.0
BlackJadeSkinImages64.dll : 1.0.461.0
BlackSkinImages64.dll : 1.0.645.0
Caf64api.dll : 3.0.0.1
CAF64APO2.dll : 2.51.0.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.74.0.0
CX64APO.dll : 1.74.0.0
CX64Proxy.dll : 1.2.0.0
DarkSkinImages64.dll : 1.0.645.0
DAX3APOProp.dll : 1.1.3.10
DAX3APOv251.dll : 1.1.3.10
DDPA64.dll : 7.6.5.1
DDPA64F3.dll : 7.6.7.2
DDPD64A.dll : 7.6.5.1
DDPD64AF3.dll : 7.6.7.2
DDPO64A.dll : 7.6.5.1
DDPO64AF3.dll : 7.6.7.2
DDPP64A.dll : 7.6.5.1
DDPP64AF3.dll : 7.6.7.2

DolbyDAX2APOProp.dll : 0.8.0.32
DolbyDAX2APOv201.dll : 0.8.0.32
DolbyDAX2APOv211.dll : 0.8.0.32
DolbyDAX2APOvlldp.dll : 1.6.0.47
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 80.6.3.66
FMAPP.dll : 1.64.0.1
FM_Speech_PP64.dll : 80.16.100.125
GrayJadeSkinImages64.dll : 1.0.645.0
HarmanAudioInterface.dll : 1.2.0.0
HiFiDAX2API.dll : 0.8.0.74
HiFiDAX2APIPCLL.dll : 1.6.0.47
HMAPO.dll : 6.3.9600.17336
HMClariFi.dll : 1.4.0.0
HMEQ.dll : 1.4.0.0
HMEQ_Voice.dll : 1.4.0.0
HMHVS.dll : 1.4.0.0
HMLimiter.dll : 1.4.0.0
HMUI.dll : 1.4.0.0
ICEsoundAPO64.dll : 1.0.0.29
IntelSSTAPO.dll : 1.1.37.0
IntelSstCApoPropPage.dll : 1.1.37.0
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.5.8.0
MaxxAudioAPO5064.dll : 5.6.5.0
MaxxAudioAPO6064.dll : 6.1.17.0
MaxxAudioAPO7064.dll : 7.0.24.0
MaxxAudioAPOShell64.dll : 4.10.8.0
MaxxAudioCapture64.dll : 4.5.4.0
MaxxAudioEQ64.dll : 4.1.1.0
MaxxAudioRealtek64.dll : 4.4.10.0
MaxxAudioRender64.dll : 7.5.5.0
MaxxAudioRenderAVX64.dll : 7.5.5.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxSpeechAPO64.dll : 1.1.4.0
MaxxVoiceAPO2064.dll : 2.6.2.0

MaxxVoiceAPO30.dll : 3.1.14.0
MaxxVoiceAPO3064.dll : 3.1.14.0
MaxxVoiceAPO4064.dll : 4.0.19.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.65.10
MBAPO264.dll : 1.2.65.10
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17246
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.17246
NAHIMICV3apo.dll : 6.3.9600.17336
OrangeBlackSkinImages64.dll : 1.0.645.0
PremiumBlack2SkinImages64.dll : 1.0.645.0
PremiumBlackSkinImages64.dll : 1.0.645.0
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.3.5.9
RltkAPO.dll : 11.0.6000.572
RltkAPO64.dll : 11.0.6000.572
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.187
RTCOMDLL.dll : 2.0.0.187
RtDataProc.dll : 1.0.0.17
RtDataProc64.dll : 1.0.0.17
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.1.92
RtkCfg.dll : 1.0.0.6
RtkCfg64.dll : 1.0.0.7
RtkCoLDR64.dll : 1.0.0.1
RtkWovApi.dll : 1.0.0.9
RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.351
SEAPO32.dll : 2.0.7.48
SEAPO64.dll : 2.0.7.48
SECOMN32.dll : 2.0.7.48
SECOMN64.dll : 2.0.7.48
SEHDHF32.dll : 2.0.7.48

SEHDHF64.dll : 2.0.7.48
SEHDRA32.dll : 2.0.7.48
SEHDRA64.dll : 2.0.7.48
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.6.0.7270
sl3apo64.dll : 3.5.14.0
slcc3d64.dll : 1.0.0.100
slcnt64.dll : 3.5.14.0
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
slprp64.dll : 1.0.0.1
sltech64.dll : 3.5.14.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.24.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0
SRAPO64.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRCOM64.dll : 4.0.0.59
SRRPTR64.dll : 4.0.0.59
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo264.dll : 1.2.2.0
tbb_waves.dll : 4.4.2015.728
tepeqapo64.dll : 1.1.0.0
ToastDll64.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tosasfapo64.dll : 2.1.1.0
toseaeapo64.dll : 2.1.0.0
tossaeapo64.dll : 2.1.1.0
tossaemaxapo64.dll : 1.1.2.0
WavesGUILib64.dll : 4.4.5.0
WhiteJadeSkinImages64.dll : 1.0.645.0
YamahaAE.dll : 1.1.3.0
YamahaAE2.dll : 4.0.0.0
YamahaAE3.dll : 5.0.4.0
RCORES64.dat : 1.5.6.9

Driver Setup Program : 4.60

History:

Driver Package R2.83
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1, Windows 10 - x86/x64
    2. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Bug fix.

Vista, Win7, Win8, Win8.1, Win10 :

  Vista, Win7, Win8, Win8.1, Win10 driver for x86
  RTKVHDA.sys : 6.0.1.8186
  AERTSrv.exe : 1.0.32.10
  CreateRtkToastLnk.exe : 1.0.0.1
  CXAPOAgent.exe : 1.1.0.0
  DTSAudioService.exe : 1.0.0.0
  DTSU2PAuSrv32.exe : 2.1.1.0
  EP.exe : 1.0.0.3
  FMAPP.exe : 1.32.0.12
  MaxxAudioMeters.exe : 4.1.8.0
  RtHDVBg.exe : 1.0.0.276
  RtHDVCpl.exe : 1.0.0.1097
  RtkAudioService.exe : 1.0.0.85
  RtkNGUI.exe : 1.0.708.0
  RtlUpd.exe : 3.0.0.7
  vncutil.exe : 1.0.0.45
  mbfilt32.sys : 6.10.0.8
  RTSndMgr.cpl : 1.0.0.62
  AERTACap.dll : 2.12.32.0
  AERTARen.dll : 1.0.32.11
  AudioLibW10.dll : 1.0.2.0
  BlackBlueSkinImages.dll : 1.0.645.0
  BlackSkinImages.dll : 1.0.645.0
  Caf32api.dll : 3.0.0.1
  Caf32APO2.dll : 2.51.0.0
  CONEQMSAPO.dll : 1.0.0.19
  CONEQMSAPOGUILibrary.dll : 1.0.0.4
  CX32APO.dll : 1.74.0.0
  CX32Proxy.dll : 1.2.0.0
  DarkSkinImages.dll : 1.0.645.0
  DAX3APOProp.dll : 1.1.3.10
  DAX3APOv251.dll : 1.1.3.10
  DDPA32.dll : 7.6.5.1
  DDPD32A.dll : 7.6.5.1

DDPO32A.dll : 7.6.5.1
DDPP32A.dll : 7.6.5.1
DolbyDAX2APOProp.dll : 0.8.0.32
DolbyDAX2APOv201.dll : 0.8.0.32
DolbyDAX2APOv211.dll : 0.8.0.32
DolbyDAX2APOvlldp.dll : 1.6.0.47
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.1.1.0
DTSU2PLFX32.dll : 2.1.1.0
DTSU2PREC32.dll : 2.1.1.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 80.5.3.66
FMAPP.dll : 1.32.0.1
GrayJadeSkinImages.dll : 1.0.645.0
HarmanAudioInterface.dll : 1.2.0.0
HiFiDAX2API.dll : 0.8.0.74
HiFiDAX2APIPCLL.dll : 1.6.0.47
HMAPO.dll : 6.3.9600.17246
HMClariFi.dll : 1.4.0.0
HMEQ.dll : 1.4.0.0
HMEQ_Voice.dll : 1.4.0.0
HMHVS.dll : 1.4.0.0
HMLimiter.dll : 1.4.0.0
HMUI.dll : 1.4.0.0
ICEsoundAPO.dll : 1.0.0.29
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.5.8.0
MaxxAudioAPO50.dll : 5.6.5.0
MaxxAudioAPO60.dll : 6.1.17.0
MaxxAudioAPO70.dll : 7.0.24.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioCapture.dll : 4.5.4.0
MaxxAudioEQ.dll : 4.1.1.0
MaxxAudioRealtek.dll : 4.4.10.0
MaxxAudioRender.dll : 7.5.5.0
MaxxAudioRenderAVX.dll : 7.5.5.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxVoiceAPO20.dll : 2.6.2.0
MaxxVoiceAPO30.dll : 3.1.14.0
MaxxVoiceAPO40.dll : 4.0.19.0

MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.65.10
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17246
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.17246
NAHIMICV3apo.dll : 6.3.9600.17336
OrangeBlackSkinImages.dll : 1.0.645.0
PremiumBlack2SkinImages.dll : 1.0.645.0
PremiumBlackSkinImages.dll : 1.0.645.0
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RltkAPO.dll : 11.0.6000.572
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.187
RtDataProc.dll : 1.0.0.17
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkApoApi.dll : 1.0.1.92
RtkCfg.dll : 1.0.0.7
RtkCoInstII.dll : 2.3.5.9
RtkCoLDR.dll : 1.0.0.1
RtkPgExt.dll : 6.0.6000.351
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SEAPO32.dll : 2.0.7.48
SECOMN32.dll : 2.0.7.48
SEHDHF32.dll : 2.0.7.48
SEHDRA32.dll : 2.0.7.48
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.5.14.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.5.14.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0

slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.5.14.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRAPO.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRRPTR.dll : 4.0.0.59
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.2.0
tbb_waves.dll : 4.4.2015.728
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tosasfapo32.dll : 2.1.1.0
toseaeapo32.dll : 2.1.0.0
tossaeapo32.dll : 2.1.1.0
tossaemaxapo32.dll : 1.1.2.0
WavesGUILib.dll : 4.4.5.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.645.0
RCORES.dat : 1.5.6.9

Vista, Win7, Win8, Win8.1, Win10 driver for x64
RTKVHD64.sys : 6.0.1.8186
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
CXAPOAgent64.exe : 1.1.0.0
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
EP64.exe : 1.0.0.3
FMAPP.exe : 1.64.0.12
ICEsoundService.exe : 1.0.0.26
MaxxAudioMeters64.exe : 4.1.8.0
RAVBg64.exe : 1.0.0.276
RAVCpl64.exe : 1.0.0.1098
RtkAudioService64.exe : 1.0.0.85
RtkNGUI64.exe : 1.0.708.0
RtlUpd64.exe : 3.0.0.7
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.62
AERTAC64.dll : 2.12.64.0

AERTAR64.dll : 1.0.64.11
AudioLibW1064.dll : 1.0.2.0
AudysseyEfx.dll : 1.0.0.30
BlackBlueSkinImages64.dll : 1.0.645.0
BlackJadeSkinImages64.dll : 1.0.461.0
BlackSkinImages64.dll : 1.0.645.0
Caf64api.dll : 3.0.0.1
CAF64APO2.dll : 2.51.0.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.74.0.0
CX64APO.dll : 1.74.0.0
CX64Proxy.dll : 1.2.0.0
DarkSkinImages64.dll : 1.0.645.0
DAX3APOProp.dll : 1.1.3.10
DAX3APOv251.dll : 1.1.3.10
DDPA64.dll : 7.6.5.1
DDPA64F3.dll : 7.6.7.2
DDPD64A.dll : 7.6.5.1
DDPD64AF3.dll : 7.6.7.2
DDPO64A.dll : 7.6.5.1
DDPO64AF3.dll : 7.6.7.2
DDPP64A.dll : 7.6.5.1
DDPP64AF3.dll : 7.6.7.2
DolbyDAX2APOProp.dll : 0.8.0.32
DolbyDAX2APOv201.dll : 0.8.0.32
DolbyDAX2APOv211.dll : 0.8.0.32
DolbyDAX2APOvlldp.dll : 1.6.0.47
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 80.6.3.66
FMAPP.dll : 1.64.0.1
FM_Speech_PP64.dll : 80.16.100.125
GrayJadeSkinImages64.dll : 1.0.645.0
HarmanAudioInterface.dll : 1.2.0.0
HiFiDAX2API.dll : 0.8.0.74
HiFiDAX2APIPCLL.dll : 1.6.0.47
HMAPO.dll : 6.3.9600.17336
HMClariFi.dll : 1.4.0.0
HMEQ.dll : 1.4.0.0

HMEQ_Voice.dll : 1.4.0.0
HMHVS.dll : 1.4.0.0
HMLimiter.dll : 1.4.0.0
HMUI.dll : 1.4.0.0
ICEsoundAPO64.dll : 1.0.0.29
IntelSSTAPO.dll : 1.1.37.0
IntelSstCApoPropPage.dll : 1.1.37.0
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.5.8.0
MaxxAudioAPO5064.dll : 5.6.5.0
MaxxAudioAPO6064.dll : 6.1.17.0
MaxxAudioAPO7064.dll : 7.0.24.0
MaxxAudioAPOShell64.dll : 4.10.8.0
MaxxAudioCapture64.dll : 4.5.4.0
MaxxAudioEQ64.dll : 4.1.1.0
MaxxAudioRealtek64.dll : 4.4.10.0
MaxxAudioRender64.dll : 7.5.5.0
MaxxAudioRenderAVX64.dll : 7.5.5.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxSpeechAPO64.dll : 1.1.4.0
MaxxVoiceAPO2064.dll : 2.6.2.0
MaxxVoiceAPO30.dll : 3.1.14.0
MaxxVoiceAPO3064.dll : 3.1.14.0
MaxxVoiceAPO4064.dll : 4.0.19.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.65.10
MBAPO264.dll : 1.2.65.10
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17246
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.17246
NAHIMICV3apo.dll : 6.3.9600.17336
OrangeBlackSkinImages64.dll : 1.0.645.0
PremiumBlack2SkinImages64.dll : 1.0.645.0
PremiumBlackSkinImages64.dll : 1.0.645.0
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.3.5.9
RltkAPO.dll : 11.0.6000.572
RltkAPO64.dll : 11.0.6000.572
RP3DAA64.dll : 6.0.6001.18

RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.187
RTCOMDLL.dll : 2.0.0.187
RtDataProc.dll : 1.0.0.17
RtDataProc64.dll : 1.0.0.17
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.1.92
RtkCfg.dll : 1.0.0.6
RtkCfg64.dll : 1.0.0.7
RtkCoLDR64.dll : 1.0.0.1
RtkWovApi.dll : 1.0.0.9
RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.351
SEAPO32.dll : 2.0.7.48
SEAPO64.dll : 2.0.7.48
SECOMN32.dll : 2.0.7.48
SECOMN64.dll : 2.0.7.48
SEHDHF32.dll : 2.0.7.48
SEHDHF64.dll : 2.0.7.48
SEHDRA32.dll : 2.0.7.48
SEHDRA64.dll : 2.0.7.48
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.6.0.7270
sl3apo64.dll : 3.5.14.0
slcc3d64.dll : 1.0.0.100
slcnt64.dll : 3.5.14.0
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
slprp64.dll : 1.0.0.1
sltech64.dll : 3.5.14.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.24.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0
SRAPO64.dll : 4.0.0.59

```
  SRCOM.dll                                          : 4.0.0.59
  SRCOM64.dll                                        : 4.0.0.59
  SRRPTR64.dll                                       : 4.0.0.59
  SRSHP64.dll                                        : 1.1.0.0
  SRSTSH64.dll                                       : 1.1.4.0
  SRSTSX64.dll                                       : 3.2.0.0
  SRSWOW64.dll                                       : 1.1.3.0
  tadefxapo.dll                                      : 1.0.1.12
  tadefxapo264.dll                                   : 1.2.2.0
  tbb_waves.dll                                      : 4.4.2015.728
  tepeqapo64.dll                                     : 1.1.0.0
  ToastDll64.dll                                     : 1.0.0.2
  tosade.dll                                         : 1.0.1.12
  tosasfapo64.dll                                    : 2.1.1.0
  toseaeapo64.dll                                    : 2.1.0.0
  tossaeapo64.dll                                    : 2.1.1.0
  tossaemaxapo64.dll                                 : 1.1.2.0
  WavesGUILib64.dll                                  : 4.4.5.0
  WhiteJadeSkinImages64.dll                          : 1.0.645.0
  YamahaAE.dll                                       : 1.1.3.0
  YamahaAE2.dll                                      : 4.0.0.0
  YamahaAE3.dll                                      : 5.0.4.0
  RCORES64.dat                                       : 1.5.6.9


  Driver Setup Program                               : 4.60


//=================
Driver Package R2.82
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1, Windows 10 -
x86/x64
    2. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Bug fix.


Vista, Win7, Win8, Win8.1, Win10 :
----------------------------------------------------------
  Vista, Win7, Win8, Win8.1, Win10 driver for x86
  RTKVHDA.sys                                        : 6.0.1.8186
  AERTSrv.exe                                        : 1.0.32.10
  CreateRtkToastLnk.exe                              : 1.0.0.1
  CXAPOAgent.exe                                     : 1.1.0.0
  DTSAudioService.exe                                : 1.0.0.0
  DTSU2PAuSrv32.exe                                  : 2.1.1.0
  EP.exe                                             : 1.0.0.3
  FMAPP.exe                                          : 1.32.0.12
  MaxxAudioMeters.exe                                : 4.1.8.0
  RtHDVBg.exe                                        : 1.0.0.276
  RtHDVCpl.exe                                       : 1.0.0.1097
```

RtkAudioService.exe : 1.0.0.85
RtkNGUI.exe : 1.0.645.0
RtlUpd.exe : 3.0.0.7
vncutil.exe : 1.0.0.45
mbfilt32.sys : 6.10.0.8
RTSndMgr.cpl : 1.0.0.62
AERTACap.dll : 2.12.32.0
AERTARen.dll : 1.0.32.11
AudioLibW10.dll : 1.0.2.0
BlackBlueSkinImages.dll : 1.0.645.0
BlackSkinImages.dll : 1.0.645.0
Caf32api.dll : 3.0.0.1
Caf32APO2.dll : 2.51.0.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.74.0.0
CX32Proxy.dll : 1.2.0.0
DarkSkinImages.dll : 1.0.645.0
DAX3APOProp.dll : 1.1.3.10
DAX3APOv251.dll : 1.1.3.10
DDPA32.dll : 7.6.5.1
DDPD32A.dll : 7.6.5.1
DDPO32A.dll : 7.6.5.1
DDPP32A.dll : 7.6.5.1
DolbyDAX2APOProp.dll : 0.8.0.32
DolbyDAX2APOv201.dll : 0.8.0.32
DolbyDAX2APOv211.dll : 0.8.0.32
DolbyDAX2APOvlldp.dll : 1.6.0.47
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.1.1.0
DTSU2PLFX32.dll : 2.1.1.0
DTSU2PREC32.dll : 2.1.1.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 80.5.3.66
FMAPP.dll : 1.32.0.1
GrayJadeSkinImages.dll : 1.0.645.0
HarmanAudioInterface.dll : 1.2.0.0
HiFiDAX2API.dll : 0.8.0.74
HiFiDAX2APIPCLL.dll : 1.6.0.47
HMAPO.dll : 6.3.9600.17246
HMClariFi.dll : 1.4.0.0
HMEQ.dll : 1.4.0.0
HMEQ_Voice.dll : 1.4.0.0
HMHVS.dll : 1.4.0.0

HMLimiter.dll : 1.4.0.0
HMUI.dll : 1.4.0.0
ICEsoundAPO.dll : 1.0.0.29
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.5.8.0
MaxxAudioAPO50.dll : 5.6.5.0
MaxxAudioAPO60.dll : 6.1.17.0
MaxxAudioAPO70.dll : 7.0.24.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioCapture.dll : 4.5.4.0
MaxxAudioEQ.dll : 4.1.1.0
MaxxAudioRealtek.dll : 4.4.10.0
MaxxAudioRender.dll : 7.5.5.0
MaxxAudioRenderAVX.dll : 7.5.5.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxVoiceAPO20.dll : 2.6.2.0
MaxxVoiceAPO30.dll : 3.1.14.0
MaxxVoiceAPO40.dll : 4.0.19.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.65.10
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17246
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.17246
NAHIMICV3apo.dll : 6.3.9600.17336
OrangeBlackSkinImages.dll : 1.0.645.0
PremiumBlack2SkinImages.dll : 1.0.645.0
PremiumBlackSkinImages.dll : 1.0.645.0
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RltkAPO.dll : 11.0.6000.572
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.187
RtDataProc.dll : 1.0.0.17
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkApoApi.dll : 1.0.1.92
RtkCfg.dll : 1.0.0.7
RtkCoInstII.dll : 2.3.5.9

RtkCoLDR.dll : 1.0.0.1
RtkPgExt.dll : 6.0.6000.351
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SEAPO32.dll : 2.0.7.48
SECOMN32.dll : 2.0.7.48
SEHDHF32.dll : 2.0.7.48
SEHDRA32.dll : 2.0.7.48
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.5.14.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.5.14.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.5.14.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRAPO.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRRPTR.dll : 4.0.0.59
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.2.0
tbb_waves.dll : 4.4.2015.728
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tosasfapo32.dll : 2.1.1.0
toseaeapo32.dll : 2.1.0.0
tossaeapo32.dll : 2.1.1.0
tossaemaxapo32.dll : 1.1.2.0
WavesGUILib.dll : 4.4.5.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.645.0
RCORES.dat : 1.5.6.9

Vista, Win7, Win8, Win8.1, Win10 driver for x64

RTKVHD64.sys	: 6.0.1.8186
AERTSr64.exe	: 1.0.64.10
CreateRtkToastLnk.exe	: 1.0.0.1
CXAPOAgent64.exe	: 1.1.0.0
DTSAudioService64.exe	: 1.0.0.0
DTSU2PAuSrv64.exe	: 2.1.1.0
EP64.exe	: 1.0.0.3
FMAPP.exe	: 1.64.0.12
ICEsoundService.exe	: 1.0.0.26
MaxxAudioMeters64.exe	: 4.1.8.0
RAVBg64.exe	: 1.0.0.276
RAVCpl64.exe	: 1.0.0.1098
RtkAudioService64.exe	: 1.0.0.85
RtkNGUI64.exe	: 1.0.645.0
RtlUpd64.exe	: 3.0.0.7
vncutil64.exe	: 1.0.0.45
GWfilt64.sys	: 6.10.0.3
mbfilt64.sys	: 6.10.0.8
RTSnMg64.cpl	: 1.0.0.62
AERTAC64.dll	: 2.12.64.0
AERTAR64.dll	: 1.0.64.11
AudioLibW1064.dll	: 1.0.2.0
AudysseyEfx.dll	: 1.0.0.30
BlackBlueSkinImages64.dll	: 1.0.645.0
BlackJadeSkinImages64.dll	: 1.0.461.0
BlackSkinImages64.dll	: 1.0.645.0
Caf64api.dll	: 3.0.0.1
CAF64APO2.dll	: 2.51.0.0
CONEQMSAPO.dll	: 1.0.0.19
CONEQMSAPOGUILibrary.dll	: 1.0.0.4
CX32APO.dll	: 1.74.0.0
CX64APO.dll	: 1.74.0.0
CX64Proxy.dll	: 1.2.0.0
DarkSkinImages64.dll	: 1.0.645.0
DAX3APOProp.dll	: 1.1.3.10
DAX3APOv251.dll	: 1.1.3.10
DDPA64.dll	: 7.6.5.1
DDPA64F3.dll	: 7.6.7.2
DDPD64A.dll	: 7.6.5.1
DDPD64AF3.dll	: 7.6.7.2
DDPO64A.dll	: 7.6.5.1
DDPO64AF3.dll	: 7.6.7.2
DDPP64A.dll	: 7.6.5.1
DDPP64AF3.dll	: 7.6.7.2
DolbyDAX2APOProp.dll	: 0.8.0.32
DolbyDAX2APOv201.dll	: 0.8.0.32
DolbyDAX2APOv211.dll	: 0.8.0.32
DolbyDAX2APOvlldp.dll	: 1.6.0.47
DTSBassEnhancementDLL64.dll	: 1.0.0.1
DTSBoostDLL64.dll	: 1.0.0.1
DTSGainCompensatorDLL64.dll	: 1.0.0.1
DTSGFXAPO64.dll	: 1.0.0.3

DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 80.6.3.66
FMAPP.dll : 1.64.0.1
FM_Speech_PP64.dll : 80.16.100.125
GrayJadeSkinImages64.dll : 1.0.645.0
HarmanAudioInterface.dll : 1.2.0.0
HiFiDAX2API.dll : 0.8.0.74
HiFiDAX2APIPCLL.dll : 1.6.0.47
HMAPO.dll : 6.3.9600.17336
HMClariFi.dll : 1.4.0.0
HMEQ.dll : 1.4.0.0
HMEQ_Voice.dll : 1.4.0.0
HMHVS.dll : 1.4.0.0
HMLimiter.dll : 1.4.0.0
HMUI.dll : 1.4.0.0
ICEsoundAPO64.dll : 1.0.0.29
IntelSSTAPO.dll : 1.1.37.0
IntelSstCApoPropPage.dll : 1.1.37.0
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.5.8.0
MaxxAudioAPO5064.dll : 5.6.5.0
MaxxAudioAPO6064.dll : 6.1.17.0
MaxxAudioAPO7064.dll : 7.0.24.0
MaxxAudioAPOShell64.dll : 4.10.8.0
MaxxAudioCapture64.dll : 4.5.4.0
MaxxAudioEQ64.dll : 4.1.1.0
MaxxAudioRealtek64.dll : 4.4.10.0
MaxxAudioRender64.dll : 7.5.5.0
MaxxAudioRenderAVX64.dll : 7.5.5.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxSpeechAPO64.dll : 1.1.4.0
MaxxVoiceAPO2064.dll : 2.6.2.0
MaxxVoiceAPO30.dll : 3.1.14.0
MaxxVoiceAPO3064.dll : 3.1.14.0
MaxxVoiceAPO4064.dll : 4.0.19.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.65.10
MBAPO264.dll : 1.2.65.10
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0

MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17246
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.17246
NAHIMICV3apo.dll : 6.3.9600.17336
OrangeBlackSkinImages64.dll : 1.0.645.0
PremiumBlack2SkinImages64.dll : 1.0.645.0
PremiumBlackSkinImages64.dll : 1.0.645.0
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.3.5.9
RltkAPO.dll : 11.0.6000.572
RltkAPO64.dll : 11.0.6000.572
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.187
RTCOMDLL.dll : 2.0.0.187
RtDataProc.dll : 1.0.0.17
RtDataProc64.dll : 1.0.0.17
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.1.92
RtkCfg.dll : 1.0.0.6
RtkCfg64.dll : 1.0.0.7
RtkCoLDR64.dll : 1.0.0.1
RtkWovApi.dll : 1.0.0.9
RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.351
SEAPO32.dll : 2.0.7.48
SEAPO64.dll : 2.0.7.48
SECOMN32.dll : 2.0.7.48
SECOMN64.dll : 2.0.7.48
SEHDHF32.dll : 2.0.7.48
SEHDHF64.dll : 2.0.7.48
SEHDRA32.dll : 2.0.7.48
SEHDRA64.dll : 2.0.7.48
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13

SFHAPO64.dll	: 2.0.0.13
SFNHK64.dll	: 3.0.0.16
SFProc64.dll	: 2.0.0.13
SFSAPO64.dll	: 2.0.0.13
SFSS_APO.dll	: 1.6.0.7270
sl3apo64.dll	: 3.5.14.0
slcc3d64.dll	: 1.0.0.100
slcnt64.dll	: 3.5.14.0
slcshp64.dll	: 1.0.3.0
slcsii64.dll	: 1.0.3.0
slgeq64.dll	: 1.0.1.0
slh36064.dll	: 1.0.2.0
slhlim64.dll	: 2.1.0.0
slInit64.dll	: 1.1.3.0
slmaxv64.dll	: 1.2.1.0
slprp64.dll	: 1.0.0.1
sltech64.dll	: 3.5.14.0
sltshd64.dll	: 1.2.0.0
sluapo64.dll	: 2.3.24.0
slvipp64.dll	: 1.0.1.0
slviq64.dll	: 2.1.0.0
SRAPO64.dll	: 4.0.0.59
SRCOM.dll	: 4.0.0.59
SRCOM64.dll	: 4.0.0.59
SRRPTR64.dll	: 4.0.0.59
SRSHP64.dll	: 1.1.0.0
SRSTSH64.dll	: 1.1.4.0
SRSTSX64.dll	: 3.2.0.0
SRSWOW64.dll	: 1.1.3.0
tadefxapo.dll	: 1.0.1.12
tadefxapo264.dll	: 1.2.2.0
tbb_waves.dll	: 4.4.2015.728
tepeqapo64.dll	: 1.1.0.0
ToastDll64.dll	: 1.0.0.2
tosade.dll	: 1.0.1.12
tosasfapo64.dll	: 2.1.1.0
toseaeapo64.dll	: 2.1.0.0
tossaeapo64.dll	: 2.1.1.0
tossaemaxapo64.dll	: 1.1.2.0
WavesGUILib64.dll	: 4.4.5.0
WhiteJadeSkinImages64.dll	: 1.0.645.0
YamahaAE.dll	: 1.1.3.0
YamahaAE2.dll	: 4.0.0.0
YamahaAE3.dll	: 5.0.4.0
RCORES64.dat	: 1.5.6.9

Driver Setup Program	: 4.60

//=================
Driver Package R2.81
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,

Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1, Windows 10 - x86/x64

2. Add/Fix

1.) Driver :

1. Customizations.
2. Bug fix.

Vista, Win7, Win8, Win8.1, Win10 :

Vista, Win7, Win8, Win8.1, Win10 driver for x86

RTKVHDA.sys	: 6.0.1.8036
AERTSrv.exe	: 1.0.32.10
CreateRtkToastLnk.exe	: 1.0.0.1
CXAPOAgent.exe	: 1.1.0.0
DTSAudioService.exe	: 1.0.0.0
DTSU2PAuSrv32.exe	: 2.1.1.0
FMAPP.exe	: 1.32.0.11
MaxxAudioMeters.exe	: 4.1.8.0
RtHDVBg.exe	: 1.0.0.258
RtHDVCpl.exe	: 1.0.0.1056
RtkAudioService.exe	: 1.0.0.81
RtkNGUI.exe	: 1.0.608.1
RtlUpd.exe	: 3.0.0.6
vncutil.exe	: 1.0.0.45
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.56
AERTACap.dll	: 2.12.32.0
AERTARen.dll	: 1.0.32.11
AudioLibW10.dll	: 1.0.2.0
BlackBlueSkinImages.dll	: 1.0.608.1
BlackSkinImages.dll	: 1.0.608.1
Caf32api.dll	: 1.0.0.4
Caf32APO2.dll	: 2.34.0.0
CONEQMSAPO.dll	: 1.0.0.19
CONEQMSAPOGUILibrary.dll	: 1.0.0.4
CX32APO.dll	: 1.68.0.0
CX32Proxy.dll	: 1.2.0.0
DarkSkinImages.dll	: 1.0.608.1
DAX3APOProp.dll	: 1.0.0.5
DAX3APOv251.dll	: 1.0.0.5
DDPA32.dll	: 7.6.5.1
DDPD32A.dll	: 7.6.5.1
DDPO32A.dll	: 7.6.5.1
DDPP32A.dll	: 7.6.5.1
DolbyDAX2APOProp.dll	: 0.7.5.31
DolbyDAX2APOv201.dll	: 0.7.5.31
DolbyDAX2APOv211.dll	: 0.7.5.31
DolbyDAX2APOvlldp.dll	: 1.0.0.5
DTSBassEnhancementDLL.dll	: 1.0.0.1
DTSBoostDLL.dll	: 1.0.0.1
DTSGainCompensatorDLL.dll	: 1.0.0.1
DTSGFXAPO.dll	: 1.0.0.3
DTSGFXAPONS.dll	: 1.0.0.3

DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.1.1.0
DTSU2PLFX32.dll : 2.1.1.0
DTSU2PREC32.dll : 2.1.1.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 70.5.5.69
FMAPP.dll : 1.32.0.1
GrayJadeSkinImages.dll : 1.0.608.1
HarmanAudioInterface.dll : 1.2.0.0
HiFiDAX2API.dll : 0.7.5.65
HiFiDAX2APIPCLL.dll : 1.0.0.5
HMAPO.dll : 6.3.9600.17246
HMClariFi.dll : 1.4.0.0
HMEQ.dll : 1.4.0.0
HMEQ_Voice.dll : 1.4.0.0
HMHVS.dll : 1.4.0.0
HMLimiter.dll : 1.4.0.0
HMUI.dll : 1.4.0.0
ICEsoundAPO.dll : 1.0.0.26
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.5.8.0
MaxxAudioAPO50.dll : 5.6.5.0
MaxxAudioAPO60.dll : 6.1.17.0
MaxxAudioAPO70.dll : 7.0.24.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioCapture.dll : 4.1.29.0
MaxxAudioEQ.dll : 4.1.1.0
MaxxAudioRealtek.dll : 4.4.10.0
MaxxAudioRender.dll : 7.1.60.0
MaxxAudioRenderAVX.dll : 7.1.60.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxVoiceAPO20.dll : 2.6.2.0
MaxxVoiceAPO30.dll : 3.1.14.0
MaxxVoiceAPO40.dll : 4.0.19.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.131
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17246
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.17246

NAHIMICV3apo.dll : 6.3.9600.17246
OrangeBlackSkinImages.dll : 1.0.608.1
PremiumBlack2SkinImages.dll : 1.0.608.1
PremiumBlackSkinImages.dll : 1.0.608.1
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RltkAPO.dll : 11.0.6000.544
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.182
RtDataProc.dll : 1.0.0.16
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkApoApi.dll : 1.0.1.90
RtkCfg.dll : 1.0.0.7
RtkCoInstII.dll : 2.3.4.2
RtkCoLDR.dll : 1.0.0.1
RtkPgExt.dll : 6.0.6000.346
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SEAPO32.dll : 2.0.7.30
SECOMN32.dll : 2.0.7.30
SEHDHF32.dll : 2.0.7.30
SEHDRA32.dll : 2.0.7.30
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.5.14.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.5.14.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.5.14.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0

SRAPO.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRRPTR.dll : 4.0.0.59
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.2.0
tbb_waves.dll : 4.4.2015.728
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tosasfapo32.dll : 2.1.0.0
toseaeapo32.dll : 2.1.0.0
tossaeapo32.dll : 2.1.1.0
tossaemaxapo32.dll : 1.1.1.1
WavesGUILib.dll : 4.4.5.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.608.1
RCORES.dat : 1.5.6.9

Vista, Win7, Win8, Win8.1, Win10 driver for x64
RTKVHD64.sys : 6.0.1.8036
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
CXAPOAgent64.exe : 1.1.0.0
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
FMAPP.exe : 1.64.0.11
ICEsoundService.exe : 1.0.0.26
MaxxAudioMeters64.exe : 4.1.8.0
RAVBg64.exe : 1.0.0.258
RAVCpl64.exe : 1.0.0.1056
RtkAudioService64.exe : 1.0.0.81
RtkNGUI64.exe : 1.0.608.1
RtlUpd64.exe : 3.0.0.6
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.56
AERTAC64.dll : 2.12.64.0
AERTAR64.dll : 1.0.64.11
AudioLibW1064.dll : 1.0.2.0
AudysseyEfx.dll : 1.0.0.30
BlackBlueSkinImages64.dll : 1.0.608.1
BlackJadeSkinImages64.dll : 1.0.461.0
BlackSkinImages64.dll : 1.0.608.1
Caf64api.dll : 1.0.0.4
CAF64APO2.dll : 2.34.0.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.68.0.0
CX64APO.dll : 1.68.0.0

CX64Proxy.dll : 1.2.0.0
DarkSkinImages64.dll : 1.0.608.1
DAX3APOProp.dll : 1.0.0.5
DAX3APOv251.dll : 1.0.0.5
DDPA64.dll : 7.6.5.1
DDPA64F3.dll : 7.6.7.2
DDPD64A.dll : 7.6.5.1
DDPD64AF3.dll : 7.6.7.2
DDPO64A.dll : 7.6.5.1
DDPO64AF3.dll : 7.6.7.2
DDPP64A.dll : 7.6.5.1
DDPP64AF3.dll : 7.6.7.2
DolbyDAX2APOProp.dll : 0.7.5.31
DolbyDAX2APOv201.dll : 0.7.5.31
DolbyDAX2APOv211.dll : 0.7.5.31
DolbyDAX2APOvlldp.dll : 1.0.0.5
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 70.6.5.69
FMAPP.dll : 1.64.0.1
GrayJadeSkinImages64.dll : 1.0.608.1
HarmanAudioInterface.dll : 1.2.0.0
HiFiDAX2API.dll : 0.7.5.65
HiFiDAX2APIPCLL.dll : 1.0.0.5
HMAPO.dll : 6.3.9600.17336
HMClariFi.dll : 1.4.0.0
HMEQ.dll : 1.4.0.0
HMEQ_Voice.dll : 1.4.0.0
HMHVS.dll : 1.4.0.0
HMLimiter.dll : 1.4.0.0
HMUI.dll : 1.4.0.0
ICEsoundAPO64.dll : 1.0.0.26
IntelSSTAPO.dll : 1.1.37.0
IntelSstCApoPropPage.dll : 1.1.37.0
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.5.8.0
MaxxAudioAPO5064.dll : 5.6.5.0
MaxxAudioAPO6064.dll : 6.1.17.0

MaxxAudioAPO7064.dll : 7.0.24.0
MaxxAudioAPOShell64.dll : 4.10.8.0
MaxxAudioCapture64.dll : 4.1.29.0
MaxxAudioEQ64.dll : 4.1.1.0
MaxxAudioRealtek64.dll : 4.4.10.0
MaxxAudioRender64.dll : 7.1.60.0
MaxxAudioRenderAVX64.dll : 7.1.60.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxSpeechAPO64.dll : 1.1.4.0
MaxxVoiceAPO2064.dll : 2.6.2.0
MaxxVoiceAPO30.dll : 3.1.14.0
MaxxVoiceAPO3064.dll : 3.1.14.0
MaxxVoiceAPO4064.dll : 4.0.19.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.131
MBAPO264.dll : 1.2.16.131
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17246
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.17246
NAHIMICV3apo.dll : 6.3.9600.17246
OrangeBlackSkinImages64.dll : 1.0.608.1
PremiumBlack2SkinImages64.dll : 1.0.608.1
PremiumBlackSkinImages64.dll : 1.0.608.1
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.3.4.2
RltkAPO.dll : 11.0.6000.544
RltkAPO64.dll : 11.0.6000.544
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.182
RTCOMDLL.dll : 2.0.0.182
RtDataProc.dll : 1.0.0.15
RtDataProc64.dll : 1.0.0.16
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.1.90
RtkCfg.dll : 1.0.0.6
RtkCfg64.dll : 1.0.0.7
RtkCoLDR64.dll : 1.0.0.1

RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.346
SEAPO64.dll : 2.0.7.30
SECOMN32.dll : 2.0.7.30
SECOMN64.dll : 2.0.7.30
SEHDHF32.dll : 2.0.7.30
SEHDHF64.dll : 2.0.7.30
SEHDRA64.dll : 2.0.7.30
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.6.0.7270
sl3apo64.dll : 3.5.14.0
slcc3d64.dll : 1.0.0.100
slcnt64.dll : 3.5.14.0
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
slprp64.dll : 1.0.0.1
sltech64.dll : 3.5.14.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.24.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0
SRAPO64.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRCOM64.dll : 4.0.0.59
SRRPTR64.dll : 4.0.0.59
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo264.dll : 1.2.2.0
tbb_waves.dll : 4.4.2015.728
tepeqapo64.dll : 1.1.0.0
ToastDll64.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tosasfapo64.dll : 2.1.0.0
toseaeapo64.dll : 2.1.0.0
tossaeapo64.dll : 2.1.1.0

```
  tossaemaxapo64.dll                                  : 1.1.1.1
  WavesGUILib64.dll                                   : 4.4.5.0
  WhiteJadeSkinImages64.dll                           : 1.0.608.1
  YamahaAE.dll                                        : 1.1.3.0
  YamahaAE2.dll                                       : 4.0.0.0
  YamahaAE3.dll                                       : 5.0.4.0
  RCORES64.dat                                        : 1.5.6.9


  Driver Setup Program                                : 4.54


//=================
Driver Package R2.80
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1, Windows 10 -
x86/x64
    2. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Bug fix.


Vista, Win7, Win8, Win8.1, Win10 :
-----------------------------------------------------
  Vista, Win7, Win8, Win8.1, Win10 driver for x86
  RTKVHDA.sys                                         : 6.0.1.8004
  AERTSrv.exe                                         : 1.0.32.10
  CreateRtkToastLnk.exe                               : 1.0.0.1
  CXAPOAgent.exe                                      : 1.1.0.0
  DTSAudioService.exe                                 : 1.0.0.0
  DTSU2PAuSrv32.exe                                   : 2.1.1.0
  FMAPP.exe                                           : 1.32.0.11
  MaxxAudioMeters.exe                                 : 4.1.8.0
  RtHDVBg.exe                                         : 1.0.0.254
  RtHDVCpl.exe                                        : 1.0.0.1048
  RtkAudioService.exe                                 : 1.0.0.80
  RtkNGUI.exe                                         : 1.0.602.1
  RtlUpd.exe                                          : 3.0.0.5
  vncutil.exe                                         : 1.0.0.45
  mbfilt32.sys                                        : 6.10.0.8
  RTSndMgr.cpl                                        : 1.0.0.56
  AERTACap.dll                                        : 2.12.32.0
  AERTARen.dll                                        : 1.0.32.11
  AudioLibW10.dll                                     : 1.0.1.0
  BlackBlueSkinImages.dll                             : 1.0.602.1
  BlackSkinImages.dll                                 : 1.0.602.1
  Caf32api.dll                                        : 1.0.0.4
  Caf32APO2.dll                                       : 2.34.0.0
  CONEQMSAPO.dll                                      : 1.0.0.19
  CONEQMSAPOGUILibrary.dll                            : 1.0.0.4
  CX32APO.dll                                         : 1.68.0.0
  CX32Proxy.dll                                       : 1.2.0.0
```

DarkSkinImages.dll : 1.0.602.1
DAX3APOProp.dll : 1.0.0.5
DAX3APOv251.dll : 1.0.0.5
DDPA32.dll : 7.6.5.1
DDPD32A.dll : 7.6.5.1
DDPO32A.dll : 7.6.5.1
DDPP32A.dll : 7.6.5.1
DolbyDAX2APOProp.dll : 0.7.5.31
DolbyDAX2APOv201.dll : 0.7.5.31
DolbyDAX2APOv211.dll : 0.7.5.31
DolbyDAX2APOvlldp.dll : 1.0.0.5
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.1.1.0
DTSU2PLFX32.dll : 2.1.1.0
DTSU2PREC32.dll : 2.1.1.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 70.5.5.68
FMAPP.dll : 1.32.0.1
GrayJadeSkinImages.dll : 1.0.602.1
HarmanAudioInterface.dll : 1.2.0.0
HiFiDAX2API.dll : 0.7.5.65
HiFiDAX2APIPCLL.dll : 1.0.0.5
HMAPO.dll : 6.3.9600.17246
HMClariFi.dll : 1.4.0.0
HMEQ.dll : 1.4.0.0
HMEQ_Voice.dll : 1.4.0.0
HMHVS.dll : 1.4.0.0
HMLimiter.dll : 1.4.0.0
HMUI.dll : 1.4.0.0
ICEsoundAPO.dll : 1.0.0.26
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.5.8.0
MaxxAudioAPO50.dll : 5.6.5.0
MaxxAudioAPO60.dll : 6.1.17.0
MaxxAudioAPO70.dll : 7.0.24.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioCapture.dll : 4.1.29.0
MaxxAudioEQ.dll : 4.1.1.0
MaxxAudioRealtek.dll : 4.4.10.0
MaxxAudioRender.dll : 7.1.60.0
MaxxAudioRenderAVX.dll : 7.1.60.0

MaxxAudioVienna2.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxVoiceAPO20.dll : 2.6.2.0
MaxxVoiceAPO30.dll : 3.1.14.0
MaxxVoiceAPO40.dll : 4.0.19.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.129
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17246
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.17246
NAHIMICV3apo.dll : 6.3.9600.17246
OrangeBlackSkinImages.dll : 1.0.602.1
PremiumBlack2SkinImages.dll : 1.0.602.1
PremiumBlackSkinImages.dll : 1.0.602.1
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RltkAPO.dll : 11.0.6000.539
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.180
RtDataProc.dll : 1.0.0.16
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkApoApi.dll : 1.0.1.90
RtkCfg.dll : 1.0.0.7
RtkCoInstII.dll : 2.3.3.9
RtkCoLDR.dll : 1.0.0.1
RtkPgExt.dll : 6.0.6000.344
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SEAPO32.dll : 2.0.7.19
SECOMN32.dll : 2.0.7.19
SEHDHF32.dll : 2.0.7.19
SEHDRA32.dll : 2.0.7.19
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270

sl3apo32.dll : 3.5.13.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.5.13.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.5.13.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRAPO.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRRPTR.dll : 4.0.0.59
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.2.0
tbb_waves.dll : 4.4.2015.728
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tosasfapo32.dll : 2.1.0.0
toseaeapo32.dll : 2.1.0.0
tossaeapo32.dll : 2.1.1.0
tossaemaxapo32.dll : 1.1.1.1
WavesGUILib.dll : 4.4.5.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.602.1
RCORES.dat : 1.5.6.9

Vista, Win7, Win8, Win8.1, Win10 driver for x64
RTKVHD64.sys : 6.0.1.8004
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
CXAPOAgent64.exe : 1.1.0.0
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
FMAPP.exe : 1.64.0.11
ICEsoundService.exe : 1.0.0.26
MaxxAudioMeters64.exe : 4.1.8.0
RAVBg64.exe : 1.0.0.254
RAVCpl64.exe : 1.0.0.1048
RtkAudioService64.exe : 1.0.0.80
RtkNGUI64.exe : 1.0.602.1
RtlUpd64.exe : 3.0.0.5
vncutil64.exe : 1.0.0.45

GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.56
AERTAC64.dll : 2.12.64.0
AERTAR64.dll : 1.0.64.11
AudioLibW1064.dll : 1.0.1.0
AudysseyEfx.dll : 1.0.0.30
BlackBlueSkinImages64.dll : 1.0.602.1
BlackJadeSkinImages64.dll : 1.0.461.0
BlackSkinImages64.dll : 1.0.602.1
Caf64api.dll : 1.0.0.4
CAF64APO2.dll : 2.34.0.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.68.0.0
CX64APO.dll : 1.68.0.0
CX64Proxy.dll : 1.2.0.0
DarkSkinImages64.dll : 1.0.602.1
DAX3APOProp.dll : 1.0.0.5
DAX3APOv251.dll : 1.0.0.5
DDPA64.dll : 7.6.5.1
DDPA64F3.dll : 7.6.7.2
DDPD64A.dll : 7.6.5.1
DDPD64AF3.dll : 7.6.7.2
DDPO64A.dll : 7.6.5.1
DDPO64AF3.dll : 7.6.7.2
DDPP64A.dll : 7.6.5.1
DDPP64AF3.dll : 7.6.7.2
DolbyDAX2APOProp.dll : 0.7.5.31
DolbyDAX2APOv201.dll : 0.7.5.31
DolbyDAX2APOv211.dll : 0.7.5.31
DolbyDAX2APOvlldp.dll : 1.0.0.5
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 70.6.5.68
FMAPP.dll : 1.64.0.1
GrayJadeSkinImages64.dll : 1.0.602.1
HarmanAudioInterface.dll : 1.2.0.0
HiFiDAX2API.dll : 0.7.5.65
HiFiDAX2APIPCLL.dll : 1.0.0.5

HMAPO.dll : 6.3.9600.17336
HMClariFi.dll : 1.4.0.0
HMEQ.dll : 1.4.0.0
HMEQ_Voice.dll : 1.4.0.0
HMHVS.dll : 1.4.0.0
HMLimiter.dll : 1.4.0.0
HMUI.dll : 1.4.0.0
ICEsoundAPO64.dll : 1.0.0.26
IntelSSTAPO.dll : 1.1.30.0
IntelSstCApoPropPage.dll : 1.1.30.0
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.5.8.0
MaxxAudioAPO5064.dll : 5.6.5.0
MaxxAudioAPO6064.dll : 6.1.17.0
MaxxAudioAPO7064.dll : 7.0.24.0
MaxxAudioAPOShell64.dll : 4.10.8.0
MaxxAudioCapture64.dll : 4.1.29.0
MaxxAudioEQ64.dll : 4.1.1.0
MaxxAudioRealtek64.dll : 4.4.10.0
MaxxAudioRender64.dll : 7.1.60.0
MaxxAudioRenderAVX64.dll : 7.1.60.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxSpeechAPO64.dll : 1.1.4.0
MaxxVoiceAPO2064.dll : 2.6.2.0
MaxxVoiceAPO30.dll : 3.1.14.0
MaxxVoiceAPO3064.dll : 3.1.14.0
MaxxVoiceAPO4064.dll : 4.0.19.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.129
MBAPO264.dll : 1.2.16.129
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17246
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.17246
NAHIMICV3apo.dll : 6.3.9600.17246
OrangeBlackSkinImages64.dll : 1.0.602.1
PremiumBlack2SkinImages64.dll : 1.0.602.1
PremiumBlackSkinImages64.dll : 1.0.602.1
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.3.3.9

RltkAPO.dll : 11.0.6000.539
RltkAPO64.dll : 11.0.6000.539
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.180
RTCOMDLL.dll : 2.0.0.180
RtDataProc.dll : 1.0.0.15
RtDataProc64.dll : 1.0.0.16
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.1.90
RtkCfg.dll : 1.0.0.6
RtkCfg64.dll : 1.0.0.7
RtkCoLDR64.dll : 1.0.0.1
RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.344
SEAPO64.dll : 2.0.7.19
SECOMN32.dll : 2.0.7.19
SECOMN64.dll : 2.0.7.19
SEHDHF32.dll : 2.0.7.19
SEHDHF64.dll : 2.0.7.19
SEHDRA64.dll : 2.0.7.19
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.6.0.7270
sl3apo64.dll : 3.5.13.0
slcc3d64.dll : 1.0.0.100
slcnt64.dll : 3.5.13.0
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
slprp64.dll : 1.0.0.1
sltech64.dll : 3.5.13.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.24.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0
SRAPO64.dll : 4.0.0.59

SRCOM.dll	: 4.0.0.59
SRCOM64.dll	: 4.0.0.59
SRRPTR64.dll	: 4.0.0.59
SRSHP64.dll	: 1.1.0.0
SRSTSH64.dll	: 1.1.4.0
SRSTSX64.dll	: 3.2.0.0
SRSWOW64.dll	: 1.1.3.0
tadefxapo.dll	: 1.0.1.12
tadefxapo264.dll	: 1.2.2.0
tbb_waves.dll	: 4.4.2015.728
tepeqapo64.dll	: 1.1.0.0
ToastDll64.dll	: 1.0.0.2
tosade.dll	: 1.0.1.12
tosasfapo64.dll	: 2.1.0.0
toseaeapo64.dll	: 2.1.0.0
tossaeapo64.dll	: 2.1.1.0
tossaemaxapo64.dll	: 1.1.1.1
WavesGUILib64.dll	: 4.4.5.0
WhiteJadeSkinImages64.dll	: 1.0.602.1
YamahaAE.dll	: 1.1.3.0
YamahaAE2.dll	: 4.0.0.0
YamahaAE3.dll	: 5.0.4.0
RCORES64.dat	: 1.5.6.9

Driver Setup Program	: 4.54

//=================
Driver Package R2.79
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista, Windows 7, Windows 8, Windows 8.1, Windows 10 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VD, ALC891, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC667, ALC668, ALC670, ALC671, ALC672, ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC236, ALC255, ALC256, ALC260, ALC262, ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC283, ALC284, ALC286, ALC288, ALC290, ALC292, ALC293, ALC298, ALC383
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VC, ALC861VD, ALC891, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC667, ALC668, ALC670, ALC671, ALC672, ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC236, ALC255, ALC256, ALC260, ALC262, ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC283, ALC284, ALC286, ALC290, ALC292, ALC293, ALC383
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1, Windows 10 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000 SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix

1.) Driver :
1. Customizations.

Vista, Win7, Win8, Win8.1, Win10 :

Vista, Win7, Win8, Win8.1, Win10 driver for x86

RTKVHDA.sys	: 6.0.1.7541
AERTSrv.exe	: 1.0.32.10
CreateRtkToastLnk.exe	: 1.0.0.1
CXAPOAgent.exe	: 1.1.0.0
DTSAudioService.exe	: 1.0.0.0
DTSU2PAuSrv32.exe	: 2.1.1.0
FMAPP.exe	: 1.32.0.5
MaxxAudioMeters.exe	: 4.1.6.0
RtHDVBg.exe	: 1.0.0.220
RtHDVCpl.exe	: 1.0.0.968
RtkAudioService.exe	: 1.0.0.66
RtkNGUI.exe	: 1.0.483.0
RtlUpd.exe	: 3.0.0.0
vncutil.exe	: 1.0.0.45
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.43
AERTACap.dll	: 2.10.32.0
AERTARen.dll	: 1.0.32.11
BlackBlueSkinImages.dll	: 1.0.483.0
BlackSkinImages.dll	: 1.0.483.0
CONEQMSAPO.dll	: 1.0.0.19
CONEQMSAPOGUILibrary.dll	: 1.0.0.4
CX32APO.dll	: 1.28.0.0
DarkSkinImages.dll	: 1.0.483.0
DDPA32.dll	: 7.6.5.1
DDPD32A.dll	: 7.6.5.1
DDPO32A.dll	: 7.6.5.1
DDPP32A.dll	: 7.6.5.1
DolbyDAX2APOProp.dll	: 0.4.0.18
DolbyDAX2APOv201.dll	: 0.4.0.18
DolbyDAX2APOv211.dll	: 0.4.0.18
DTSBassEnhancementDLL.dll	: 1.0.0.1
DTSBoostDLL.dll	: 1.0.0.1
DTSGainCompensatorDLL.dll	: 1.0.0.1
DTSGFXAPO.dll	: 1.0.0.3
DTSGFXAPONS.dll	: 1.0.0.3
DTSLFXAPO.dll	: 1.0.0.3
DTSLimiterDLL.dll	: 1.0.0.1
DTSNeoPCDLL.dll	: 1.0.0.1
DTSS2HeadphoneDLL.dll	: 1.0.0.1
DTSS2SpeakerDLL.dll	: 1.0.0.1
DTSSymmetryDLL.dll	: 1.0.0.1
DTSU2PGFX32.dll	: 2.1.1.0
DTSU2PLFX32.dll	: 2.1.1.0
DTSU2PREC32.dll	: 2.1.1.0
DTSVoiceClarityDLL.dll	: 1.0.0.1
FMAPO.dll	: 70.5.3.65

GrayJadeSkinImages.dll : 1.0.483.0
HiFiDAX2API.dll : 0.4.0.20
ICEsoundAPO.dll : 1.0.0.15
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.5.8.0
MaxxAudioAPO50.dll : 5.6.5.0
MaxxAudioAPO60.dll : 6.1.12.0
MaxxAudioAPO70.dll : 7.0.10.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioEQ.dll : 4.1.1.0
MaxxAudioRealtek.dll : 4.4.10.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxVoiceAPO20.dll : 2.6.2.0
MaxxVoiceAPO30.dll : 3.1.13.0
MaxxVoiceAPO40.dll : 4.0.8.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.81
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17231
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.16384
OrangeBlackSkinImages.dll : 1.0.483.0
PremiumBlackSkinImages.dll : 1.0.483.0
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RltkAPO.dll : 11.0.6000.433
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.169
RtDataProc.dll : 1.0.0.14
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkApoApi.dll : 1.0.1.87
RtkCfg.dll : 1.0.0.5
RtkCoInstII.dll : 2.2.5.6
RtkCoLDR.dll : 1.0.0.1
RtkPgExt.dll : 6.0.6000.320
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SEAPO32.dll : 2.0.5.4

SECOMN32.dll : 2.0.5.4
SEHDRA32.dll : 2.0.5.4
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.1.38.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.1.38.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.1.38.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRAPO.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRRPTR.dll : 4.0.0.59
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.2.0
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tossaemaxapo32.dll : 1.0.0.0
WavesGUILib.dll : 4.4.5.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.483.0
RCORES.dat : 1.5.6.6

Vista, Win7, Win8, Win8.1, Win10 driver for x64
RTKVHD64.sys : 6.0.1.7541
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
CXAPOAgent64.exe : 1.1.0.0
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
FMAPP.exe : 1.64.0.5
MaxxAudioMeters64.exe : 4.1.6.0

RAVBg64.exe : 1.0.0.220
RAVCpl64.exe : 1.0.0.968
RtkAudioService64.exe : 1.0.0.66
RtkNGUI64.exe : 1.0.483.0
RtlUpd64.exe : 3.0.0.0
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.43
AERTAC64.dll : 2.10.64.0
AERTAR64.dll : 1.0.64.11
BlackBlueSkinImages64.dll : 1.0.483.0
BlackJadeSkinImages64.dll : 1.0.461.0
BlackSkinImages64.dll : 1.0.483.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.28.0.0
CX64APO.dll : 1.28.0.0
DarkSkinImages64.dll : 1.0.483.0
DDPA64.dll : 7.6.5.1
DDPA64F3.dll : 7.6.7.1
DDPD64A.dll : 7.6.5.1
DDPD64AF3.dll : 7.6.7.1
DDPO64A.dll : 7.6.5.1
DDPO64AF3.dll : 7.6.7.1
DDPP64A.dll : 7.6.5.1
DDPP64AF3.dll : 7.6.7.1
DolbyDAX2APOProp.dll : 0.4.0.18
DolbyDAX2APOv201.dll : 0.4.0.18
DolbyDAX2APOv211.dll : 0.4.0.18
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 70.6.3.65
GrayJadeSkinImages64.dll : 1.0.483.0
HiFiDAX2API.dll : 0.4.0.20
ICEsoundAPO64.dll : 1.0.0.15
IntelSSTAPO.dll : 1.0.461.0
IntelSstCApoPropPage.dll : 1.0.0.10
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0

MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.5.8.0
MaxxAudioAPO5064.dll : 5.6.5.0
MaxxAudioAPO6064.dll : 6.1.12.0
MaxxAudioAPO7064.dll : 7.0.10.0
MaxxAudioAPOShell64.dll : 4.10.8.0
MaxxAudioEQ64.dll : 4.1.1.0
MaxxAudioRealtek64.dll : 4.4.10.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxSpeechAPO64.dll : 1.1.4.0
MaxxVoiceAPO2064.dll : 2.6.2.0
MaxxVoiceAPO30.dll : 3.1.13.0
MaxxVoiceAPO3064.dll : 3.1.13.0
MaxxVoiceAPO4064.dll : 4.0.8.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.81
MBAPO264.dll : 1.2.16.81
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17231
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.16384
OrangeBlackSkinImages64.dll : 1.0.483.0
PremiumBlackSkinImages64.dll : 1.0.483.0
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.2.5.6
RltkAPO.dll : 11.0.6000.433
RltkAPO64.dll : 11.0.6000.433
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.169
RTCOMDLL.dll : 2.0.0.169
RtDataProc.dll : 1.0.0.14
RtDataProc64.dll : 1.0.0.14
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.1.87
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.5
RtkCoLDR64.dll : 1.0.0.1
RtkXInterface.dll : 1.0.0.13

RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.320
SEAPO64.dll : 2.0.5.4
SECOMN32.dll : 2.0.5.4
SECOMN64.dll : 2.0.5.4
SEHDRA64.dll : 2.0.5.4
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.6.0.7270
sl3apo64.dll : 3.1.38.0
slcc3d64.dll : 1.0.0.100
slcnt64.dll : 3.1.38.0
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
slprp64.dll : 1.0.0.1
sltech64.dll : 3.1.38.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.24.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0
SRAPO64.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRCOM64.dll : 4.0.0.59
SRRPTR64.dll : 4.0.0.59
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo264.dll : 1.2.2.0
tepeqapo64.dll : 1.1.0.0
ToastDll64.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tosasfapo64.dll : 2.0.4.0
toseaeapo64.dll : 2.0.4.0
tossaeapo64.dll : 2.0.4.0
tossaemaxapo64.dll : 1.0.0.0
WavesGUILib64.dll : 4.4.5.0
WhiteJadeSkinImages64.dll : 1.0.483.0
YamahaAE.dll : 1.1.3.0

```
  YamahaAE2.dll                                        : 4.0.0.0
  RCORES64.dat                                         : 1.5.6.6

HDMI Driver : ------------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                          : 5.10.0.6519
  Rtaupd.exe                                           : 2.8.0.5
  RHCoInstXP.dll                                       : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                         : 5.10.0.6519
  Rtaupd64.exe                                         : 2.8.0.5
  RHCoInst64XP.dll                                     : 1.1.5.1

  Vista, Win7, Win8 x86 :
  RtHDMIV.sys                                          : 6.0.1.6650
  RtkAudioSrvATI.exe                                   : 1.0.0.23
  RtkUpd.exe                                           : 2.8.0.6
  R4EEA32H.dll                                         : 7.2.8000.13
  R4EED32H.dll                                         : 7.2.8000.13
  R4EEG32H.dll                                         : 7.2.8000.13
  R4EEL32H.dll                                         : 7.2.8000.13
  R4EEP32H.dll                                         : 7.2.8000.13
  RH3DAA32.dll                                         : 6.0.6001.18
  RH3DHT32.dll                                         : 6.0.6001.18
  RHCoInst.dll                                         : 1.1.5.1
  RHDMIExt.dll                                         : 6.0.6000.228
  RTEED32H.dll                                         : 6.1.6001.33
  RTEEG32H.dll                                         : 6.1.6001.33
  RTEEL32H.dll                                         : 6.1.6001.33
  RTEEP32H.dll                                         : 6.1.6001.33
  RtkHDMI.dll                                          : 11.0.6000.259

  Vista, Win7, Win8 x64 :
  RtHDMIVX.sys                                         : 6.0.1.6650
  RtkAudioSrvATI64.exe                                 : 1.0.0.23
  RtkUpd64.exe                                         : 2.8.0.6
  R4EEA64H.dll                                         : 7.2.8000.13
  R4EED64H.dll                                         : 7.2.8000.13
  R4EEG64H.dll                                         : 7.2.8000.13
  R4EEL64H.dll                                         : 7.2.8000.13
  R4EEP64H.dll                                         : 7.2.8000.13
  RH3DAA64.dll                                         : 6.0.6001.18
  RH3DHT64.dll                                         : 6.0.6001.18
  RHCoInst64.dll                                       : 1.1.5.1
  RHDMEx64.dll                                         : 6.0.6000.228
  RTEED64H.dll                                         : 6.1.6001.33
  RTEEG64H.dll                                         : 6.1.6001.33
  RTEEL64H.dll                                         : 6.1.6001.33
  RTEEP64H.dll                                         : 6.1.6001.33
  RtkHDM64.dll                                         : 11.0.6000.259

  Driver Setup Program                                 : 4.27
```

```
  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.78
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista, Windows 7, Windows 8, Windows 8.1, Windows 10 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC891, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC667, ALC668, ALC670, ALC671,
ALC672, ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC236, ALC255, ALC256, ALC260,
ALC262, ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280,
ALC282, ALC283, ALC284, ALC286, ALC288, ALC290, ALC292, ALC293, ALC298, ALC383
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC, ALC861VD, ALC891, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC667, ALC668, ALC670, ALC671,
ALC672, ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC236, ALC255, ALC256, ALC260,
ALC262, ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280,
ALC282, ALC283, ALC284, ALC286, ALC290, ALC292, ALC293, ALC383
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1, Windows 10 -
x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.


Vista, Win7, Win8, Win8.1, Win10 :
----------------------------------------------------
  Vista, Win7, Win8, Win8.1, Win10 driver for x86
  RTKVHDA.sys                                       : 6.0.1.7512
  AERTSrv.exe                                       : 1.0.32.10
  CreateRtkToastLnk.exe                             : 1.0.0.1
  CXAPOAgent.exe                                    : 1.1.0.0
  DTSAudioService.exe                               : 1.0.0.0
  DTSU2PAuSrv32.exe                                 : 2.1.1.0
  FMAPP.exe                                         : 1.32.0.5
  MaxxAudioMeters.exe                               : 4.1.6.0
  RtHDVBg.exe                                       : 1.0.0.220
  RtHDVCpl.exe                                      : 1.0.0.966
  RtkAudioService.exe                               : 1.0.0.64
  RtkNGUI.exe                                       : 1.0.478.0
  RtlUpd.exe                                        : 3.0.0.0
  vncutil.exe                                       : 1.0.0.45
  mbfilt32.sys                                      : 6.10.0.8
  RTSndMgr.cpl                                      : 1.0.0.42
```

AERTACap.dll : 2.10.32.0
AERTARen.dll : 1.0.32.11
BlackBlueSkinImages.dll : 1.0.478.0
BlackSkinImages.dll : 1.0.478.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.25.0.0
DarkSkinImages.dll : 1.0.478.0
DDPA32.dll : 7.6.5.1
DDPD32A.dll : 7.6.5.1
DDPO32A.dll : 7.6.5.1
DDPP32A.dll : 7.6.5.1
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.1.1.0
DTSU2PLFX32.dll : 2.1.1.0
DTSU2PREC32.dll : 2.1.1.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 70.5.1.66
GrayJadeSkinImages.dll : 1.0.478.0
ICEsoundAPO.dll : 1.0.0.15
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.5.5.0
MaxxAudioAPO50.dll : 5.6.0.0
MaxxAudioAPO60.dll : 6.1.11.0
MaxxAudioAPO70.dll : 7.0.10.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioEQ.dll : 4.1.1.0
MaxxAudioRealtek.dll : 4.4.10.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxVoiceAPO20.dll : 2.6.0.0
MaxxVoiceAPO30.dll : 3.1.7.0
MaxxVoiceAPO40.dll : 4.0.8.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.81
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020

NAHIMICAPOlfx.dll : 6.3.9600.17231
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.16384
OrangeBlackSkinImages.dll : 1.0.478.0
PremiumBlackSkinImages.dll : 1.0.478.0
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RltkAPO.dll : 11.0.6000.426
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.169
RtDataProc.dll : 1.0.0.14
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkApoApi.dll : 1.0.1.85
RtkCfg.dll : 1.0.0.4
RtkCoInstII.dll : 2.2.4.7
RtkCoLDR.dll : 1.0.0.1
RtkPgExt.dll : 6.0.6000.320
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SEAPO32.dll : 2.0.5.4
SECOMN32.dll : 2.0.5.4
SEHDRA32.dll : 2.0.5.4
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.1.38.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.1.38.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.1.38.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0

SRAPO.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRRPTR.dll : 4.0.0.59
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.2.0
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tossaemaxapo32.dll : 1.0.0.0
WavesGUILib.dll : 4.4.5.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.478.0
RCORES.dat : 1.5.6.6

Vista, Win7, Win8, Win8.1, Win10 driver for x64
RTKVHD64.sys : 6.0.1.7512
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
CXAPOAgent64.exe : 1.1.0.0
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
FMAPP.exe : 1.64.0.5
MaxxAudioMeters64.exe : 4.1.6.0
RAVBg64.exe : 1.0.0.220
RAVCpl64.exe : 1.0.0.966
RtkAudioService64.exe : 1.0.0.64
RtkNGUI64.exe : 1.0.478.0
RtlUpd64.exe : 3.0.0.0
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.42
AERTAC64.dll : 2.10.64.0
AERTAR64.dll : 1.0.64.11
BlackBlueSkinImages64.dll : 1.0.478.0
BlackSkinImages64.dll : 1.0.478.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.25.0.0
CX64APO.dll : 1.25.0.0
DarkSkinImages64.dll : 1.0.478.0
DDPA64.dll : 7.6.5.1
DDPA64F3.dll : 7.6.7.1
DDPD64A.dll : 7.6.5.1
DDPD64AF3.dll : 7.6.7.1
DDPO64A.dll : 7.6.5.1
DDPO64AF3.dll : 7.6.7.1
DDPP64A.dll : 7.6.5.1
DDPP64AF3.dll : 7.6.7.1
DTSBassEnhancementDLL64.dll : 1.0.0.1

DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 70.6.1.66
GrayJadeSkinImages64.dll : 1.0.478.0
ICEsoundAPO64.dll : 1.0.0.15
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.5.5.0
MaxxAudioAPO5064.dll : 5.6.0.0
MaxxAudioAPO6064.dll : 6.1.11.0
MaxxAudioAPO7064.dll : 7.0.10.0
MaxxAudioAPOShell64.dll : 4.10.8.0
MaxxAudioEQ64.dll : 4.1.1.0
MaxxAudioRealtek64.dll : 4.4.10.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxSpeechAPO64.dll : 1.1.4.0
MaxxVoiceAPO2064.dll : 2.6.0.0
MaxxVoiceAPO30.dll : 3.1.7.0
MaxxVoiceAPO3064.dll : 3.1.7.0
MaxxVoiceAPO4064.dll : 4.0.8.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.81
MBAPO264.dll : 1.2.16.81
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17231
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.16384
OrangeBlackSkinImages64.dll : 1.0.478.0
PremiumBlackSkinImages64.dll : 1.0.478.0
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17

R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.2.4.7
RltkAPO.dll : 11.0.6000.426
RltkAPO64.dll : 11.0.6000.426
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.169
RTCOMDLL.dll : 2.0.0.169
RtDataProc.dll : 1.0.0.14
RtDataProc64.dll : 1.0.0.14
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.1.85
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.4
RtkCoLDR64.dll : 1.0.0.1
RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.320
SEAPO64.dll : 2.0.5.4
SECOMN32.dll : 2.0.5.4
SECOMN64.dll : 2.0.5.4
SEHDRA64.dll : 2.0.5.4
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.6.0.7270
sl3apo64.dll : 3.1.38.0
slcc3d64.dll : 1.0.0.100
slcnt64.dll : 3.1.38.0
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
slprp64.dll : 1.0.0.1
sltech64.dll : 3.1.38.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.24.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0

SRAPO64.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRCOM64.dll : 4.0.0.59
SRRPTR64.dll : 4.0.0.59
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo264.dll : 1.2.2.0
tepeqapo64.dll : 1.1.0.0
ToastDll64.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tosasfapo64.dll : 2.0.4.0
toseaeapo64.dll : 2.0.4.0
tossaeapo64.dll : 2.0.4.0
tossaemaxapo64.dll : 1.0.0.0
WavesGUILib64.dll : 4.4.5.0
WhiteJadeSkinImages64.dll : 1.0.478.0
YamahaAE.dll : 1.1.3.0
YamahaAE2.dll : 4.0.0.0
RCORES64.dat : 1.5.6.6

HDMI Driver : ----------

Windows 2000/XP x86 :
RtkHDMI.sys : 5.10.0.6519
Rtaupd.exe : 2.8.0.5
RHCoInstXP.dll : 1.1.5.1

Windows XP x64 :
RtkHDMIX.sys : 5.10.0.6519
Rtaupd64.exe : 2.8.0.5
RHCoInst64XP.dll : 1.1.5.1

Vista, Win7, Win8 x86 :
RtHDMIV.sys : 6.0.1.6650
RtkAudioSrvATI.exe : 1.0.0.23
RtkUpd.exe : 2.8.0.6
R4EEA32H.dll : 7.2.8000.13
R4EED32H.dll : 7.2.8000.13
R4EEG32H.dll : 7.2.8000.13
R4EEL32H.dll : 7.2.8000.13
R4EEP32H.dll : 7.2.8000.13
RH3DAA32.dll : 6.0.6001.18
RH3DHT32.dll : 6.0.6001.18
RHCoInst.dll : 1.1.5.1
RHDMIExt.dll : 6.0.6000.228
RTEED32H.dll : 6.1.6001.33
RTEEG32H.dll : 6.1.6001.33
RTEEL32H.dll : 6.1.6001.33
RTEEP32H.dll : 6.1.6001.33
RtkHDMI.dll : 11.0.6000.259

Vista, Win7, Win8 x64 :

```
  RtHDMIVX.sys                                        : 6.0.1.6650
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.6
  R4EEA64H.dll                                        : 7.2.8000.13
  R4EED64H.dll                                        : 7.2.8000.13
  R4EEG64H.dll                                        : 7.2.8000.13
  R4EEL64H.dll                                        : 7.2.8000.13
  R4EEP64H.dll                                        : 7.2.8000.13
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.1.5.1
  RHDMEx64.dll                                        : 6.0.6000.228
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.259

  Driver Setup Program                                : 4.24

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.77
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista, Windows 7, Windows 8, Windows 8.1, Windows 10 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC891, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC667, ALC668, ALC670, ALC671,
ALC672, ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC236, ALC255, ALC256, ALC260,
ALC262, ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280,
ALC282, ALC283, ALC284, ALC286, ALC288, ALC290, ALC292, ALC293, ALC298, ALC383
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC, ALC861VD, ALC891, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC667, ALC668, ALC670, ALC671,
ALC672, ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC236, ALC255, ALC256, ALC260,
ALC262, ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280,
ALC282, ALC283, ALC284, ALC286, ALC290, ALC292, ALC293, ALC383
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1, Windows 10 -
x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Support Windows 10
```

Windows 2000/XP : ----------

Vista, Win7, Win8, Win8.1, Win10 driver for x86

RTKVHDA.sys	: 6.0.1.7503
AERTSrv.exe	: 1.0.32.10
CreateRtkToastLnk.exe	: 1.0.0.1
CXAPOAgent.exe	: 1.1.0.0
DTSAudioService.exe	: 1.0.0.0
DTSU2PAuSrv32.exe	: 2.1.1.0
FMAPP.exe	: 1.32.0.5
MaxxAudioMeters.exe	: 4.1.6.0
RtHDVBg.exe	: 1.0.0.220
RtHDVCpl.exe	: 1.0.0.965
RtkAudioService.exe	: 1.0.0.64
RtkNGUI.exe	: 1.0.476.0
RtlUpd.exe	: 3.0.0.0
vncutil.exe	: 1.0.0.45
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.42
AERTACap.dll	: 2.10.32.0
AERTARen.dll	: 1.0.32.11
BlackBlueSkinImages.dll	: 1.0.476.0
BlackSkinImages.dll	: 1.0.476.0
CONEQMSAPO.dll	: 1.0.0.19
CONEQMSAPOGUILibrary.dll	: 1.0.0.4
CX32APO.dll	: 1.25.0.0
DarkSkinImages.dll	: 1.0.476.0
DDPA32.dll	: 7.6.5.1
DDPD32A.dll	: 7.6.5.1
DDPO32A.dll	: 7.6.5.1
DDPP32A.dll	: 7.6.5.1
DTSBassEnhancementDLL.dll	: 1.0.0.1
DTSBoostDLL.dll	: 1.0.0.1
DTSGainCompensatorDLL.dll	: 1.0.0.1
DTSGFXAPO.dll	: 1.0.0.3
DTSGFXAPONS.dll	: 1.0.0.3
DTSLFXAPO.dll	: 1.0.0.3
DTSLimiterDLL.dll	: 1.0.0.1
DTSNeoPCDLL.dll	: 1.0.0.1
DTSS2HeadphoneDLL.dll	: 1.0.0.1
DTSS2SpeakerDLL.dll	: 1.0.0.1
DTSSymmetryDLL.dll	: 1.0.0.1
DTSU2PGFX32.dll	: 2.1.1.0
DTSU2PLFX32.dll	: 2.1.1.0
DTSU2PREC32.dll	: 2.1.1.0
DTSVoiceClarityDLL.dll	: 1.0.0.1
FMAPO.dll	: 70.5.1.66
GrayJadeSkinImages.dll	: 1.0.476.0
ICEsoundAPO.dll	: 1.0.0.15
KAAPORT.dll	: 4.1105.6000.53
MaxxAudioAPO.dll	: 1.2.2.0
MaxxAudioAPO20.dll	: 2.2.9.0
MaxxAudioAPO30.dll	: 3.6.0.0
MaxxAudioAPO40.dll	: 4.5.5.0

MaxxAudioAPO50.dll : 5.6.0.0
MaxxAudioAPO60.dll : 6.1.6.0
MaxxAudioAPO70.dll : 7.0.10.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioEQ.dll : 4.1.1.0
MaxxAudioRealtek.dll : 4.4.10.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxVoiceAPO20.dll : 2.6.0.0
MaxxVoiceAPO30.dll : 3.1.7.0
MaxxVoiceAPO40.dll : 4.0.8.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.81
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17231
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.16384
OrangeBlackSkinImages.dll : 1.0.476.0
PremiumBlackSkinImages.dll : 1.0.476.0
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RltkAPO.dll : 11.0.6000.423
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.168
RtDataProc.dll : 1.0.0.14
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkApoApi.dll : 1.0.1.85
RtkCfg.dll : 1.0.0.4
RtkCoInstII.dll : 2.2.4.6
RtkCoLDR.dll : 1.0.0.1
RtkPgExt.dll : 6.0.6000.319
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SEAPO32.dll : 2.0.5.2
SECOMN32.dll : 2.0.5.2
SEHDRA32.dll : 2.0.5.2
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13

SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.1.38.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.1.38.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.1.38.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRAPO.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRRPTR.dll : 4.0.0.59
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.2.0
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tossaemaxapo32.dll : 1.0.0.0
WavesGUILib.dll : 4.4.5.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.476.0
RCORES.dat : 1.5.6.6

Vista, Win7, Win8, Win8.1, Win10 driver for x64
RTKVHD64.sys : 6.0.1.7503
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
CXAPOAgent64.exe : 1.1.0.0
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
FMAPP.exe : 1.64.0.5
MaxxAudioMeters64.exe : 4.1.6.0
RAVBg64.exe : 1.0.0.220
RAVCpl64.exe : 1.0.0.965
RtkAudioService64.exe : 1.0.0.64
RtkNGUI64.exe : 1.0.476.0
RtlUpd64.exe : 3.0.0.0
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8

RTSnMg64.cpl : 1.0.0.42
AERTAC64.dll : 2.10.64.0
AERTAR64.dll : 1.0.64.11
BlackBlueSkinImages64.dll : 1.0.476.0
BlackSkinImages64.dll : 1.0.476.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.25.0.0
CX64APO.dll : 1.25.0.0
DarkSkinImages64.dll : 1.0.476.0
DDPA64.dll : 7.6.5.1
DDPA64F3.dll : 7.6.7.1
DDPD64A.dll : 7.6.5.1
DDPD64AF3.dll : 7.6.7.1
DDPO64A.dll : 7.6.5.1
DDPO64AF3.dll : 7.6.7.1
DDPP64A.dll : 7.6.5.1
DDPP64AF3.dll : 7.6.7.1
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 70.6.1.66
GrayJadeSkinImages64.dll : 1.0.476.0
ICEsoundAPO64.dll : 1.0.0.15
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.5.5.0
MaxxAudioAPO5064.dll : 5.6.0.0
MaxxAudioAPO6064.dll : 6.1.6.0
MaxxAudioAPO7064.dll : 7.0.10.0
MaxxAudioAPOShell64.dll : 4.10.8.0
MaxxAudioEQ64.dll : 4.1.1.0
MaxxAudioRealtek64.dll : 4.4.10.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxSpeechAPO64.dll : 1.1.4.0
MaxxVoiceAPO2064.dll : 2.6.0.0
MaxxVoiceAPO30.dll : 3.1.7.0
MaxxVoiceAPO3064.dll : 3.1.7.0
MaxxVoiceAPO4064.dll : 4.0.8.0

MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.81
MBAPO264.dll : 1.2.16.81
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17231
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.16384
OrangeBlackSkinImages64.dll : 1.0.476.0
PremiumBlackSkinImages64.dll : 1.0.476.0
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.2.4.6
RltkAPO.dll : 11.0.6000.423
RltkAPO64.dll : 11.0.6000.423
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.168
RTCOMDLL.dll : 2.0.0.168
RtDataProc.dll : 1.0.0.14
RtDataProc64.dll : 1.0.0.14
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.1.85
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.4
RtkCoLDR64.dll : 1.0.0.1
RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.319
SEAPO64.dll : 2.0.5.2
SECOMN32.dll : 2.0.5.2
SECOMN64.dll : 2.0.5.2
SEHDRA64.dll : 2.0.5.2
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16

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  SFProc64.dll                                        : 2.0.0.13
  SFSAPO64.dll                                        : 2.0.0.13
  SFSS_APO.dll                                        : 1.6.0.7270
  sl3apo64.dll                                        : 3.1.38.0
  slcc3d64.dll                                        : 1.0.0.100
  slcnt64.dll                                         : 3.1.38.0
  slcshp64.dll                                        : 1.0.3.0
  slcsii64.dll                                        : 1.0.3.0
  slgeq64.dll                                         : 1.0.1.0
  slh36064.dll                                        : 1.0.2.0
  slhlim64.dll                                        : 2.1.0.0
  slInit64.dll                                        : 1.1.3.0
  slmaxv64.dll                                        : 1.2.1.0
  slprp64.dll                                         : 1.0.0.1
  sltech64.dll                                        : 3.1.38.0
  sltshd64.dll                                        : 1.2.0.0
  sluapo64.dll                                        : 2.3.24.0
  slvipp64.dll                                        : 1.0.1.0
  slviq64.dll                                         : 2.1.0.0
  SRAPO64.dll                                         : 4.0.0.59
  SRCOM.dll                                           : 4.0.0.59
  SRCOM64.dll                                         : 4.0.0.59
  SRRPTR64.dll                                        : 4.0.0.59
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
  tadefxapo.dll                                       : 1.0.1.12
  tadefxapo264.dll                                    : 1.2.2.0
  tepeqapo64.dll                                      : 1.1.0.0
  ToastDll64.dll                                      : 1.0.0.2
  tosade.dll                                          : 1.0.1.12
  tosasfapo64.dll                                     : 2.0.4.0
  toseaeapo64.dll                                     : 2.0.4.0
  tossaeapo64.dll                                     : 2.0.4.0
  tossaemaxapo64.dll                                  : 1.0.0.0
  WavesGUILib64.dll                                   : 4.4.5.0
  WhiteJadeSkinImages64.dll                           : 1.0.476.0
  YamahaAE.dll                                        : 1.1.3.0
  YamahaAE2.dll                                       : 4.0.0.0
  RCORES64.dat                                        : 1.5.6.6

HDMI Driver : ------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                         : 5.10.0.6519
  Rtaupd.exe                                          : 2.8.0.5
  RHCoInstXP.dll                                      : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                        : 5.10.0.6519
  Rtaupd64.exe                                        : 2.8.0.5
  RHCoInst64XP.dll                                    : 1.1.5.1

  Vista, Win7, Win8 x86 :
```

```
  RtHDMIV.sys                                          : 6.0.1.6650
  RtkAudioSrvATI.exe                                   : 1.0.0.23
  RtkUpd.exe                                           : 2.8.0.6
  R4EEA32H.dll                                         : 7.2.8000.13
  R4EED32H.dll                                         : 7.2.8000.13
  R4EEG32H.dll                                         : 7.2.8000.13
  R4EEL32H.dll                                         : 7.2.8000.13
  R4EEP32H.dll                                         : 7.2.8000.13
  RH3DAA32.dll                                         : 6.0.6001.18
  RH3DHT32.dll                                         : 6.0.6001.18
  RHCoInst.dll                                         : 1.1.5.1
  RHDMIExt.dll                                         : 6.0.6000.228
  RTEED32H.dll                                         : 6.1.6001.33
  RTEEG32H.dll                                         : 6.1.6001.33
  RTEEL32H.dll                                         : 6.1.6001.33
  RTEEP32H.dll                                         : 6.1.6001.33
  RtkHDMI.dll                                          : 11.0.6000.259

  Vista, Win7, Win8 x64 :
  RtHDMIVX.sys                                         : 6.0.1.6650
  RtkAudioSrvATI64.exe                                 : 1.0.0.23
  RtkUpd64.exe                                         : 2.8.0.6
  R4EEA64H.dll                                         : 7.2.8000.13
  R4EED64H.dll                                         : 7.2.8000.13
  R4EEG64H.dll                                         : 7.2.8000.13
  R4EEL64H.dll                                         : 7.2.8000.13
  R4EEP64H.dll                                         : 7.2.8000.13
  RH3DAA64.dll                                         : 6.0.6001.18
  RH3DHT64.dll                                         : 6.0.6001.18
  RHCoInst64.dll                                       : 1.1.5.1
  RHDMEx64.dll                                         : 6.0.6000.228
  RTEED64H.dll                                         : 6.1.6001.33
  RTEEG64H.dll                                         : 6.1.6001.33
  RTEEL64H.dll                                         : 6.1.6001.33
  RTEEP64H.dll                                         : 6.1.6001.33
  RtkHDM64.dll                                         : 11.0.6000.259

  Driver Setup Program                                 : 4.24

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.76
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista, Windows 7, Windows 8, Windows 8.1 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC891, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC667, ALC668, ALC670, ALC671,
ALC672, ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC236, ALC255, ALC256, ALC260,
ALC262, ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280,
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ALC282, ALC283, ALC284, ALC286, ALC288, ALC290, ALC292, ALC293, ALC298, ALC383
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VC, ALC861VD, ALC891, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC667, ALC668, ALC670, ALC671, ALC672, ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC236, ALC255, ALC256, ALC260, ALC262, ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC283, ALC284, ALC286, ALC290, ALC292, ALC293, ALC383
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000 SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Add Codec ALC667, ALC256, ALC236, ALC293

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.7111
RTKHDAUD.sys	: 5.10.0.7111
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.4.2.2
RtkAudioService.exe	: 1.0.0.19
RtkAudioService64.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd.exe	: 2.9.0.1
RtlUpd64.exe	: 2.9.0.1
SoundMan.exe	: 1.0.0.32
vncutil.exe	: 1.0.0.38
vncutil64.exe	: 1.0.0.38
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.9
RCoInstII64XP.dll	: 2.1.6.3
RTCOMDLL.dll	: 1.0.0.116
RtkCoInstIIXP.dll	: 2.1.6.3
RtkCoLDR64XP.dll	: 1.0.0.1
RtkCoLDRXP.dll	: 1.0.0.1
RtlCPAPI.dll	: 1.0.2.6

Vista, Win7, Win8, Win8.1 driver :

Vista, Win7, Win8, Win8.1 driver for x86	
RTKVHDA.sys	: 6.0.1.7487
AERTSrv.exe	: 1.0.32.10

CreateRtkToastLnk.exe : 1.0.0.1
CXAPOAgent.exe : 1.1.0.0
DTSAudioService.exe : 1.0.0.0
DTSU2PAuSrv32.exe : 2.1.1.0
FMAPP.exe : 1.32.0.5
MaxxAudioMeters.exe : 4.1.6.0
RtHDVBg.exe : 1.0.0.218
RtHDVCpl.exe : 1.0.0.965
RtkAudioService.exe : 1.0.0.62
RtkNGUI.exe : 1.0.469.1
RtlUpd.exe : 2.9.0.8
vncutil.exe : 1.0.0.45
mbfilt32.sys : 6.10.0.8
RTSndMgr.cpl : 1.0.0.42
AERTACap.dll : 2.10.32.0
AERTARen.dll : 1.0.32.11
BlackBlueSkinImages.dll : 1.0.469.1
BlackSkinImages.dll : 1.0.469.1
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.25.0.0
DarkSkinImages.dll : 1.0.469.1
DDPA32.dll : 7.6.5.1
DDPD32A.dll : 7.6.5.1
DDPO32A.dll : 7.6.5.1
DDPP32A.dll : 7.6.5.1
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.1.1.0
DTSU2PLFX32.dll : 2.1.1.0
DTSU2PREC32.dll : 2.1.1.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 70.5.1.66
GrayJadeSkinImages.dll : 1.0.469.1
ICEsoundAPO.dll : 1.0.0.14
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.5.5.0
MaxxAudioAPO50.dll : 5.6.0.0
MaxxAudioAPO60.dll : 6.1.6.0
MaxxAudioAPO70.dll : 7.0.10.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioEQ.dll : 4.1.1.0

MaxxAudioRealtek.dll : 4.4.10.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxVoiceAPO20.dll : 2.6.0.0
MaxxVoiceAPO30.dll : 3.1.7.0
MaxxVoiceAPO40.dll : 4.0.8.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.79
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17231
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.16384
OrangeBlackSkinImages.dll : 1.0.469.1
PremiumBlackSkinImages.dll : 1.0.469.1
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RltkAPO.dll : 11.0.6000.422
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.167
RtDataProc.dll : 1.0.0.14
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkApoApi.dll : 1.0.1.85
RtkCfg.dll : 1.0.0.4
RtkCoInstII.dll : 2.2.4.0
RtkCoLDR.dll : 1.0.0.1
RtkPgExt.dll : 6.0.6000.319
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SEAPO32.dll : 2.0.5.2
SECOMN32.dll : 2.0.5.2
SEHDRA32.dll : 2.0.5.2
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.1.38.0
slcc3d32.dll : 1.0.0.100

slcnt32.dll : 3.1.38.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.1.38.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRAPO.dll : 4.0.0.59
SRCOM.dll : 4.0.0.59
SRRPTR.dll : 4.0.0.59
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.2.0
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.2
tosade.dll : 1.0.1.12
tossaemaxapo32.dll : 1.0.0.0
WavesGUILib.dll : 4.4.5.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.469.1
RCORES.dat : 1.5.6.6

Vista, Win7, Win8, Win8.1 driver for x64
RTKVHD64.sys : 6.0.1.7487
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
CXAPOAgent64.exe : 1.1.0.0
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
FMAPP.exe : 1.64.0.5
MaxxAudioMeters64.exe : 4.1.6.0
RAVBg64.exe : 1.0.0.218
RAVCpl64.exe : 1.0.0.965
RtkAudioService64.exe : 1.0.0.62
RtkNGUI64.exe : 1.0.469.1
RtlUpd64.exe : 2.9.0.8
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.42
AERTAC64.dll : 2.10.64.0
AERTAR64.dll : 1.0.64.11
BlackBlueSkinImages64.dll : 1.0.469.1
BlackSkinImages64.dll : 1.0.469.1

CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
CX32APO.dll : 1.25.0.0
CX64APO.dll : 1.25.0.0
DarkSkinImages64.dll : 1.0.469.1
DDPA64.dll : 7.6.5.1
DDPA64F3.dll : 7.6.7.1
DDPD64A.dll : 7.6.5.1
DDPD64AF3.dll : 7.6.7.1
DDPO64A.dll : 7.6.5.1
DDPO64AF3.dll : 7.6.7.1
DDPP64A.dll : 7.6.5.1
DDPP64AF3.dll : 7.6.7.1
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 70.6.1.66
GrayJadeSkinImages64.dll : 1.0.469.1
ICEsoundAPO64.dll : 1.0.0.14
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.5.5.0
MaxxAudioAPO5064.dll : 5.6.0.0
MaxxAudioAPO6064.dll : 6.1.6.0
MaxxAudioAPO7064.dll : 7.0.10.0
MaxxAudioAPOShell64.dll : 4.10.8.0
MaxxAudioEQ64.dll : 4.1.1.0
MaxxAudioRealtek64.dll : 4.4.10.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxSpeechAPO64.dll : 1.1.4.0
MaxxVoiceAPO2064.dll : 2.6.0.0
MaxxVoiceAPO30.dll : 3.1.7.0
MaxxVoiceAPO3064.dll : 3.1.7.0
MaxxVoiceAPO4064.dll : 4.0.8.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.79
MBAPO264.dll : 1.2.16.79
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0

MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.17231
NahimicAPONSControl.dll : 1.0.0.14866
NAHIMICV2apo.dll : 6.3.9600.16384
OrangeBlackSkinImages64.dll : 1.0.469.1
PremiumBlackSkinImages64.dll : 1.0.469.1
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.2.4.0
RltkAPO.dll : 11.0.6000.422
RltkAPO64.dll : 11.0.6000.422
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.167
RTCOMDLL.dll : 2.0.0.167
RtDataProc.dll : 1.0.0.14
RtDataProc64.dll : 1.0.0.14
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.1.85
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.4
RtkCoLDR64.dll : 1.0.0.1
RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.319
SEAPO64.dll : 2.0.5.2
SECOMN32.dll : 2.0.5.2
SECOMN64.dll : 2.0.5.2
SEHDRA64.dll : 2.0.5.2
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.6.0.7270
sl3apo64.dll : 3.1.38.0
slcc3d64.dll : 1.0.0.100

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  slcnt64.dll                                          : 3.1.38.0
  slcshp64.dll                                         : 1.0.3.0
  slcsii64.dll                                         : 1.0.3.0
  slgeq64.dll                                          : 1.0.1.0
  slh36064.dll                                         : 1.0.2.0
  slhlim64.dll                                         : 2.1.0.0
  slInit64.dll                                         : 1.1.3.0
  slmaxv64.dll                                         : 1.2.1.0
  slprp64.dll                                          : 1.0.0.1
  sltech64.dll                                         : 3.1.38.0
  sltshd64.dll                                         : 1.2.0.0
  sluapo64.dll                                         : 2.3.24.0
  slvipp64.dll                                         : 1.0.1.0
  slviq64.dll                                          : 2.1.0.0
  SRAPO64.dll                                          : 4.0.0.59
  SRCOM.dll                                            : 4.0.0.59
  SRCOM64.dll                                          : 4.0.0.59
  SRRPTR64.dll                                         : 4.0.0.59
  SRSHP64.dll                                          : 1.1.0.0
  SRSTSH64.dll                                         : 1.1.4.0
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.3.0
  tadefxapo.dll                                        : 1.0.1.12
  tadefxapo264.dll                                     : 1.2.2.0
  tepeqapo64.dll                                       : 1.1.0.0
  ToastDll64.dll                                       : 1.0.0.2
  tosade.dll                                           : 1.0.1.12
  tosasfapo64.dll                                      : 2.0.4.0
  toseaeapo64.dll                                      : 2.0.4.0
  tossaeapo64.dll                                      : 2.0.4.0
  tossaemaxapo64.dll                                   : 1.0.0.0
  WavesGUILib64.dll                                    : 4.4.5.0
  WhiteJadeSkinImages64.dll                            : 1.0.469.1
  YamahaAE.dll                                         : 1.1.3.0
  YamahaAE2.dll                                        : 3.2.0.0
  RCORES64.dat                                         : 1.5.6.6

HDMI Driver : ------------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                          : 5.10.0.6519
  Rtaupd.exe                                           : 2.8.0.5
  RHCoInstXP.dll                                       : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                         : 5.10.0.6519
  Rtaupd64.exe                                         : 2.8.0.5
  RHCoInst64XP.dll                                     : 1.1.5.1

  Vista, Win7, Win8 x86 :
  RtHDMIV.sys                                          : 6.0.1.6650
  RtkAudioSrvATI.exe                                   : 1.0.0.23
  RtkUpd.exe                                           : 2.8.0.6
  R4EEA32H.dll                                         : 7.2.8000.13
  R4EED32H.dll                                         : 7.2.8000.13
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  R4EEG32H.dll                                        : 7.2.8000.13
  R4EEL32H.dll                                        : 7.2.8000.13
  R4EEP32H.dll                                        : 7.2.8000.13
  RH3DAA32.dll                                        : 6.0.6001.18
  RH3DHT32.dll                                        : 6.0.6001.18
  RHCoInst.dll                                        : 1.1.5.1
  RHDMIExt.dll                                        : 6.0.6000.228
  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.259

  Vista, Win7, Win8 x64 :
  RtHDMIVX.sys                                        : 6.0.1.6650
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.6
  R4EEA64H.dll                                        : 7.2.8000.13
  R4EED64H.dll                                        : 7.2.8000.13
  R4EEG64H.dll                                        : 7.2.8000.13
  R4EEL64H.dll                                        : 7.2.8000.13
  R4EEP64H.dll                                        : 7.2.8000.13
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.1.5.1
  RHDMEx64.dll                                        : 6.0.6000.228
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.259

  Driver Setup Program                                : 4.23

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.75
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista, Windows 7, Windows 8, Windows 8.1 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC867, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC668, ALC670, ALC671, ALC672,
ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC255, ALC260, ALC262, ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC283,
ALC284, ALC286, ALC288, ALC290, ALC292, ALC298, ALC383
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC, ALC861VD, ALC867, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC668, ALC670, ALC671, ALC672,
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ALC676, ALC680
ALC221, ALC231, ALC233, ALC235, ALC255, ALC260, ALC262, ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC283, ALC284, ALC286, ALC290, ALC292, ALC383
3. HDMI Device WHQL Support: ATI HDMI Devices
4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1 - x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000 SP4, XP SP1, XP SP2, Server 2003 SP1.
6. Add/Fix
1.) Driver :
1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.7111
RTKHDAUD.sys	: 5.10.0.7111
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.4.2.2
RtkAudioService.exe	: 1.0.0.19
RtkAudioService64.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd.exe	: 2.9.0.1
RtlUpd64.exe	: 2.9.0.1
SoundMan.exe	: 1.0.0.32
vncutil.exe	: 1.0.0.38
vncutil64.exe	: 1.0.0.38
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.9
RCoInstII64XP.dll	: 2.1.6.3
RTCOMDLL.dll	: 1.0.0.116
RtkCoInstIIXP.dll	: 2.1.6.3
RtkCoLDR64XP.dll	: 1.0.0.1
RtkCoLDRXP.dll	: 1.0.0.1
RtlCPAPI.dll	: 1.0.2.6

Vista, Win7, Win8, Win8.1 driver :

Vista, Win7, Win8, Win8.1 driver for x86	
RTKVHDA.sys	: 6.0.1.7246
AERTSrv.exe	: 1.0.32.10
CreateRtkToastLnk.exe	: 1.0.0.1
DTSAudioService.exe	: 1.0.0.0
DTSU2PAuSrv32.exe	: 2.1.1.0
FMAPP.exe	: 1.32.0.3
MaxxAudioControl.exe	: 3.14.1.0
MaxxAudioMeters.exe	: 4.1.6.0

RtHDVBg.exe : 1.0.0.193
RtHDVCpl.exe : 1.0.0.927
RtkAudioService.exe : 1.0.0.55
RtkNGUI.exe : 1.0.378.0
RtlUpd.exe : 2.9.0.1
vncutil.exe : 1.0.0.45
WavesSvc.exe : 1.4.9.0
WavesSysSvc.exe : 1.1.0.0
mbfilt32.sys : 6.10.0.8
RTSndMgr.cpl : 1.0.0.38
AERTACap.dll : 2.9.32.0
AERTARen.dll : 1.0.32.11
BlackBlueSkinImages.dll : 1.0.378.0
BlackSkinImages.dll : 1.0.378.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
DarkSkinImages.dll : 1.0.378.0
DDPA32.dll : 7.6.3.1
DDPD32A.dll : 7.6.3.1
DDPO32A.dll : 7.6.3.1
DDPP32A.dll : 7.6.3.1
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.1.1.0
DTSU2PLFX32.dll : 2.1.1.0
DTSU2PREC32.dll : 2.1.1.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 50.5.5.66
GrayJadeSkinImages.dll : 1.0.378.0
ICEsoundAPO.dll : 1.0.0.4
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.5.5.0
MaxxAudioAPO50.dll : 5.5.1.0
MaxxAudioAPO60.dll : 6.0.15.0
MaxxAudioAPOShell.dll : 4.15.0.0
MaxxAudioEQ.dll : 4.1.1.0
MaxxAudioRealtek.dll : 4.5.7.0
MaxxAudioRealtek2.dll : 5.2.21.0
MaxxAudioRealtek3.dll : 1.6.12.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxAudioVnA.dll : 1.7.11.0
MaxxAudioVnN.dll : 1.4.5.0

MaxxSpeechAPO.dll : 1.1.4.0
MaxxVoiceAPO20.dll : 2.5.0.0
MaxxVoiceAPO30.dll : 3.0.15.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.62
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.16384
NAHIMICAPOSettingsIPC.dll : 1.0.0.14866
OrangeBlackSkinImages.dll : 1.0.378.0
PremiumBlackSkinImages.dll : 1.0.378.0
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RltkAPO.dll : 11.0.6000.373
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.160
RtDataProc.dll : 1.0.0.12
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkApoApi.dll : 1.0.0.77
RtkCfg.dll : 1.0.0.2
RtkCoInstII.dll : 2.1.9.1
RtkCoLDR.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.6
RtkPgExt.dll : 6.0.6000.305
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.1.23.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.1.23.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0

slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.1.23.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRAPO.dll : 4.0.0.54
SRCOM.dll : 4.0.0.54
SRRPTR.dll : 4.0.0.54
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.1.0
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.2
tosade.dll : 1.0.1.12
WavesGUILib.dll : 4.4.5.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.378.0
RCORES.dat : 1.5.0.3

Vista, Win7, Win8, Win8.1 driver for x64
RTKVHD64.sys : 6.0.1.7246
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
FMAPP.exe : 1.64.0.3
MaxxAudioControl64.exe : 3.14.1.0
MaxxAudioMeters64.exe : 4.1.6.0
RAVBg64.exe : 1.0.0.193
RAVCpl64.exe : 1.0.0.927
RtHDVBg.exe : 1.0.0.190
RtkAudioService64.exe : 1.0.0.55
RtkNGUI64.exe : 1.0.378.0
RtlUpd64.exe : 2.9.0.1
vncutil64.exe : 1.0.0.45
WavesSvc.exe : 1.1.4.0
WavesSvc64.exe : 1.4.9.0
WavesSysSvc64.exe : 1.1.0.0
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.38
AERTAC64.dll : 2.9.64.0
AERTAR64.dll : 1.0.64.11
BlackBlueSkinImages64.dll : 1.0.378.0
BlackSkinImages64.dll : 1.0.378.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
DarkSkinImages64.dll : 1.0.378.0

DDPA64.dll : 7.6.3.1
DDPD64A.dll : 7.6.3.1
DDPO64A.dll : 7.6.3.1
DDPP64A.dll : 7.6.3.1
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 50.6.5.66
GrayJadeSkinImages64.dll : 1.0.378.0
ICEsoundAPO64.dll : 1.0.0.4
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.5.5.0
MaxxAudioAPO5064.dll : 5.5.1.0
MaxxAudioAPO6064.dll : 6.0.15.0
MaxxAudioAPOShell.dll : 4.15.0.0
MaxxAudioAPOShell64.dll : 4.15.0.0
MaxxAudioEQ64.dll : 4.1.1.0
MaxxAudioRealtek264.dll : 5.2.21.0
MaxxAudioRealtek364.dll : 1.6.12.0
MaxxAudioRealtek64.dll : 4.5.7.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxAudioVnA64.dll : 1.7.11.0
MaxxAudioVnN64.dll : 1.4.5.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxSpeechAPO64.dll : 1.1.4.0
MaxxVoiceAPO2064.dll : 2.5.0.0
MaxxVoiceAPO30.dll : 3.0.15.0
MaxxVoiceAPO3064.dll : 3.0.15.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.62
MBAPO264.dll : 1.2.16.62
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020

NAHIMICAPOlfx.dll : 6.3.9600.16384
NAHIMICAPOSettingsIPC.dll : 1.0.0.14866
OrangeBlackSkinImages64.dll : 1.0.378.0
PremiumBlackSkinImages64.dll : 1.0.378.0
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.1.9.1
RltkAPO64.dll : 11.0.6000.373
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.160
RTCOMDLL.dll : 2.0.0.160
RtDataProc.dll : 1.0.0.12
RtDataProc64.dll : 1.0.0.12
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.77
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkCoLDR64.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.6
RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.305
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.6.0.7270
sl3apo64.dll : 3.1.23.0
slcc3d64.dll : 1.0.0.100
slcnt64.dll : 3.1.23.0
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
slprp64.dll : 1.0.0.1
sltech64.dll : 3.1.23.0
sltshd64.dll : 1.2.0.0

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  sluapo64.dll                                          : 2.3.24.0
  slvipp64.dll                                          : 1.0.1.0
  slviq64.dll                                           : 2.1.0.0
  SRAPO64.dll                                           : 4.0.0.54
  SRCOM.dll                                             : 4.0.0.54
  SRCOM64.dll                                           : 4.0.0.54
  SRRPTR64.dll                                          : 4.0.0.54
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  tadefxapo.dll                                         : 1.0.1.12
  tadefxapo264.dll                                      : 1.2.1.0
  tepeqapo64.dll                                        : 1.1.0.0
  ToastDll64.dll                                        : 1.0.0.2
  tosade.dll                                            : 1.0.1.12
  tosasfapo64.dll                                       : 2.0.4.0
  toseaeapo64.dll                                       : 2.0.4.0
  tossaeapo64.dll                                       : 2.0.4.0
  WavesGUILib64.dll                                     : 4.4.5.0
  WhiteJadeSkinImages64.dll                             : 1.0.378.0
  YamahaAE.dll                                          : 1.1.3.0
  RCORES64.dat                                          : 1.5.0.3

HDMI Driver : ------------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                           : 5.10.0.6519
  Rtaupd.exe                                            : 2.8.0.5
  RHCoInstXP.dll                                        : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                          : 5.10.0.6519
  Rtaupd64.exe                                          : 2.8.0.5
  RHCoInst64XP.dll                                      : 1.1.5.1

  Vista, Win7, Win8 x86 :
  RtHDMIV.sys                                           : 6.0.1.6650
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.6
  R4EEA32H.dll                                          : 7.2.8000.13
  R4EED32H.dll                                          : 7.2.8000.13
  R4EEG32H.dll                                          : 7.2.8000.13
  R4EEL32H.dll                                          : 7.2.8000.13
  R4EEP32H.dll                                          : 7.2.8000.13
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.1.5.1
  RHDMIExt.dll                                          : 6.0.6000.228
  RTEED32H.dll                                          : 6.1.6001.33
  RTEEG32H.dll                                          : 6.1.6001.33
  RTEEL32H.dll                                          : 6.1.6001.33
  RTEEP32H.dll                                          : 6.1.6001.33
  RtkHDMI.dll                                           : 11.0.6000.259
```

```
  Vista, Win7, Win8 x64 :
  RtHDMIVX.sys                                          : 6.0.1.6650
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.6
  R4EEA64H.dll                                          : 7.2.8000.13
  R4EED64H.dll                                          : 7.2.8000.13
  R4EEG64H.dll                                          : 7.2.8000.13
  R4EEL64H.dll                                          : 7.2.8000.13
  R4EEP64H.dll                                          : 7.2.8000.13
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.1.5.1
  RHDMEx64.dll                                          : 6.0.6000.228
  RTEED64H.dll                                          : 6.1.6001.33
  RTEEG64H.dll                                          : 6.1.6001.33
  RTEEL64H.dll                                          : 6.1.6001.33
  RTEEP64H.dll                                          : 6.1.6001.33
  RtkHDM64.dll                                          : 11.0.6000.259

  Driver Setup Program                                  : 3.91

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.74
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista, Windows 7, Windows 8, Windows 8.1 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC867, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC668, ALC670, ALC671, ALC672,
ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC255, ALC260, ALC262, ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC283,
ALC284, ALC286, ALC288, ALC290, ALC292, ALC298, ALC383
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC, ALC861VD, ALC867, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC668, ALC670, ALC671, ALC672,
ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC255, ALC260, ALC262, ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC283,
ALC284, ALC286, ALC290, ALC292, ALC383
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.
```

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.7111
RTKHDAUD.sys	: 5.10.0.7111
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.4.2.2
RtkAudioService.exe	: 1.0.0.19
RtkAudioService64.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd.exe	: 2.9.0.1
RtlUpd64.exe	: 2.9.0.1
SoundMan.exe	: 1.0.0.32
vncutil.exe	: 1.0.0.38
vncutil64.exe	: 1.0.0.38
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.9
RCoInstII64XP.dll	: 2.1.6.3
RTCOMDLL.dll	: 1.0.0.116
RtkCoInstIIXP.dll	: 2.1.6.3
RtkCoLDR64XP.dll	: 1.0.0.1
RtkCoLDRXP.dll	: 1.0.0.1
RtlCPAPI.dll	: 1.0.2.6

Vista, Win7, Win8, Win8.1 driver : ----------

Vista, Win7, Win8, Win8.1 driver for x86	
RTKVHDA.sys	: 6.0.1.7240
AERTSrv.exe	: 1.0.32.10
CreateRtkToastLnk.exe	: 1.0.0.1
DTSAudioService.exe	: 1.0.0.0
DTSU2PAuSrv32.exe	: 2.1.1.0
FMAPP.exe	: 1.32.0.3
MaxxAudioControl.exe	: 3.14.1.0
MaxxAudioMeters.exe	: 4.1.6.0
RtHDVBg.exe	: 1.0.0.192
RtHDVCpl.exe	: 1.0.0.926
RtkAudioService.exe	: 1.0.0.55
RtkNGUI.exe	: 1.0.375.0
RtlUpd.exe	: 2.9.0.1
vncutil.exe	: 1.0.0.45
WavesSvc.exe	: 1.4.9.0
WavesSysSvc.exe	: 1.1.0.0
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.38
AERTACap.dll	: 2.9.32.0
AERTARen.dll	: 1.0.32.11
BlackBlueSkinImages.dll	: 1.0.375.0
BlackSkinImages.dll	: 1.0.375.0

CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
DarkSkinImages.dll : 1.0.375.0
DDPA32.dll : 7.6.3.1
DDPD32A.dll : 7.6.3.1
DDPO32A.dll : 7.6.3.1
DDPP32A.dll : 7.6.3.1
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.1.1.0
DTSU2PLFX32.dll : 2.1.1.0
DTSU2PREC32.dll : 2.1.1.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 50.5.5.66
GrayJadeSkinImages.dll : 1.0.375.0
ICEsoundAPO.dll : 1.0.0.4
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.5.5.0
MaxxAudioAPO50.dll : 5.5.1.0
MaxxAudioAPO60.dll : 6.0.15.0
MaxxAudioAPOShell.dll : 4.15.0.0
MaxxAudioEQ.dll : 4.1.1.0
MaxxAudioRealtek.dll : 4.5.7.0
MaxxAudioRealtek2.dll : 5.2.21.0
MaxxAudioRealtek3.dll : 1.6.12.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxAudioVnA.dll : 1.7.11.0
MaxxAudioVnN.dll : 1.4.5.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxVoiceAPO20.dll : 2.5.0.0
MaxxVoiceAPO30.dll : 3.0.15.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.60
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.16384
NAHIMICAPOSettingsIPC.dll : 1.0.0.14866
PremiumBlackSkinImages.dll : 1.0.375.0

R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RltkAPO.dll : 11.0.6000.373
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.160
RtDataProc.dll : 1.0.0.11
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkApoApi.dll : 1.0.0.77
RtkCfg.dll : 1.0.0.2
RtkCoInstII.dll : 2.1.9.1
RtkCoLDR.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.6
RtkPgExt.dll : 6.0.6000.305
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.1.23.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.1.23.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.1.23.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRAPO.dll : 4.0.0.54
SRCOM.dll : 4.0.0.54
SRRPTR.dll : 4.0.0.54
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0

tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.1.0
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.2
tosade.dll : 1.0.1.12
WavesGUILib.dll : 4.4.5.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.375.0
RCORES.dat : 1.4.9.9

Vista, Win7, Win8, Win8.1 driver for x64
RTKVHD64.sys : 6.0.1.7240
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
FMAPP.exe : 1.64.0.3
MaxxAudioControl64.exe : 3.14.1.0
MaxxAudioMeters64.exe : 4.1.6.0
RAVBg64.exe : 1.0.0.192
RAVCpl64.exe : 1.0.0.926
RtHDVBg.exe : 1.0.0.190
RtkAudioService64.exe : 1.0.0.55
RtkNGUI64.exe : 1.0.375.0
RtlUpd64.exe : 2.9.0.1
vncutil64.exe : 1.0.0.45
WavesSvc.exe : 1.1.4.0
WavesSvc64.exe : 1.4.9.0
WavesSysSvc64.exe : 1.1.0.0
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.38
AERTAC64.dll : 2.9.64.0
AERTAR64.dll : 1.0.64.11
BlackBlueSkinImages64.dll : 1.0.375.0
BlackSkinImages64.dll : 1.0.375.0
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
DarkSkinImages64.dll : 1.0.375.0
DDPA64.dll : 7.6.3.1
DDPD64A.dll : 7.6.3.1
DDPO64A.dll : 7.6.3.1
DDPP64A.dll : 7.6.3.1
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1

DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 50.6.5.66
GrayJadeSkinImages64.dll : 1.0.375.0
ICEsoundAPO64.dll : 1.0.0.4
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.5.5.0
MaxxAudioAPO5064.dll : 5.5.1.0
MaxxAudioAPO6064.dll : 6.0.15.0
MaxxAudioAPOShell.dll : 4.15.0.0
MaxxAudioAPOShell64.dll : 4.15.0.0
MaxxAudioEQ64.dll : 4.1.1.0
MaxxAudioRealtek264.dll : 5.2.21.0
MaxxAudioRealtek364.dll : 1.6.12.0
MaxxAudioRealtek64.dll : 4.5.7.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxAudioVnA64.dll : 1.7.11.0
MaxxAudioVnN64.dll : 1.4.5.0
MaxxSpeechAPO.dll : 1.1.4.0
MaxxSpeechAPO64.dll : 1.1.4.0
MaxxVoiceAPO2064.dll : 2.5.0.0
MaxxVoiceAPO30.dll : 3.0.15.0
MaxxVoiceAPO3064.dll : 3.0.15.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.60
MBAPO264.dll : 1.2.16.60
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.270
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.16384
NAHIMICAPOSettingsIPC.dll : 1.0.0.14866
PremiumBlackSkinImages64.dll : 1.0.375.0
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.1.9.1
RltkAPO64.dll : 11.0.6000.373
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.160
RTCOMDLL.dll : 2.0.0.160
RtDataProc.dll : 1.0.0.11

RtDataProc64.dll : 1.0.0.11
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.77
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkCoLDR64.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.6
RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.305
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.6.0.7270
sl3apo64.dll : 3.1.23.0
slcc3d64.dll : 1.0.0.100
slcnt64.dll : 3.1.23.0
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
slprp64.dll : 1.0.0.1
sltech64.dll : 3.1.23.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.24.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0
SRAPO64.dll : 4.0.0.54
SRCOM.dll : 4.0.0.54
SRCOM64.dll : 4.0.0.54
SRRPTR64.dll : 4.0.0.54
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo264.dll : 1.2.1.0
tepeqapo64.dll : 1.1.0.0
ToastDll64.dll : 1.0.0.2
tosade.dll : 1.0.1.12

```
  tosasfapo64.dll                                    : 2.0.4.0
  toseaeapo64.dll                                    : 2.0.4.0
  tossaeapo64.dll                                    : 2.0.4.0
  WavesGUILib64.dll                                  : 4.4.5.0
  WhiteJadeSkinImages64.dll                          : 1.0.375.0
  YamahaAE.dll                                       : 1.1.3.0
  RCORES64.dat                                       : 1.4.9.9

HDMI Driver : ------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                        : 5.10.0.6519
  Rtaupd.exe                                         : 2.8.0.5
  RHCoInstXP.dll                                     : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                       : 5.10.0.6519
  Rtaupd64.exe                                       : 2.8.0.5
  RHCoInst64XP.dll                                   : 1.1.5.1

  Vista, Win7, Win8 x86 :
  RtHDMIV.sys                                        : 6.0.1.6650
  RtkAudioSrvATI.exe                                 : 1.0.0.23
  RtkUpd.exe                                         : 2.8.0.6
  R4EEA32H.dll                                       : 7.2.8000.13
  R4EED32H.dll                                       : 7.2.8000.13
  R4EEG32H.dll                                       : 7.2.8000.13
  R4EEL32H.dll                                       : 7.2.8000.13
  R4EEP32H.dll                                       : 7.2.8000.13
  RH3DAA32.dll                                       : 6.0.6001.18
  RH3DHT32.dll                                       : 6.0.6001.18
  RHCoInst.dll                                       : 1.1.5.1
  RHDMIExt.dll                                       : 6.0.6000.228
  RTEED32H.dll                                       : 6.1.6001.33
  RTEEG32H.dll                                       : 6.1.6001.33
  RTEEL32H.dll                                       : 6.1.6001.33
  RTEEP32H.dll                                       : 6.1.6001.33
  RtkHDMI.dll                                        : 11.0.6000.259

  Vista, Win7, Win8 x64 :
  RtHDMIVX.sys                                       : 6.0.1.6650
  RtkAudioSrvATI64.exe                               : 1.0.0.23
  RtkUpd64.exe                                       : 2.8.0.6
  R4EEA64H.dll                                       : 7.2.8000.13
  R4EED64H.dll                                       : 7.2.8000.13
  R4EEG64H.dll                                       : 7.2.8000.13
  R4EEL64H.dll                                       : 7.2.8000.13
  R4EEP64H.dll                                       : 7.2.8000.13
  RH3DAA64.dll                                       : 6.0.6001.18
  RH3DHT64.dll                                       : 6.0.6001.18
  RHCoInst64.dll                                     : 1.1.5.1
  RHDMEx64.dll                                       : 6.0.6000.228
  RTEED64H.dll                                       : 6.1.6001.33
  RTEEG64H.dll                                       : 6.1.6001.33
  RTEEL64H.dll                                       : 6.1.6001.33
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  RTEEP64H.dll                                          : 6.1.6001.33
  RtkHDM64.dll                                          : 11.0.6000.259

  Driver Setup Program                                  : 3.90

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.73
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista, Windows 7, Windows 8, Windows 8.1 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC867, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC668, ALC670, ALC671, ALC672,
ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC255, ALC260, ALC262, ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC283,
ALC284, ALC286, ALC290, ALC292, ALC383
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC, ALC861VD, ALC867, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC668, ALC670, ALC671, ALC672,
ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC255, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282,
ALC283, ALC284, ALC286 ALC290, ALC292, ALC383
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ------------------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.7083
  RTKHDAUD.sys                                          : 5.10.0.7083
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.4
  RTHDCPL.exe                                           : 2.4.2.2
  RtkAudioService.exe                                   : 1.0.0.19
  RtkAudioService64.exe                                 : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd.exe                                            : 2.9.0.0
  RtlUpd64.exe                                          : 2.9.0.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil.exe                                           : 1.0.0.38
  vncutil64.exe                                         : 1.0.0.38
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  AMBFilt.sys                                             : 5.10.0.4240
  AMBFt64.sys                                             : 5.10.0.4240
  Monfilt.sys                                             : 5.10.0.4112
  Monft64.sys                                             : 5.10.0.4115
  OAO17Afx.sys                                            : 1.0.7.3
  ALSndMgr.cpl                                            : 1.0.0.11
  RTSndMgr.cpl                                            : 1.0.1.9
  RCoInstII64XP.dll                                       : 2.1.4.5
  RTCOMDLL.dll                                            : 1.0.0.116
  RtkCoInstIIXP.dll                                       : 2.1.4.5
  RtkCoLDR64XP.dll                                        : 1.0.0.1
  RtkCoLDRXP.dll                                          : 1.0.0.1
  RtlCPAPI.dll                                            : 1.0.2.6

Vista, Win7, Win8, Win8.1 driver :
-----------------------------------------------------------
  Vista, Win7, Win8, Win8.1 driver for x86
  RTKVHDA.sys                                             : 6.0.1.7083
  AERTSrv.exe                                             : 1.0.32.10
  CreateRtkToastLnk.exe                                   : 1.0.0.1
  DTSAudioService.exe                                     : 1.0.0.0
  DTSU2PAuSrv32.exe                                       : 2.1.1.0
  FMAPP.exe                                               : 1.32.0.2
  MaxxAudioControl.exe                                    : 3.11.0.0
  MaxxAudioMeters.exe                                     : 4.1.5.0
  RtHDVBg.exe                                             : 1.0.0.170
  RtHDVCpl.exe                                            : 1.0.0.910
  RtkAudioService.exe                                     : 1.0.0.52
  RtkNGUI.exe                                             : 1.0.0.321
  RtlUpd.exe                                              : 2.9.0.0
  vncutil.exe                                             : 1.0.0.45
  WavesSvc.exe                                            : 1.3.3.0
  mbfilt32.sys                                            : 6.10.0.8
  RTSndMgr.cpl                                            : 1.0.0.36
  AERTACap.dll                                            : 2.9.32.0
  AERTARen.dll                                            : 1.0.32.11
  BlackBlueSkinImages.dll                                 : 1.0.0.321
  BlackSkinImages.dll                                     : 1.0.0.321
  CONEQMSAPO.dll                                          : 1.0.0.19
  CONEQMSAPOGUILibrary.dll                                : 1.0.0.4
  DarkSkinImages.dll                                      : 1.0.0.321
  DDPA32.dll                                              : 7.5.1.1
  DDPD32A.dll                                             : 7.5.1.1
  DDPO32A.dll                                             : 7.5.1.1
  DDPP32A.dll                                             : 7.5.1.1
  DTSBassEnhancementDLL.dll                               : 1.0.0.1
  DTSBoostDLL.dll                                         : 1.0.0.1
  DTSGainCompensatorDLL.dll                               : 1.0.0.1
  DTSGFXAPO.dll                                           : 1.0.0.3
  DTSGFXAPONS.dll                                         : 1.0.0.3
  DTSLFXAPO.dll                                           : 1.0.0.3
  DTSLimiterDLL.dll                                       : 1.0.0.1
  DTSNeoPCDLL.dll                                         : 1.0.0.1
  DTSS2HeadphoneDLL.dll                                   : 1.0.0.1
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DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.1.1.0
DTSU2PLFX32.dll : 2.1.1.0
DTSU2PREC32.dll : 2.1.1.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 50.5.4.72
GrayJadeSkinImages.dll : 1.0.0.321
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.4.0.0
MaxxAudioAPO50.dll : 5.3.1.0
MaxxAudioAPOShell.dll : 4.12.5.0
MaxxAudioEQ.dll : 4.1.0.0
MaxxAudioRealtek.dll : 4.5.1.0
MaxxAudioRealtek2.dll : 5.2.16.0
MaxxAudioRealtek3.dll : 1.4.4.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxAudioVnA.dll : 1.7.2.0
MaxxAudioVnN.dll : 1.3.1.0
MaxxSpeechAPO.dll : 1.1.1.0
MaxxVoiceAPO20.dll : 2.4.0.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.37
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.240
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9600.16384
NAHIMICAPOSettingsIPC.dll : 1.0.0.14112
PremiumBlackSkinImages.dll : 1.0.0.321
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.158
RtDataProc.dll : 1.0.0.3
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.347
RtkApoApi.dll : 1.0.0.70
RtkCfg.dll : 1.0.0.2
RtkCoInstII.dll : 2.1.5.5
RtkCoLDR.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.6

RtkPgExt.dll : 6.0.6000.297
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.1.10.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.1.10.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.1.10.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.1.0
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.1
tosade.dll : 1.0.1.12
WavesGUILib.dll : 4.4.3.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.0.321
RCORES.dat : 1.4.1.0

Vista, Win7, Win8, Win8.1 driver for x64
RTKVHD64.sys : 6.0.1.7083
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
FMAPP.exe : 1.64.0.2
MaxxAudioControl64.exe : 3.11.0.0
MaxxAudioMeters64.exe : 4.1.5.0
RAVBg64.exe : 1.0.0.170
RAVCpl64.exe : 1.0.0.910
RtHDVBg.exe : 1.0.0.163

RtkAudioService64.exe : 1.0.0.52
RtkNGUI64.exe : 1.0.0.321
RtlUpd64.exe : 2.9.0.0
vncutil64.exe : 1.0.0.45
WavesSvc.exe : 1.1.4.0
WavesSvc64.exe : 1.3.3.0
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.36
AERTAC64.dll : 2.9.64.0
AERTAR64.dll : 1.0.64.11
BlackBlueSkinImages64.dll : 1.0.0.321
BlackSkinImages64.dll : 1.0.0.321
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
DarkSkinImages64.dll : 1.0.0.321
DDPA64.dll : 7.5.1.1
DDPD64A.dll : 7.5.1.1
DDPO64A.dll : 7.5.1.1
DDPP64A.dll : 7.5.1.1
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 50.6.4.72
GrayJadeSkinImages64.dll : 1.0.0.321
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.4.0.0
MaxxAudioAPO5064.dll : 5.3.1.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioAPOShell64.dll : 4.12.5.0
MaxxAudioEQ64.dll : 4.1.0.0
MaxxAudioRealtek264.dll : 5.2.16.0
MaxxAudioRealtek364.dll : 1.4.4.0
MaxxAudioRealtek64.dll : 4.5.1.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxAudioVnA64.dll : 1.7.2.0
MaxxAudioVnN64.dll : 1.3.1.0
MaxxSpeechAPO.dll : 1.1.1.0
MaxxSpeechAPO64.dll : 1.1.1.0

MaxxVoiceAPO2064.dll : 2.4.0.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.37
MBAPO264.dll : 1.2.16.37
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.240
MISS_APO.dll : 1.5.0.16020
NAHIMICAPOlfx.dll : 6.3.9431.0
NAHIMICAPOSettingsIPC.dll : 1.0.0.14112
PremiumBlackSkinImages64.dll : 1.0.0.321
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.1.5.5
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.158
RTCOMDLL.dll : 2.0.0.158
RtDataProc.dll : 1.0.0.3
RtDataProc64.dll : 1.0.0.3
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.70
RtkAPO64.dll : 11.0.6000.347
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkCoLDR64.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.6
RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.297
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.6.0.7270
sl3apo64.dll : 3.1.10.0
slcc3d64.dll : 1.0.0.100

```
  slcnt64.dll                                          : 3.1.10.0
  slcshp64.dll                                         : 1.0.3.0
  slcsii64.dll                                         : 1.0.3.0
  slgeq64.dll                                          : 1.0.1.0
  slh36064.dll                                         : 1.0.2.0
  slhlim64.dll                                         : 2.1.0.0
  slInit64.dll                                         : 1.1.3.0
  slmaxv64.dll                                         : 1.2.1.0
  slprp64.dll                                          : 1.0.0.1
  sltech64.dll                                         : 3.1.10.0
  sltshd64.dll                                         : 1.2.0.0
  sluapo64.dll                                         : 2.3.24.0
  slvipp64.dll                                         : 1.0.1.0
  slviq64.dll                                          : 2.1.0.0
  SRSHP64.dll                                          : 1.1.0.0
  SRSTSH64.dll                                         : 1.1.4.0
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.3.0
  tadefxapo.dll                                        : 1.0.1.12
  tadefxapo264.dll                                     : 1.2.1.0
  tepeqapo64.dll                                       : 1.1.0.0
  ToastDll64.dll                                       : 1.0.0.1
  tosade.dll                                           : 1.0.1.12
  tosasfapo64.dll                                      : 2.0.4.0
  toseaeapo64.dll                                      : 2.0.4.0
  tossaeapo64.dll                                      : 2.0.4.0
  WavesGUILib64.dll                                    : 4.4.3.0
  WhiteJadeSkinImages64.dll                            : 1.0.0.321
  RCORES64.dat                                         : 1.4.1.0

HDMI Driver : ------------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                          : 5.10.0.6519
  Rtaupd.exe                                           : 2.8.0.5
  RHCoInstXP.dll                                       : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                         : 5.10.0.6519
  Rtaupd64.exe                                         : 2.8.0.5
  RHCoInst64XP.dll                                     : 1.1.5.1

  Vista, Win7, Win8 x86 :
  RtHDMIV.sys                                          : 6.0.1.6650
  RtkAudioSrvATI.exe                                   : 1.0.0.23
  RtkUpd.exe                                           : 2.8.0.6
  R4EEA32H.dll                                         : 7.2.8000.13
  R4EED32H.dll                                         : 7.2.8000.13
  R4EEG32H.dll                                         : 7.2.8000.13
  R4EEL32H.dll                                         : 7.2.8000.13
  R4EEP32H.dll                                         : 7.2.8000.13
  RH3DAA32.dll                                         : 6.0.6001.18
  RH3DHT32.dll                                         : 6.0.6001.18
  RHCoInst.dll                                         : 1.1.5.1
  RHDMIExt.dll                                         : 6.0.6000.228
```

```
  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.259

  Vista, Win7, Win8 x64 :
  RtHDMIVX.sys                                        : 6.0.1.6650
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.6
  R4EEA64H.dll                                        : 7.2.8000.13
  R4EED64H.dll                                        : 7.2.8000.13
  R4EEG64H.dll                                        : 7.2.8000.13
  R4EEL64H.dll                                        : 7.2.8000.13
  R4EEP64H.dll                                        : 7.2.8000.13
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.1.5.1
  RHDMEx64.dll                                        : 6.0.6000.228
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.259

  Driver Setup Program                                : 3.78

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.72
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista, Windows 7, Windows 8, Windows 8.1 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC867, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC668, ALC670, ALC671, ALC672,
ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC255, ALC260, ALC262, ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC283,
ALC284, ALC286, ALC290, ALC292, ALC383
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC, ALC861VD, ALC867, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC668, ALC670, ALC671, ALC672,
ALC676, ALC680
            ALC221, ALC231, ALC233, ALC235, ALC255, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282,
ALC283, ALC284, ALC286 ALC290, ALC292, ALC383
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7, Windows 8, Windows 8.1 - x86/x64
```

5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000 SP4, XP SP1, XP SP2, Server 2003 SP1.
6. Add/Fix
1.) Driver :
1. Customizations.
2. Add Codec ALC255, ALC235, ALC867.
3. Support Windows 8.1.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.7071
RTKHDAUD.sys	: 5.10.0.7071
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.4.2.2
RtkAudioService.exe	: 1.0.0.19
RtkAudioService64.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd.exe	: 2.9.0.0
RtlUpd64.exe	: 2.9.0.0
SoundMan.exe	: 1.0.0.32
vncutil.exe	: 1.0.0.38
vncutil64.exe	: 1.0.0.38
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.9
RCoInstII64XP.dll	: 2.1.4.5
RTCOMDLL.dll	: 1.0.0.116
RtkCoInstIIXP.dll	: 2.1.4.5
RtkCoLDR64XP.dll	: 1.0.0.1
RtkCoLDRXP.dll	: 1.0.0.1
RtlCPAPI.dll	: 1.0.2.6

Vista, Win7, Win8, Win8.1 driver :

Vista, Win7, Win8, Win8.1 driver for x86	
RTKVHDA.sys	: 6.0.1.7071
AERTSrv.exe	: 1.0.32.10
CreateRtkToastLnk.exe	: 1.0.0.1
DTSAudioService.exe	: 1.0.0.0
DTSU2PAuSrv32.exe	: 2.1.1.0
FMAPP.exe	: 1.32.0.2
MaxxAudioControl.exe	: 3.11.0.0
MaxxAudioMeters.exe	: 4.1.5.0
RtHDVBg.exe	: 1.0.0.168
RtHDVCpl.exe	: 1.0.0.908
RtkAudioService.exe	: 1.0.0.52
RtkNGUI.exe	: 1.0.0.318
RtlUpd.exe	: 2.9.0.0

vncutil.exe : 1.0.0.45
WavesSvc.exe : 1.1.4.0
mbfilt32.sys : 6.10.0.8
RTSndMgr.cpl : 1.0.0.36
AERTACap.dll : 2.9.32.0
AERTARen.dll : 1.0.32.11
BlackBlueSkinImages.dll : 1.0.0.318
BlackSkinImages.dll : 1.0.0.318
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
DarkSkinImages.dll : 1.0.0.318
DDPA32.dll : 7.5.1.1
DDPD32A.dll : 7.5.1.1
DDPO32A.dll : 7.5.1.1
DDPP32A.dll : 7.5.1.1
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.1.1.0
DTSU2PLFX32.dll : 2.1.1.0
DTSU2PREC32.dll : 2.1.1.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 50.5.4.72
GrayJadeSkinImages.dll : 1.0.0.318
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO40.dll : 4.4.0.0
MaxxAudioAPO50.dll : 5.2.0.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioEQ.dll : 4.1.0.0
MaxxAudioRealtek.dll : 4.4.10.0
MaxxAudioRealtek2.dll : 5.2.16.0
MaxxAudioRealtek3.dll : 1.3.3.0
MaxxAudioVienna2.dll : 1.0.7.0
MaxxAudioVnA.dll : 1.7.0.0
MaxxAudioVnN.dll : 1.2.0.0
MaxxSpeechAPO.dll : 1.0.24.0
MaxxVoiceAPO20.dll : 2.4.0.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.37
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175

MBWrp32.dll : 1.0.0.240
MISS_APO.dll : 1.5.0.16020
PremiumBlackSkinImages.dll : 1.0.0.318
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.158
RtDataProc.dll : 1.0.0.3
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.346
RtkApoApi.dll : 1.0.0.69
RtkCfg.dll : 1.0.0.2
RtkCoInstII.dll : 2.1.5.1
RtkCoLDR.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.6
RtkPgExt.dll : 6.0.6000.297
RTKSMlfx.dll : 6.3.9431.0
RTKSMSettingsIPC.dll : 1.1.2.13796
RtkXInterface.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.6.0.7270
sl3apo32.dll : 3.1.10.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.1.10.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.1.10.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.24.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0

SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.1.0
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.1
tosade.dll : 1.0.1.12
WavesGUILib.dll : 4.4.3.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.0.318
RCORES.dat : 1.4.0.3

Vista, Win7, Win8, Win8.1 driver for x64
RTKVHD64.sys : 6.0.1.7071
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.1.0
FMAPP.exe : 1.64.0.2
MaxxAudioControl64.exe : 3.11.0.0
MaxxAudioMeters64.exe : 4.1.5.0
RAVBg64.exe : 1.0.0.168
RAVCpl64.exe : 1.0.0.908
RtHDVBg.exe : 1.0.0.163
RtkAudioService64.exe : 1.0.0.52
RtkNGUI64.exe : 1.0.0.318
RtlUpd64.exe : 2.9.0.0
vncutil64.exe : 1.0.0.45
WavesSvc.exe : 1.1.4.0
WavesSvc64.exe : 1.1.4.0
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.36
AERTAC64.dll : 2.9.64.0
AERTAR64.dll : 1.0.64.11
BlackBlueSkinImages64.dll : 1.0.0.318
BlackSkinImages64.dll : 1.0.0.318
CONEQMSAPO.dll : 1.0.0.19
CONEQMSAPOGUILibrary.dll : 1.0.0.4
DarkSkinImages64.dll : 1.0.0.318
DDPA64.dll : 7.5.1.1
DDPD64A.dll : 7.5.1.1
DDPO64A.dll : 7.5.1.1
DDPP64A.dll : 7.5.1.1
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1

DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.1.0
DTSU2PLFX64.dll : 2.1.1.0
DTSU2PREC64.dll : 2.1.1.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO32.dll : 50.5.4.68
FMAPO64.dll : 50.6.4.72
GrayJadeSkinImages64.dll : 1.0.0.318
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.6.0.0
MaxxAudioAPO4064.dll : 4.4.0.0
MaxxAudioAPO5064.dll : 5.2.0.0
MaxxAudioAPOShell.dll : 4.10.8.0
MaxxAudioAPOShell64.dll : 4.10.8.0
MaxxAudioEQ64.dll : 4.1.0.0
MaxxAudioRealtek264.dll : 5.2.16.0
MaxxAudioRealtek364.dll : 1.3.3.0
MaxxAudioRealtek64.dll : 4.4.10.0
MaxxAudioVienna264.dll : 1.0.7.0
MaxxAudioVnA64.dll : 1.7.0.0
MaxxAudioVnN64.dll : 1.2.0.0
MaxxSpeechAPO.dll : 1.0.24.0
MaxxSpeechAPO64.dll : 1.0.24.0
MaxxVoiceAPO2064.dll : 2.4.0.0
MaxxVolumeSDAPO.dll : 3.6.0.0
MBAPO232.dll : 1.2.16.37
MBAPO264.dll : 1.2.16.37
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.240
MISS_APO.dll : 1.5.0.16020
PremiumBlackSkinImages64.dll : 1.0.0.318
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.1.5.1
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.158
RTCOMDLL.dll : 2.0.0.158
RtDataProc.dll : 1.0.0.3
RtDataProc64.dll : 1.0.0.3
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.69

RtkAPO64.dll : 11.0.6000.346
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkCoLDR64.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.6
RTKSMlfx.dll : 6.3.9431.0
RTKSMSettingsIPC.dll : 1.1.2.13796
RtkXInterface.dll : 1.0.0.13
RtkXInterface64.dll : 1.0.0.13
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.297
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.6.0.7270
sl3apo64.dll : 3.1.10.0
slcc3d64.dll : 1.0.0.100
slcnt64.dll : 3.1.10.0
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
slprp64.dll : 1.0.0.1
sltech64.dll : 3.1.10.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.24.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo264.dll : 1.2.1.0
tepeqapo64.dll : 1.1.0.0
ToastDll64.dll : 1.0.0.1
tosade.dll : 1.0.1.12
tosasfapo64.dll : 2.0.4.0
toseaeapo64.dll : 2.0.4.0
tossaeapo64.dll : 2.0.4.0
WavesGUILib64.dll : 4.4.3.0
WhiteJadeSkinImages64.dll : 1.0.0.318
RCORES64.dat : 1.4.0.3

HDMI Driver : ----------

Windows 2000/XP x86 :

RtkHDMI.sys	: 5.10.0.6519
Rtaupd.exe	: 2.8.0.5
RHCoInstXP.dll	: 1.1.5.1

Windows XP x64 :

RtkHDMIX.sys	: 5.10.0.6519
Rtaupd64.exe	: 2.8.0.5
RHCoInst64XP.dll	: 1.1.5.1

Vista, Win7, Win8 x86 :

RtHDMIV.sys	: 6.0.1.6650
RtkAudioSrvATI.exe	: 1.0.0.23
RtkUpd.exe	: 2.8.0.6
R4EEA32H.dll	: 7.2.8000.13
R4EED32H.dll	: 7.2.8000.13
R4EEG32H.dll	: 7.2.8000.13
R4EEL32H.dll	: 7.2.8000.13
R4EEP32H.dll	: 7.2.8000.13
RH3DAA32.dll	: 6.0.6001.18
RH3DHT32.dll	: 6.0.6001.18
RHCoInst.dll	: 1.1.5.1
RHDMIExt.dll	: 6.0.6000.228
RTEED32H.dll	: 6.1.6001.33
RTEEG32H.dll	: 6.1.6001.33
RTEEL32H.dll	: 6.1.6001.33
RTEEP32H.dll	: 6.1.6001.33
RtkHDMI.dll	: 11.0.6000.259

Vista, Win7, Win8 x64 :

RtHDMIVX.sys	: 6.0.1.6650
RtkAudioSrvATI64.exe	: 1.0.0.23
RtkUpd64.exe	: 2.8.0.6
R4EEA64H.dll	: 7.2.8000.13
R4EED64H.dll	: 7.2.8000.13
R4EEG64H.dll	: 7.2.8000.13
R4EEL64H.dll	: 7.2.8000.13
R4EEP64H.dll	: 7.2.8000.13
RH3DAA64.dll	: 6.0.6001.18
RH3DHT64.dll	: 6.0.6001.18
RHCoInst64.dll	: 1.1.5.1
RHDMEx64.dll	: 6.0.6000.228
RTEED64H.dll	: 6.1.6001.33
RTEEG64H.dll	: 6.1.6001.33
RTEEL64H.dll	: 6.1.6001.33
RTEEP64H.dll	: 6.1.6001.33
RtkHDM64.dll	: 11.0.6000.259

Driver Setup Program : 3.77

Windows 2000/XP Operate on :

Microsoft High Definition Audio Driver Package - KB888111

Package file version (kb888111.exe) : 6.1.22.0

Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.71
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista, Windows 7, Windows 8 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VD, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC668, ALC670, ALC671, ALC672, ALC676, ALC680
            ALC221, ALC231, ALC233, ALC260, ALC262, ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC283, ALC284, ALC286, ALC290, ALC292, ALC383
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VC, ALC861VD, ALC900
            ALC660, ALC662, ALC663, ALC665, ALC668, ALC670, ALC671, ALC672, ALC676, ALC680
            ALC221, ALC231, ALC233, ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC283, ALC284, ALC286 ALC290, ALC292, ALC383
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000 SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Add Codec ALC233, ALC284, ALC286, ALC292, ALC383, ALC668, ALC900

Windows 2000/XP : --
  Windows 2000/XP :
  RTKHDA64.sys   : 5.10.0.6873
  RTKHDAUD.sys   : 5.10.0.6873
  Alcmtr.exe   : 1.6.0.4
  AlcWzrd.exe   : 1.1.0.37
  MicCal.exe   : 1.1.2.4
  RTHDCPL.exe   : 2.4.1.9
  RtkAudioService.exe   : 1.0.0.19
  RtkAudioService64.exe   : 1.0.0.19
  RTLCPL.exe   : 1.0.1.66
  RtlUpd.exe   : 2.8.0.8
  RtlUpd64.exe   : 2.8.0.8
  SkyTel.exe   : 2.0.2.0
  SoundMan.exe   : 1.0.0.32
  vncutil.exe   : 1.0.0.38
  vncutil64.exe   : 1.0.0.38
  AMBFilt.sys   : 5.10.0.4240
  AMBFt64.sys   : 5.10.0.4240
  Monfilt.sys   : 5.10.0.4112
  Monft64.sys   : 5.10.0.4115
  OAO17Afx.sys   : 1.0.7.3

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  ALSndMgr.cpl                                          : 1.0.0.11
  RTSndMgr.cpl                                          : 1.0.1.9
  RCoInstII64XP.dll                                     : 2.0.9.6
  RTCOMDLL.dll                                          : 1.0.0.116
  RtkCoInstIIXP.dll                                     : 2.0.9.6
  RtkCoLDR64XP.dll                                      : 1.0.0.1
  RtkCoLDRXP.dll                                        : 1.0.0.1
  RtlCPAPI.dll                                          : 1.0.2.6

Vista, Win7, Win8 driver :
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  Vista, Win7, Win8 driver for x86
  RTKVHDA.sys                                           : 6.0.1.6873
  AERTSrv.exe                                           : 1.0.32.10
  CreateRtkToastLnk.exe                                 : 1.0.0.1
  DTSAudioService.exe                                   : 1.0.0.0
  DTSU2PAuSrv32.exe                                     : 2.1.0.0
  FMAPP.exe                                             : 1.32.0.2
  MaxxAudioControl.exe                                  : 3.8.0.0
  MaxxAudioMeters.exe                                   : 4.1.4.0
  RtHDVBg.exe                                           : 1.0.0.136
  RtHDVCpl.exe                                          : 1.0.0.851
  RtkAudioService.exe                                   : 1.0.0.41
  RtkNGUI.exe                                           : 1.0.0.271
  RtlUpd.exe                                            : 2.8.0.8
  SkyTel.exe                                            : 2.0.2.2
  vncutil.exe                                           : 1.0.0.45
  WavesSvc.exe                                          : 1.0.2.0
  mbfilt32.sys                                          : 6.10.0.8
  RTSndMgr.cpl                                          : 1.0.0.35
  AERTACap.dll                                          : 2.4.32.0
  AERTARen.dll                                          : 1.0.32.11
  BlackBlueSkinImages.dll                               : 1.0.0.271
  BlackSkinImages.dll                                   : 1.0.0.271
  CONEQMSAPO.dll                                        : 1.0.0.15
  CONEQMSAPOGUILibrary.dll                              : 1.0.0.2
  DarkSkinImages.dll                                    : 1.0.0.271
  DTSBassEnhancementDLL.dll                             : 1.0.0.1
  DTSBoostDLL.dll                                       : 1.0.0.1
  DTSGainCompensatorDLL.dll                             : 1.0.0.1
  DTSGFXAPO.dll                                         : 1.0.0.3
  DTSGFXAPONS.dll                                       : 1.0.0.3
  DTSLFXAPO.dll                                         : 1.0.0.3
  DTSLimiterDLL.dll                                     : 1.0.0.1
  DTSNeoPCDLL.dll                                       : 1.0.0.1
  DTSS2HeadphoneDLL.dll                                 : 1.0.0.1
  DTSS2SpeakerDLL.dll                                   : 1.0.0.1
  DTSSymmetryDLL.dll                                    : 1.0.0.1
  DTSU2PGFX32.dll                                       : 2.1.0.0
  DTSU2PLFX32.dll                                       : 2.1.0.0
  DTSU2PREC32.dll                                       : 2.1.0.0
  DTSVoiceClarityDLL.dll                                : 1.0.0.1
  FMAPO.dll                                             : 50.5.4.66
  GrayJadeSkinImages.dll                                : 1.0.0.271
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KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.4.1.0
MaxxAudioAPO40.dll : 4.2.4.0
MaxxAudioAPO50.dll : 5.0.9.0
MaxxAudioAPOShell.dll : 4.8.0.0
MaxxAudioEQ.dll : 4.1.0.0
MaxxAudioRealtek.dll : 4.4.9.0
MaxxAudioRealtek2.dll : 5.2.11.0
MaxxAudioRealtek3.dll : 1.1.13.0
MaxxAudioVnA.dll : 1.2.2.0
MaxxVoiceAPO20.dll : 2.2.1.0
MaxxVolumeSDAPO.dll : 3.4.0.0
MBAPO232.dll : 1.2.16.17
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBWrp32.dll : 1.0.0.200
MISS_APO.dll : 1.5.0.15070
PremiumBlackSkinImages.dll : 1.0.0.271
R4EEA32A.dll : 7.2.8000.17
R4EED32A.dll : 7.2.8000.17
R4EEG32A.dll : 7.2.8000.17
R4EEL32A.dll : 7.2.8000.17
R4EEP32A.dll : 7.2.8000.17
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.157
RtDataProc.dll : 1.0.0.1
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.319
RtkApoApi.dll : 1.0.0.60
RtkCfg.dll : 1.0.0.2
RtkCoInstII.dll : 2.0.9.6
RtkCoLDR.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.6
RtkPgExt.dll : 6.0.6000.286
RTKSMlfx.dll : 6.2.9200.20550
RTKSMSettingsIPC.dll : 1.1.0.11461
RtlCPAPI.dll : 1.0.2.6
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.5.0.15292

sl3apo32.dll : 3.0.27.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.0.27.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.0.27.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.11.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.1.0
TepeqAPO.dll : 1.1.0.0
ToastDll.dll : 1.0.0.1
tosade.dll : 1.0.1.12
WavesGUILib.dll : 4.4.0.0
WavesLib.dll : 5.9.7.0
WhiteJadeSkinImages.dll : 1.0.0.271
RCORES.dat : 1.3.0.4

Vista, Win7, Win8 driver for x64
RTKVHD64.sys : 6.0.1.6873
AERTSr64.exe : 1.0.64.10
CreateRtkToastLnk.exe : 1.0.0.1
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.1.0.0
FMAPP.exe : 1.64.0.2
MaxxAudioControl64.exe : 3.8.0.0
MaxxAudioMeters64.exe : 4.1.4.0
RAVBg64.exe : 1.0.0.136
RAVCpl64.exe : 1.0.0.851
RtkAudioService64.exe : 1.0.0.41
RtkNGUI64.exe : 1.0.0.271
RtlUpd64.exe : 2.8.0.8
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.45
WavesSvc64.exe : 1.0.2.0
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.35
AERTAC64.dll : 2.4.64.0
AERTAR64.dll : 1.0.64.11
BlackBlueSkinImages64.dll : 1.0.0.271
BlackSkinImages64.dll : 1.0.0.271

CONEQMSAPO.dll : 1.0.0.15
CONEQMSAPOGUILibrary.dll : 1.0.0.2
DarkSkinImages64.dll : 1.0.0.271
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.1.0.0
DTSU2PLFX64.dll : 2.1.0.0
DTSU2PREC64.dll : 2.1.0.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 50.6.4.66
GrayJadeSkinImages64.dll : 1.0.0.271
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.4.1.0
MaxxAudioAPO4064.dll : 4.2.4.0
MaxxAudioAPO5064.dll : 5.0.9.0
MaxxAudioAPOShell64.dll : 4.8.0.0
MaxxAudioEQ64.dll : 4.1.0.0
MaxxAudioRealtek264.dll : 5.2.11.0
MaxxAudioRealtek364.dll : 1.1.13.0
MaxxAudioRealtek64.dll : 4.4.9.0
MaxxAudioVnA64.dll : 1.2.2.0
MaxxVoiceAPO2064.dll : 2.2.1.0
MaxxVolumeSDAPO.dll : 3.4.0.0
MBAPO232.dll : 1.2.16.17
MBAPO264.dll : 1.2.16.17
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.175
MBTHX64.dll : 1.0.15.175
MBWrp64.dll : 1.0.0.200
MISS_APO.dll : 1.5.0.15070
PremiumBlackSkinImages64.dll : 1.0.0.271
R4EEA64A.dll : 7.2.8000.17
R4EED64A.dll : 7.2.8000.17
R4EEG64A.dll : 7.2.8000.17
R4EEL64A.dll : 7.2.8000.17
R4EEP64A.dll : 7.2.8000.17
RCoInstII64.dll : 2.0.9.6
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.157
RTCOMDLL.dll : 2.0.0.157

RtDataProc.dll : 1.0.0.1
RtDataProc64.dll : 1.0.0.1
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.60
RtkAPO64.dll : 11.0.6000.319
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkCoLDR64.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.6
RTKSMlfx.dll : 6.2.9200.20550
RTKSMSettingsIPC.dll : 1.1.0.11461
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.286
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.5.0.15292
sl3apo64.dll : 3.0.27.0
slcc3d64.dll : 1.0.0.100
slcnt64.dll : 3.0.27.0
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
slprp64.dll : 1.0.0.1
sltech64.dll : 3.0.27.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.11.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo264.dll : 1.2.1.0
tepeqapo64.dll : 1.1.0.0
ToastDll64.dll : 1.0.0.1
tosade.dll : 1.0.1.12
tosasfapo64.dll : 2.0.0.1
toseaeapo64.dll : 2.0.0.1

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  tossaeapo64.dll                                   : 2.0.0.1
  WavesGUILib64.dll                                 : 4.4.0.0
  WhiteJadeSkinImages64.dll                         : 1.0.0.271
  RCORES64.dat                                      : 1.3.0.4

HDMI Driver : ------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                       : 5.10.0.6519
  Rtaupd.exe                                        : 2.8.0.5
  RHCoInstXP.dll                                    : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                      : 5.10.0.6519
  Rtaupd64.exe                                      : 2.8.0.5
  RHCoInst64XP.dll                                  : 1.1.5.1

  Vista, Win7, Win8 x86 :
  RtHDMIV.sys                                       : 6.0.1.6650
  RtkAudioSrvATI.exe                                : 1.0.0.23
  RtkUpd.exe                                        : 2.8.0.6
  R4EEA32H.dll                                      : 7.2.8000.13
  R4EED32H.dll                                      : 7.2.8000.13
  R4EEG32H.dll                                      : 7.2.8000.13
  R4EEL32H.dll                                      : 7.2.8000.13
  R4EEP32H.dll                                      : 7.2.8000.13
  RH3DAA32.dll                                      : 6.0.6001.18
  RH3DHT32.dll                                      : 6.0.6001.18
  RHCoInst.dll                                      : 1.1.5.1
  RHDMIExt.dll                                      : 6.0.6000.228
  RTEED32H.dll                                      : 6.1.6001.33
  RTEEG32H.dll                                      : 6.1.6001.33
  RTEEL32H.dll                                      : 6.1.6001.33
  RTEEP32H.dll                                      : 6.1.6001.33
  RtkHDMI.dll                                       : 11.0.6000.259

  Vista, Win7, Win8 x64 :
  RtHDMIVX.sys                                      : 6.0.1.6650
  RtkAudioSrvATI64.exe                              : 1.0.0.23
  RtkUpd64.exe                                      : 2.8.0.6
  R4EEA64H.dll                                      : 7.2.8000.13
  R4EED64H.dll                                      : 7.2.8000.13
  R4EEG64H.dll                                      : 7.2.8000.13
  R4EEL64H.dll                                      : 7.2.8000.13
  R4EEP64H.dll                                      : 7.2.8000.13
  RH3DAA64.dll                                      : 6.0.6001.18
  RH3DHT64.dll                                      : 6.0.6001.18
  RHCoInst64.dll                                    : 1.1.5.1
  RHDMEx64.dll                                      : 6.0.6000.228
  RTEED64H.dll                                      : 6.1.6001.33
  RTEEG64H.dll                                      : 6.1.6001.33
  RTEEL64H.dll                                      : 6.1.6001.33
  RTEEP64H.dll                                      : 6.1.6001.33
  RtkHDM64.dll                                      : 11.0.6000.259
```

```
  Driver Setup Program                                  : 3.65

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.70
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista, Windows 7, Windows 8 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC660,
            ALC662, ALC663, ALC665, ALC670, ALC671, ALC672, ALC676, ALC680,
ALC221, ALC231, ALC260, ALC262,
            ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276,
ALC280, ALC282, ALC283, ALC290
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC,
            ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC671, ALC672,
ALC676, ALC680, ALC221, ALC231,
            ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275, ALC276, ALC280, ALC282, ALC283, ALC290
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.


Windows 2000/XP : ------------------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.6662
  RtkHDAud.sys                                          : 5.10.0.6662
  MicCal.exe                                            : 1.1.2.4
  RTHDCPL.exe                                           : 2.4.1.0
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.6
  RtlUpd.exe                                            : 2.8.0.6
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.38
  vncutil.exe                                           : 1.0.0.38
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  Monfilt.sys                                           : 5.10.0.4112
  Monft64.sys                                           : 5.10.0.4115
  OAO17Afx.sys                                          : 1.0.7.3
```

```
  AMBFilt.sys                                          : 5.10.0.4240
  AMBFt64.sys                                          : 5.10.0.4240
  RTSndMgr.cpl                                         : 1.0.1.7
  ALSndMgr.cpl                                         : 1.0.0.11
  RCoInstII64XP.dll                                    : 2.0.2.0
  RTCOMDLL.dll                                         : 1.0.0.116
  RtkCoInstIIXP.dll                                    : 2.0.2.0
  RtkCoLDR64XP.dll                                     : 1.0.0.1
  RtkCoLDRXP.dll                                       : 1.0.0.1
  RtlCPAPI.dll                                         : 1.0.2.6

Vista, Win7, Win8 driver :
-----------------------------------------------------------
  Vista, Win7, Win8 driver for x86
  RTKVHDA.sys                                          : 6.0.1.6662
  AERTSrv.exe                                          : 1.0.32.10
  DTSAudioService.exe                                  : 1.0.0.0
  DTSU2PAuSrv32.exe                                    : 2.0.20.0
  FMAPP.exe                                            : 1.32.0.2
  MaxxAudioControl.exe                                 : 3.2.0.0
  MaxxAudioMeters.exe                                  : 4.0.5.0
  RtHDVBg.exe                                          : 1.0.0.97
  RtHDVCpl.exe                                         : 1.0.0.791
  RtkAudioService.exe                                  : 1.0.0.31
  RtkNGUI.exe                                          : 1.0.0.196
  RtlUpd.exe                                           : 2.8.0.6
  SkyTel.exe                                           : 2.0.2.2
  vncutil.exe                                          : 1.0.0.45
  mbfilt32.sys                                         : 6.10.0.8
  RTSndMgr.cpl                                         : 1.0.0.26
  AERTACap.dll                                         : 2.0.32.15
  AERTARen.dll                                         : 1.0.32.11
  BlackBlueSkinImages.dll                              : 1.0.0.196
  BlackSkinImages.dll                                  : 1.0.0.196
  DarkSkinImages.dll                                   : 1.0.0.196
  DTSBassEnhancementDLL.dll                            : 1.0.0.1
  DTSBoostDLL.dll                                      : 1.0.0.1
  DTSGainCompensatorDLL.dll                            : 1.0.0.1
  DTSGFXAPO.dll                                        : 1.0.0.3
  DTSGFXAPONS.dll                                      : 1.0.0.3
  DTSLFXAPO.dll                                        : 1.0.0.3
  DTSLimiterDLL.dll                                    : 1.0.0.1
  DTSNeoPCDLL.dll                                      : 1.0.0.1
  DTSS2HeadphoneDLL.dll                                : 1.0.0.1
  DTSS2SpeakerDLL.dll                                  : 1.0.0.1
  DTSSymmetryDLL.dll                                   : 1.0.0.1
  DTSU2PGFX32.dll                                      : 2.0.20.0
  DTSU2PLFX32.dll                                      : 2.0.20.0
  DTSU2PREC32.dll                                      : 2.0.20.0
  DTSVoiceClarityDLL.dll                               : 1.0.0.1
  FMAPO.dll                                            : 44.5.5.65
  GrayJadeSkinImages.dll                               : 1.0.0.196
  KAAPORT.dll                                          : 4.1105.6000.53
  MaxxAudioAPO.dll                                     : 1.2.2.0
```

MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioAPO40.dll : 4.1.0.4
MaxxAudioAPOShell.dll : 4.2.2.0
MaxxAudioEQ.dll : 4.0.3.1
MaxxAudioRealtek.dll : 4.0.5.0
MaxxAudioRealtek2.dll : 4.0.7.2
MaxxVolumeSDAPO.dll : 3.2.1.1
MBAPO32.dll : 1.0.62.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.166
MBWrp32.dll : 1.0.0.200
PremiumBlackSkinImages.dll : 1.0.0.196
R4EEA32A.dll : 7.2.8000.13
R4EED32A.dll : 7.2.8000.13
R4EEG32A.dll : 7.2.8000.13
R4EEL32A.dll : 7.2.8000.13
R4EEP32A.dll : 7.2.8000.13
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.150
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.284
RtkApoApi.dll : 1.0.0.53
RtkCfg.dll : 1.0.0.2
RtkCoInstII.dll : 2.0.2.4
RtkCoLDR.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.5
RtkPgExt.dll : 6.0.6000.262
RtlCPAPI.dll : 1.0.2.6
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.1.0.12190
sl3apo32.dll : 3.0.2.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.0.2.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1

sltech32.dll : 3.0.2.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.11.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.1.0
TepeqAPO.dll : 1.1.0.0
tosade.dll : 1.0.1.12
WavesGUILib.dll : 4.0.5.0
WavesLib.dll : 5.9.7.0
RCORES.dat : 1.1.8.1

Vista, Win7, Win8 driver for x64
RTKVHD64.sys : 6.0.1.6662
AERTSr64.exe : 1.0.64.10
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.0.20.0
FMAPP.exe : 1.64.0.2
MaxxAudioControl64.exe : 3.2.0.0
MaxxAudioMeters64.exe : 4.0.5.0
RAVBg64.exe : 1.0.0.97
RAVCpl64.exe : 1.0.0.791
RtkAudioService64.exe : 1.0.0.31
RtkNGUI64.exe : 1.0.0.196
RtlUpd64.exe : 2.8.0.6
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.26
AERTAC64.dll : 2.0.64.15
AERTAR64.dll : 1.0.64.11
BlackBlueSkinImages64.dll : 1.0.0.196
BlackSkinImages64.dll : 1.0.0.196
DarkSkinImages64.dll : 1.0.0.196
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.0.20.0
DTSU2PLFX64.dll : 2.0.20.0
DTSU2PREC64.dll : 2.0.20.0

DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 44.6.5.65
GrayJadeSkinImages64.dll : 1.0.0.196
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioAPO4064.dll : 4.1.0.4
MaxxAudioAPOShell64.dll : 4.2.2.0
MaxxAudioEQ.dll : 4.0.3.1
MaxxAudioRealtek.dll : 4.0.5.0
MaxxAudioRealtek264.dll : 4.0.7.2
MaxxVolumeSDAPO.dll : 3.2.1.1
MBAPO32.dll : 1.0.62.0
MBAPO64.dll : 1.0.62.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.166
MBTHX64.dll : 1.0.15.166
MBWrp64.dll : 1.0.0.200
PremiumBlackSkinImages64.dll : 1.0.0.196
R4EEA64A.dll : 7.2.8000.13
R4EED64A.dll : 7.2.8000.13
R4EEG64A.dll : 7.2.8000.13
R4EEL64A.dll : 7.2.8000.13
R4EEP64A.dll : 7.2.8000.13
RCoInstII64.dll : 2.0.2.4
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.150
RTCOMDLL.dll : 2.0.0.150
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.53
RtkAPO64.dll : 11.0.6000.284
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkCoLDR64.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.5
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.262
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.1.0.12190
sl3apo64.dll : 3.0.2.0

```
  slcc3d64.dll                                          : 1.0.0.100
  slcnt64.dll                                           : 3.0.2.0
  slcshp64.dll                                          : 1.0.3.0
  slcsii64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slhlim64.dll                                          : 2.1.0.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.2.1.0
  slprp64.dll                                           : 1.0.0.1
  sltech64.dll                                          : 3.0.2.0
  sltshd64.dll                                          : 1.2.0.0
  sluapo64.dll                                          : 2.3.11.0
  slvipp64.dll                                          : 1.0.1.0
  slviq64.dll                                           : 2.1.0.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  tadefxapo.dll                                         : 1.0.1.12
  tadefxapo264.dll                                      : 1.2.1.0
  tepeqapo64.dll                                        : 1.1.0.0
  tosade.dll                                            : 1.0.1.12
  WavesGUILib.dll                                       : 4.0.5.0
  RCORES64.dat                                          : 1.1.8.1

HDMI Driver : ------------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                           : 5.10.0.6519
  Rtaupd.exe                                            : 2.8.0.5
  RHCoInstXP.dll                                        : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                          : 5.10.0.6519
  Rtaupd64.exe                                          : 2.8.0.5
  RHCoInst64XP.dll                                      : 1.1.5.1

  Vista, Win7, Win8 x86 :
  RtHDMIV.sys                                           : 6.0.1.6650
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.6
  R4EEA32H.dll                                          : 7.2.8000.13
  R4EED32H.dll                                          : 7.2.8000.13
  R4EEG32H.dll                                          : 7.2.8000.13
  R4EEL32H.dll                                          : 7.2.8000.13
  R4EEP32H.dll                                          : 7.2.8000.13
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.1.5.1
  RHDMIExt.dll                                          : 6.0.6000.228
  RTEED32H.dll                                          : 6.1.6001.33
  RTEEG32H.dll                                          : 6.1.6001.33
  RTEEL32H.dll                                          : 6.1.6001.33
  RTEEP32H.dll                                          : 6.1.6001.33
```

```
  RtkHDMI.dll                                          : 11.0.6000.259

  Vista, Win7, Win8 x64 :
  RtHDMIVX.sys                                         : 6.0.1.6650
  RtkAudioSrvATI64.exe                                 : 1.0.0.23
  RtkUpd64.exe                                         : 2.8.0.6
  R4EEA64H.dll                                         : 7.2.8000.13
  R4EED64H.dll                                         : 7.2.8000.13
  R4EEG64H.dll                                         : 7.2.8000.13
  R4EEL64H.dll                                         : 7.2.8000.13
  R4EEP64H.dll                                         : 7.2.8000.13
  RH3DAA64.dll                                         : 6.0.6001.18
  RH3DHT64.dll                                         : 6.0.6001.18
  RHCoInst64.dll                                       : 1.1.5.1
  RHDMEx64.dll                                         : 6.0.6000.228
  RTEED64H.dll                                         : 6.1.6001.33
  RTEEG64H.dll                                         : 6.1.6001.33
  RTEEL64H.dll                                         : 6.1.6001.33
  RTEEP64H.dll                                         : 6.1.6001.33
  RtkHDM64.dll                                         : 11.0.6000.259

  Driver Setup Program                                 : 3.50

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.69
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista, Windows 7, Windows 8 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC660,
            ALC662, ALC663, ALC665, ALC670, ALC671, ALC672, ALC676, ALC680,
ALC221, ALC231, ALC260, ALC262,
            ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276,
ALC280, ALC282, ALC283, ALC290
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC,
            ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC671, ALC672,
ALC676, ALC680, ALC221, ALC231,
            ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275, ALC276, ALC280, ALC282, ALC283, ALC290
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Windows 8 WHQLed Driver.
```

3. Add ALC283.

Windows 2000/XP : ----------

Windows 2000/XP :

RTKHDA64.sys	: 5.10.0.6649
RtkHDAud.sys	: 5.10.0.6649
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.4.0.9
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.8.0.6
RtlUpd.exe	: 2.8.0.6
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.38
vncutil.exe	: 1.0.0.38
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
RTSndMgr.cpl	: 1.0.1.7
ALSndMgr.cpl	: 1.0.0.11
RCoInstII64XP.dll	: 2.0.2.0
RTCOMDLL.dll	: 1.0.0.116
RtkCoInstIIXP.dll	: 2.0.2.0
RtkCoLDR64XP.dll	: 1.0.0.1
RtkCoLDRXP.dll	: 1.0.0.1
RtlCPAPI.dll	: 1.0.2.6

Vista, Win7, Win8 driver :

Vista, Win7, Win8 driver for x86

RTKVHDA.sys	: 6.0.1.6649
AERTSrv.exe	: 1.0.32.10
DTSAudioService.exe	: 1.0.0.0
DTSU2PAuSrv32.exe	: 2.0.20.0
FMAPP.exe	: 1.32.0.2
MaxxAudioControl.exe	: 3.2.0.0
MaxxAudioMeters.exe	: 4.0.5.0
RtHDVBg.exe	: 1.0.0.93
RtHDVCpl.exe	: 1.0.0.787
RtkAudioService.exe	: 1.0.0.31
RtkNGUI.exe	: 1.0.0.190
RtlUpd.exe	: 2.8.0.6
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.45
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.26
AERTACap.dll	: 2.0.32.15
AERTARen.dll	: 1.0.32.11

BlackBlueSkinImages.dll : 1.0.0.190
BlackSkinImages.dll : 1.0.0.190
DarkSkinImages.dll : 1.0.0.190
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.0.20.0
DTSU2PLFX32.dll : 2.0.20.0
DTSU2PREC32.dll : 2.0.20.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 44.5.5.65
GrayJadeSkinImages.dll : 1.0.0.190
KAAPORT.dll : 4.1105.6000.53
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioAPO40.dll : 4.1.0.4
MaxxAudioAPOShell.dll : 4.2.2.0
MaxxAudioEQ.dll : 4.0.3.1
MaxxAudioRealtek.dll : 4.0.5.0
MaxxAudioRealtek2.dll : 4.0.7.2
MaxxVolumeSDAPO.dll : 3.2.1.1
MBAPO32.dll : 1.0.58.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.165
MBWrp32.dll : 1.0.0.180
PremiumBlackSkinImages.dll : 1.0.0.190
R4EEA32A.dll : 7.2.8000.13
R4EED32A.dll : 7.2.8000.13
R4EEG32A.dll : 7.2.8000.13
R4EEL32A.dll : 7.2.8000.13
R4EEP32A.dll : 7.2.8000.13
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.150
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.283
RtkApoApi.dll : 1.0.0.52
RtkCfg.dll : 1.0.0.2
RtkCoInstII.dll : 2.0.2.4
RtkCoLDR.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.5

RtkPgExt.dll : 6.0.6000.261
RtlCPAPI.dll : 1.0.2.6
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.1.0.12190
sl3apo32.dll : 3.0.2.0
slcc3d32.dll : 1.0.0.100
slcnt32.dll : 3.0.2.0
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
slprp32.dll : 1.0.0.1
sltech32.dll : 3.0.2.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.11.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.1.0
TepeqAPO.dll : 1.1.0.0
tosade.dll : 1.0.1.12
WavesGUILib.dll : 4.0.5.0
WavesLib.dll : 5.9.7.0
RCORES.dat : 1.1.7.9

Vista, Win7, Win8 driver for x64
RTKVHD64.sys : 6.0.1.6649
AERTSr64.exe : 1.0.64.10
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.0.20.0
FMAPP.exe : 1.64.0.2
MaxxAudioControl64.exe : 3.2.0.0
MaxxAudioMeters64.exe : 4.0.5.0
RAVBg64.exe : 1.0.0.93
RAVCpl64.exe : 1.0.0.787
RtkAudioService64.exe : 1.0.0.31
RtkNGUI64.exe : 1.0.0.190
RtlUpd64.exe : 2.8.0.6
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.45

GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.26
AERTAC64.dll : 2.0.64.15
AERTAR64.dll : 1.0.64.11
BlackBlueSkinImages64.dll : 1.0.0.190
BlackSkinImages64.dll : 1.0.0.190
DarkSkinImages64.dll : 1.0.0.190
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.0.20.0
DTSU2PLFX64.dll : 2.0.20.0
DTSU2PREC64.dll : 2.0.20.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 44.6.5.65
GrayJadeSkinImages64.dll : 1.0.0.190
KAAPORT64.dll : 4.1105.6000.53
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioAPO4064.dll : 4.1.0.4
MaxxAudioAPOShell64.dll : 4.2.2.0
MaxxAudioEQ.dll : 4.0.3.1
MaxxAudioRealtek.dll : 4.0.5.0
MaxxAudioRealtek264.dll : 4.0.7.2
MaxxVolumeSDAPO.dll : 3.2.1.1
MBAPO32.dll : 1.0.58.0
MBAPO64.dll : 1.0.58.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.58.0
MBTHX32.dll : 1.0.15.165
MBTHX64.dll : 1.0.15.165
MBWrp64.dll : 1.0.0.180
PremiumBlackSkinImages64.dll : 1.0.0.190
R4EEA64A.dll : 7.2.8000.13
R4EED64A.dll : 7.2.8000.13
R4EEG64A.dll : 7.2.8000.13
R4EEL64A.dll : 7.2.8000.13
R4EEP64A.dll : 7.2.8000.13
RCoInstII64.dll : 2.0.2.4
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.150
RTCOMDLL.dll : 2.0.0.150
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33

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  RTEEL64A.dll                                          : 6.1.6001.33
  RTEEP64A.dll                                          : 6.1.6001.33
  RtkApi64.dll                                          : 1.0.0.52
  RtkAPO64.dll                                          : 11.0.6000.283
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.2
  RtkCoLDR64.dll                                        : 1.0.0.1
  RtkGuiCompLib.dll                                     : 1.0.0.5
  RtlCPAPI.dll                                          : 1.0.2.6
  RtlCPAPI64.dll                                        : 1.0.2.6
  RtPgEx64.dll                                          : 6.0.6000.261
  SFAPO64.dll                                           : 3.0.0.16
  SFCOM.dll                                             : 3.0.0.11
  SFCOM64.dll                                           : 3.0.0.16
  SFComm64.dll                                          : 2.0.0.13
  SFDAPO64.dll                                          : 2.0.0.13
  SFHAPO64.dll                                          : 2.0.0.13
  SFNHK64.dll                                           : 3.0.0.16
  SFProc64.dll                                          : 2.0.0.13
  SFSAPO64.dll                                          : 2.0.0.13
  SFSS_APO.dll                                          : 1.1.0.12190
  sl3apo64.dll                                          : 3.0.2.0
  slcc3d64.dll                                          : 1.0.0.100
  slcnt64.dll                                           : 3.0.2.0
  slcshp64.dll                                          : 1.0.3.0
  slcsii64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slhlim64.dll                                          : 2.1.0.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.2.1.0
  slprp64.dll                                           : 1.0.0.1
  sltech64.dll                                          : 3.0.2.0
  sltshd64.dll                                          : 1.2.0.0
  sluapo64.dll                                          : 2.3.11.0
  slvipp64.dll                                          : 1.0.1.0
  slviq64.dll                                           : 2.1.0.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  tadefxapo.dll                                         : 1.0.1.12
  tadefxapo264.dll                                      : 1.2.1.0
  tepeqapo64.dll                                        : 1.1.0.0
  tosade.dll                                            : 1.0.1.12
  WavesGUILib.dll                                       : 4.0.5.0
  RCORES64.dat                                          : 1.1.7.9

HDMI Driver : ------------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                           : 5.10.0.6519
  Rtaupd.exe                                            : 2.8.0.5
  RHCoInstXP.dll                                        : 1.1.5.1
```

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  Windows XP x64 :
  RtkHDMIX.sys                                        : 5.10.0.6519
  Rtaupd64.exe                                        : 2.8.0.5
  RHCoInst64XP.dll                                    : 1.1.5.1

  Vista/Win7 x86 :
  RtHDMIV.sys                                         : 6.0.1.6519
  RtkAudioSrvATI.exe                                  : 1.0.0.23
  RtkUpd.exe                                          : 2.8.0.5
  R4EEA32H.dll                                        : 7.2.7000.6
  R4EED32H.dll                                        : 7.2.7000.6
  R4EEG32H.dll                                        : 7.2.7000.6
  R4EEL32H.dll                                        : 7.2.7000.6
  R4EEP32H.dll                                        : 7.2.7000.6
  RH3DAA32.dll                                        : 6.0.6001.18
  RH3DHT32.dll                                        : 6.0.6001.18
  RHCoInst.dll                                        : 1.1.5.1
  RHDMIExt.dll                                        : 6.0.6000.228
  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.259

  Vista/Win7 x64 :
  RtHDMIVX.sys                                        : 6.0.1.6519
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.5
  R4EEA64H.dll                                        : 7.2.7000.6
  R4EED64H.dll                                        : 7.2.7000.6
  R4EEG64H.dll                                        : 7.2.7000.6
  R4EEL64H.dll                                        : 7.2.7000.6
  R4EEP64H.dll                                        : 7.2.7000.6
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.1.5.1
  RHDMEx64.dll                                        : 6.0.6000.228
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.259

  Driver Setup Program                                : 3.50

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.68
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting:
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ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VD, ALC660,
ALC662, ALC663, ALC665, ALC670, ALC671, ALC672, ALC676, ALC680, ALC221, ALC231, ALC260, ALC262,
ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC290

2. Windows 2000/XP WHQL Supporting:
ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VC,
ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC671, ALC672, ALC676, ALC680, ALC221, ALC231,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276, ALC280, ALC282, ALC290

3. HDMI Device WHQL Support: ATI HDMI Devices

4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64

5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000 SP4, XP SP1, XP SP2, Server 2003 SP1.

6. Add/Fix
1.) Driver :
1. Customizations.
2. Add ALC282.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.6602
RtkHDAud.sys	: 5.10.0.6602
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.4.0.8
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.8.0.5
RtlUpd.exe	: 2.8.0.5
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.38
vncutil.exe	: 1.0.0.38
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.7
RCoInstII64XP.dll	: 2.0.1.4
RTCOMDLL.dll	: 1.0.0.116
RtkCoInstIIXP.dll	: 2.0.1.4
RtkCoLDR64XP.dll	: 1.0.0.1
RtkCoLDRXP.dll	: 1.0.0.1
RtlCPAPI.dll	: 1.0.2.6

Vista/Win7 driver : ----------

Vista/Win7 driver for x86

RTKVHDA.sys	: 6.0.1.6602
AERTSrv.exe	: 1.0.32.10
DTSAudioService.exe	: 1.0.0.0
DTSU2PAuSrv32.exe	: 2.0.20.0
FMAPP.exe	: 1.32.0.1
MaxxAudioControl.exe	: 3.2.0.0
MaxxAudioMeters.exe	: 4.0.5.0
RtHDVBg.exe	: 1.0.0.84
RtHDVCpl.exe	: 1.0.0.772
RtkAudioService.exe	: 1.0.0.29
RtkNGUI.exe	: 1.0.0.183
RtlUpd.exe	: 2.8.0.5
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.45
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.26
AERTACap.dll	: 2.0.32.15
AERTARen.dll	: 1.0.32.11
BlackBlueSkinImages.dll	: 1.0.0.183
BlackSkinImages.dll	: 1.0.0.183
DarkSkinImages.dll	: 1.0.0.183
DTSBassEnhancementDLL.dll	: 1.0.0.1
DTSBoostDLL.dll	: 1.0.0.1
DTSGainCompensatorDLL.dll	: 1.0.0.1
DTSGFXAPO.dll	: 1.0.0.3
DTSGFXAPONS.dll	: 1.0.0.3
DTSLFXAPO.dll	: 1.0.0.3
DTSLimiterDLL.dll	: 1.0.0.1
DTSNeoPCDLL.dll	: 1.0.0.1
DTSS2HeadphoneDLL.dll	: 1.0.0.1
DTSS2SpeakerDLL.dll	: 1.0.0.1
DTSSymmetryDLL.dll	: 1.0.0.1
DTSU2PGFX32.dll	: 2.0.20.0
DTSU2PLFX32.dll	: 2.0.20.0
DTSU2PREC32.dll	: 2.0.20.0
DTSVoiceClarityDLL.dll	: 1.0.0.1
FMAPO.dll	: 44.5.4.68
GrayJadeSkinImages.dll	: 1.0.0.183
KAAPORT.dll	: 4.1105.6000.53
MaxxAudioAPO.dll	: 1.2.2.0
MaxxAudioAPO20.dll	: 2.2.9.0
MaxxAudioAPO30.dll	: 3.2.1.1
MaxxAudioAPO40.dll	: 4.0.3.4
MaxxAudioAPOShell.dll	: 4.1.6.0
MaxxAudioEQ.dll	: 4.0.3.1
MaxxAudioRealtek.dll	: 4.0.5.0
MaxxAudioRealtek2.dll	: 4.0.6.2
MaxxVolumeSDAPO.dll	: 3.2.1.1
MBAPO32.dll	: 1.0.58.0
MBPPCn32.dll	: 1.0.0.110
MBppld32.dll	: 1.0.58.0
MBTHX32.dll	: 1.0.15.162

MBWrp32.dll : 1.0.0.180
PremiumBlackSkinImages.dll : 1.0.0.183
R4EEA32A.dll : 7.2.7000.11
R4EED32A.dll : 7.2.7000.11
R4EEG32A.dll : 7.2.7000.11
R4EEL32A.dll : 7.2.7000.11
R4EEP32A.dll : 7.2.7000.11
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.148
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.280
RtkApoApi.dll : 1.0.0.51
RtkCfg.dll : 1.0.0.2
RtkCoInstII.dll : 2.0.1.4
RtkCoLDR.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.5
RtkPgExt.dll : 6.0.6000.258
RtlCPAPI.dll : 1.0.2.6
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.1.0.12190
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.11.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.2.1.0
TepeqAPO.dll : 1.1.0.0
tosade.dll : 1.0.1.12
WavesGUILib.dll : 4.0.5.0
WavesLib.dll : 5.9.7.0
RCORES.dat : 1.1.6.9

Vista/Win7 driver for x64

RTKVHD64.sys	: 6.0.1.6602
AERTSr64.exe	: 1.0.64.10
DTSAudioService64.exe	: 1.0.0.0
DTSU2PAuSrv64.exe	: 2.0.20.0
FMAPP.exe	: 1.64.0.1
MaxxAudioControl64.exe	: 3.2.0.0
MaxxAudioMeters64.exe	: 4.0.5.0
RAVBg64.exe	: 1.0.0.84
RAVCpl64.exe	: 1.0.0.772
RtkAudioService64.exe	: 1.0.0.29
RtkNGUI64.exe	: 1.0.0.183
RtlUpd64.exe	: 2.8.0.5
SkyTel.exe	: 2.0.2.2
vncutil64.exe	: 1.0.0.45
GWfilt64.sys	: 6.10.0.3
mbfilt64.sys	: 6.10.0.8
RTSnMg64.cpl	: 1.0.0.26
AERTAC64.dll	: 2.0.64.15
AERTAR64.dll	: 1.0.64.11
BlackBlueSkinImages64.dll	: 1.0.0.183
BlackSkinImages64.dll	: 1.0.0.183
DarkSkinImages64.dll	: 1.0.0.183
DTSBassEnhancementDLL64.dll	: 1.0.0.1
DTSBoostDLL64.dll	: 1.0.0.1
DTSGainCompensatorDLL64.dll	: 1.0.0.1
DTSGFXAPO64.dll	: 1.0.0.3
DTSGFXAPONS64.dll	: 1.0.0.3
DTSLFXAPO64.dll	: 1.0.0.3
DTSLimiterDLL64.dll	: 1.0.0.1
DTSNeoPCDLL64.dll	: 1.0.0.1
DTSS2HeadphoneDLL64.dll	: 1.0.0.1
DTSS2SpeakerDLL64.dll	: 1.0.0.1
DTSSymmetryDLL64.dll	: 1.0.0.1
DTSU2PGFX64.dll	: 2.0.20.0
DTSU2PLFX64.dll	: 2.0.20.0
DTSU2PREC64.dll	: 2.0.20.0
DTSVoiceClarityDLL64.dll	: 1.0.0.1
FMAPO64.dll	: 44.6.4.68
GrayJadeSkinImages64.dll	: 1.0.0.183
KAAPORT64.dll	: 4.1105.6000.53
MaxxAudioAPO20.dll	: 2.2.9.0
MaxxAudioAPO30.dll	: 3.2.1.1
MaxxAudioAPO4064.dll	: 4.0.3.4
MaxxAudioAPOShell64.dll	: 4.1.6.0
MaxxAudioEQ.dll	: 4.0.3.1
MaxxAudioRealtek.dll	: 4.0.5.0
MaxxAudioRealtek264.dll	: 4.0.6.2
MaxxVolumeSDAPO.dll	: 3.2.1.1
MBAPO32.dll	: 1.0.58.0
MBAPO64.dll	: 1.0.58.0
MBPPCn64.dll	: 1.0.0.110
MBppld64.dll	: 1.0.58.0

MBTHX32.dll : 1.0.15.162
MBTHX64.dll : 1.0.15.162
MBWrp64.dll : 1.0.0.180
PremiumBlackSkinImages64.dll : 1.0.0.183
R4EEA64A.dll : 7.2.7000.11
R4EED64A.dll : 7.2.7000.11
R4EEG64A.dll : 7.2.7000.11
R4EEL64A.dll : 7.2.7000.11
R4EEP64A.dll : 7.2.7000.11
RCoInstII64.dll : 2.0.1.4
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.148
RTCOMDLL.dll : 2.0.0.148
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.51
RtkAPO64.dll : 11.0.6000.280
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkCoLDR64.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.5
RtlCPAPI.dll : 1.0.2.6
RtlCPAPI64.dll : 1.0.2.6
RtPgEx64.dll : 6.0.6000.258
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.1.0.12190
slcc3d64.dll : 1.0.0.100
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.11.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12

```
  tadefxapo264.dll                                   : 1.2.1.0
  tepeqapo64.dll                                     : 1.1.0.0
  tosade.dll                                         : 1.0.1.12
  WavesGUILib.dll                                    : 4.0.5.0
  RCORES64.dat                                       : 1.1.6.9

HDMI Driver : ------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                        : 5.10.0.6519
  Rtaupd.exe                                         : 2.8.0.5
  RHCoInstXP.dll                                     : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                       : 5.10.0.6519
  Rtaupd64.exe                                       : 2.8.0.5
  RHCoInst64XP.dll                                   : 1.1.5.1

  Vista/Win7 x86 :
  RtHDMIV.sys                                        : 6.0.1.6519
  RtkAudioSrvATI.exe                                 : 1.0.0.23
  RtkUpd.exe                                         : 2.8.0.5
  R4EEA32H.dll                                       : 7.2.7000.6
  R4EED32H.dll                                       : 7.2.7000.6
  R4EEG32H.dll                                       : 7.2.7000.6
  R4EEL32H.dll                                       : 7.2.7000.6
  R4EEP32H.dll                                       : 7.2.7000.6
  RH3DAA32.dll                                       : 6.0.6001.18
  RH3DHT32.dll                                       : 6.0.6001.18
  RHCoInst.dll                                       : 1.1.5.1
  RHDMIExt.dll                                       : 6.0.6000.228
  RTEED32H.dll                                       : 6.1.6001.33
  RTEEG32H.dll                                       : 6.1.6001.33
  RTEEL32H.dll                                       : 6.1.6001.33
  RTEEP32H.dll                                       : 6.1.6001.33
  RtkHDMI.dll                                        : 11.0.6000.259

  Vista/Win7 x64 :
  RtHDMIVX.sys                                       : 6.0.1.6519
  RtkAudioSrvATI64.exe                               : 1.0.0.23
  RtkUpd64.exe                                       : 2.8.0.5
  R4EEA64H.dll                                       : 7.2.7000.6
  R4EED64H.dll                                       : 7.2.7000.6
  R4EEG64H.dll                                       : 7.2.7000.6
  R4EEL64H.dll                                       : 7.2.7000.6
  R4EEP64H.dll                                       : 7.2.7000.6
  RH3DAA64.dll                                       : 6.0.6001.18
  RH3DHT64.dll                                       : 6.0.6001.18
  RHCoInst64.dll                                     : 1.1.5.1
  RHDMEx64.dll                                       : 6.0.6000.228
  RTEED64H.dll                                       : 6.1.6001.33
  RTEEG64H.dll                                       : 6.1.6001.33
  RTEEL64H.dll                                       : 6.1.6001.33
  RTEEP64H.dll                                       : 6.1.6001.33
  RtkHDM64.dll                                       : 11.0.6000.259
```

```
  Driver Setup Program                                  : 3.44

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.67
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC660,
            ALC662, ALC663, ALC665, ALC670, ALC671, ALC672, ALC676, ALC680,
ALC221, ALC231, ALC260, ALC262,
            ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276,
ALC280, ALC290
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC,
            ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC671, ALC672,
ALC676, ALC680, ALC221, ALC231,
            ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275, ALC276, ALC280, ALC290
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Add ALC280.

Windows 2000/XP : ------------------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.6526
  RtkHDAud.sys                                          : 5.10.0.6526
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.4
  RTHDCPL.exe                                           : 2.4.0.5
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.5
  RtlUpd.exe                                            : 2.8.0.5
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.38
  vncutil.exe                                           : 1.0.0.38
  AMBFilt.sys                                           : 5.10.0.4240
  AMBFt64.sys                                           : 5.10.0.4240
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  Monfilt.sys                                          : 5.10.0.4112
  Monft64.sys                                          : 5.10.0.4115
  OAO17Afx.sys                                         : 1.0.7.3
  ALSndMgr.cpl                                         : 1.0.0.11
  RTSndMgr.cpl                                         : 1.0.1.7
  RCoInstII64XP.dll                                    : 2.0.0.6
  RTCOMDLL.dll                                         : 1.0.0.115
  RtkCoInstIIXP.dll                                    : 2.0.0.6
  RtkCoLDR64XP.dll                                     : 1.0.0.1
  RtkCoLDRXP.dll                                       : 1.0.0.1
  RtlCPAPI.dll                                         : 1.0.2.5

Vista/Win7 driver : ------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                          : 6.0.1.6526
  AERTSrv.exe                                          : 1.0.32.10
  DTSAudioService.exe                                  : 1.0.0.0
  DTSU2PAuSrv32.exe                                    : 2.0.15.0
  FMAPP.exe                                            : 1.32.0.1
  RtHDVBg.exe                                          : 1.0.0.82
  RtHDVCpl.exe                                         : 1.0.0.756
  RtkAudioService.exe                                  : 1.0.0.29
  RtkNGUI.exe                                          : 1.0.0.164
  RtlUpd.exe                                           : 2.8.0.5
  SkyTel.exe                                           : 2.0.2.2
  vncutil.exe                                          : 1.0.0.45
  mbfilt32.sys                                         : 6.10.0.8
  RTSndMgr.cpl                                         : 1.0.0.26
  AERTACap.dll                                         : 2.0.32.13
  AERTARen.dll                                         : 1.0.32.9
  BlackBlueSkinImages.dll                              : 1.0.0.164
  BlackJadeSkinImages.dll                              : 1.0.0.164
  BlackSkinImages.dll                                  : 1.0.0.164
  DarkSkinImages.dll                                   : 1.0.0.164
  DTSBassEnhancementDLL.dll                            : 1.0.0.1
  DTSBoostDLL.dll                                      : 1.0.0.1
  DTSGainCompensatorDLL.dll                            : 1.0.0.1
  DTSGFXAPO.dll                                        : 1.0.0.3
  DTSGFXAPONS.dll                                      : 1.0.0.3
  DTSLFXAPO.dll                                        : 1.0.0.3
  DTSLimiterDLL.dll                                    : 1.0.0.1
  DTSNeoPCDLL.dll                                      : 1.0.0.1
  DTSS2HeadphoneDLL.dll                                : 1.0.0.1
  DTSS2SpeakerDLL.dll                                  : 1.0.0.1
  DTSSymmetryDLL.dll                                   : 1.0.0.1
  DTSU2PGFX32.dll                                      : 2.0.15.0
  DTSU2PLFX32.dll                                      : 2.0.15.0
  DTSU2PREC32.dll                                      : 2.0.15.0
  DTSVoiceClarityDLL.dll                               : 1.0.0.1
  FMAPO.dll                                            : 43.5.16.65
  GrayJadeSkinImages.dll                               : 1.0.0.164
  KAAPORT.dll                                          : 4.1105.6000.53
  LightSkinImages.dll                                  : 1.0.0.164
  MaxxAudioAPO.dll                                     : 1.2.2.0
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MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 2.0.0.0
MaxxAudioRealtek.dll : 1.3.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.56.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.51.0
MBTHX32.dll : 1.0.15.156
MBWrp32.dll : 1.0.0.180
PremiumBlackSkinImages.dll : 1.0.0.164
R4EEA32A.dll : 7.2.7000.6
R4EED32A.dll : 7.2.7000.6
R4EEG32A.dll : 7.2.7000.6
R4EEL32A.dll : 7.2.7000.6
R4EEP32A.dll : 7.2.7000.6
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.146
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.261
RtkApoApi.dll : 1.0.0.49
RtkCfg.dll : 1.0.0.2
RtkCoInstII.dll : 2.0.0.6
RtkCoLDR.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.245
RtlCPAPI.dll : 1.0.2.5
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
SFSS_APO.dll : 1.1.0.11180
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.11.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0

SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.1.0.31
TepeqAPO.dll : 1.0.0.3
tosade.dll : 1.0.1.12
WavesGUILib.dll : 2.0.0.0
WavesLib.dll : 5.9.7.0
RCORES.dat : 1.1.4.6

Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6526
AERTSr64.exe : 1.0.64.10
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.0.15.0
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.82
RAVCpl64.exe : 1.0.0.756
RtkAudioService64.exe : 1.0.0.29
RtkNGUI64.exe : 1.0.0.164
RtlUpd64.exe : 2.8.0.5
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.26
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackBlueSkinImages64.dll : 1.0.0.164
BlackJadeSkinImages64.dll : 1.0.0.164
BlackSkinImages64.dll : 1.0.0.164
DarkSkinImages64.dll : 1.0.0.164
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.0.15.0
DTSU2PLFX64.dll : 2.0.15.0
DTSU2PREC64.dll : 2.0.15.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.16.65
GrayJadeSkinImages64.dll : 1.0.0.164
KAAPORT64.dll : 4.1105.6000.53
LightSkinImages64.dll : 1.0.0.164
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1

MaxxAudioEQ.dll : 2.0.0.0
MaxxAudioRealtek.dll : 1.3.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.56.0
MBAPO64.dll : 1.0.56.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.51.0
MBTHX32.dll : 1.0.15.156
MBTHX64.dll : 1.0.15.156
MBWrp64.dll : 1.0.0.180
PremiumBlackSkinImages64.dll : 1.0.0.164
R4EEA64A.dll : 7.2.7000.6
R4EED64A.dll : 7.2.7000.6
R4EEG64A.dll : 7.2.7000.6
R4EEL64A.dll : 7.2.7000.6
R4EEP64A.dll : 7.2.7000.6
RCoInstII64.dll : 2.0.0.6
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.146
RTCOMDLL.dll : 2.0.0.146
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.49
RtkAPO64.dll : 11.0.6000.261
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkCoLDR64.dll : 1.0.0.1
RtkGuiCompLib.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.5
RtlCPAPI64.dll : 1.0.2.5
RtPgEx64.dll : 6.0.6000.245
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.1.0.11180
slcc3d64.dll : 1.0.0.100
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
sltshd64.dll : 1.2.0.0

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  sluapo64.dll                                          : 2.3.11.0
  slvipp64.dll                                          : 1.0.1.0
  slviq64.dll                                           : 2.1.0.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  tadefxapo.dll                                         : 1.0.1.12
  tadefxapo264.dll                                      : 1.1.0.31
  tepeqapo64.dll                                        : 1.0.0.3
  tosade.dll                                            : 1.0.1.12
  WavesGUILib.dll                                       : 2.0.0.0
  RCORES64.dat                                          : 1.1.4.6

HDMI Driver : ------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                           : 5.10.0.6519
  Rtaupd.exe                                            : 2.8.0.5
  RHCoInstXP.dll                                        : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                          : 5.10.0.6519
  Rtaupd64.exe                                          : 2.8.0.5
  RHCoInst64XP.dll                                      : 1.1.5.1

  Vista/Win7 x86 :
  RtHDMIV.sys                                           : 6.0.1.6519
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.5
  R4EEA32H.dll                                          : 7.2.7000.6
  R4EED32H.dll                                          : 7.2.7000.6
  R4EEG32H.dll                                          : 7.2.7000.6
  R4EEL32H.dll                                          : 7.2.7000.6
  R4EEP32H.dll                                          : 7.2.7000.6
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.1.5.1
  RHDMIExt.dll                                          : 6.0.6000.228
  RTEED32H.dll                                          : 6.1.6001.33
  RTEEG32H.dll                                          : 6.1.6001.33
  RTEEL32H.dll                                          : 6.1.6001.33
  RTEEP32H.dll                                          : 6.1.6001.33
  RtkHDMI.dll                                           : 11.0.6000.259

  Vista/Win7 x64 :
  RtHDMIVX.sys                                          : 6.0.1.6519
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.5
  R4EEA64H.dll                                          : 7.2.7000.6
  R4EED64H.dll                                          : 7.2.7000.6
  R4EEG64H.dll                                          : 7.2.7000.6
  R4EEL64H.dll                                          : 7.2.7000.6
  R4EEP64H.dll                                          : 7.2.7000.6
  RH3DAA64.dll                                          : 6.0.6001.18
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  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.1.5.1
  RHDMEx64.dll                                          : 6.0.6000.228
  RTEED64H.dll                                          : 6.1.6001.33
  RTEEG64H.dll                                          : 6.1.6001.33
  RTEEL64H.dll                                          : 6.1.6001.33
  RTEEP64H.dll                                          : 6.1.6001.33
  RtkHDM64.dll                                          : 11.0.6000.259

  Driver Setup Program                                  : 3.44

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.66
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC660,
            ALC662, ALC663, ALC665, ALC670, ALC671, ALC672, ALC676, ALC680,
ALC221, ALC231, ALC260, ALC262,
            ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276,
ALC290
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC,
            ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC671, ALC672,
ALC676, ALC680, ALC221, ALC231,
            ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275, ALC276, ALC290
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Support ALC290.

Windows 2000/XP : ------------------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.6482
  RtkHDAud.sys                                          : 5.10.0.6482
  MicCal.exe                                            : 1.1.2.4
  RTHDCPL.exe                                           : 2.4.0.4
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.5
  RtlUpd.exe                                            : 2.8.0.5
```

```
  SkyTel.exe                                        : 2.0.2.0
  SoundMan.exe                                      : 1.0.0.32
  vncutil64.exe                                     : 1.0.0.38
  vncutil.exe                                       : 1.0.0.38
  Alcmtr.exe                                        : 1.6.0.4
  AlcWzrd.exe                                       : 1.1.0.37
  AMBFt64.sys                                       : 5.10.0.4240
  Monfilt.sys                                       : 5.10.0.4112
  Monft64.sys                                       : 5.10.0.4115
  OAO17Afx.sys                                      : 1.0.7.3
  AMBFilt.sys                                       : 5.10.0.4240
  RTSndMgr.cpl                                      : 1.0.1.7
  ALSndMgr.cpl                                      : 1.0.0.11
  RCoInst64XP.dll                                   : 1.1.7.8
  RTCOMDLL.dll                                      : 1.0.0.113
  RtkCoInstXP.dll                                   : 1.1.7.8
  RtlCPAPI.dll                                      : 1.0.2.5

Vista/Win7 driver : ------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                       : 6.0.1.6482
  AERTSrv.exe                                       : 1.0.32.10
  DTSAudioService.exe                               : 1.0.0.0
  DTSU2PAuSrv32.exe                                 : 2.0.15.0
  FMAPP.exe                                         : 1.32.0.1
  RtHDVBg.exe                                       : 1.0.0.79
  RtHDVCpl.exe                                      : 1.0.0.738
  RtkAudioService.exe                               : 1.0.0.29
  RtkNGUI.exe                                       : 1.0.0.143
  RtlUpd.exe                                        : 2.8.0.5
  SkyTel.exe                                        : 2.0.2.2
  vncutil.exe                                       : 1.0.0.45
  mbfilt32.sys                                      : 6.10.0.8
  RTSndMgr.cpl                                      : 1.0.0.25
  AERTACap.dll                                      : 2.0.32.13
  AERTARen.dll                                      : 1.0.32.9
  BlackBlueSkinImages.dll                           : 1.0.0.141
  BlackJadeSkinImages.dll                           : 1.0.0.124
  BlackSkinImages.dll                               : 1.0.0.143
  DarkSkinImages.dll                                : 1.0.0.143
  DTSBassEnhancementDLL.dll                         : 1.0.0.1
  DTSBoostDLL.dll                                   : 1.0.0.1
  DTSGainCompensatorDLL.dll                         : 1.0.0.1
  DTSGFXAPO.dll                                     : 1.0.0.3
  DTSGFXAPONS.dll                                   : 1.0.0.3
  DTSLFXAPO.dll                                     : 1.0.0.3
  DTSLimiterDLL.dll                                 : 1.0.0.1
  DTSNeoPCDLL.dll                                   : 1.0.0.1
  DTSS2HeadphoneDLL.dll                             : 1.0.0.1
  DTSS2SpeakerDLL.dll                               : 1.0.0.1
  DTSSymmetryDLL.dll                                : 1.0.0.1
  DTSU2PGFX32.dll                                   : 2.0.15.0
  DTSU2PLFX32.dll                                   : 2.0.15.0
  DTSU2PREC32.dll                                   : 2.0.15.0
```

DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 43.5.16.65
GrayJadeSkinImages.dll : 1.0.0.143
KAAPORT.dll : 4.1105.6000.53
LightSkinImages.dll : 1.0.0.143
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 2.0.0.0
MaxxAudioRealtek.dll : 1.3.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.51.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.51.0
MBTHX32.dll : 1.0.15.152
MBWrp32.dll : 1.0.0.180
PremiumBlackSkinImages.dll : 1.0.0.143
R4EEA32A.dll : 7.2.7000.6
R4EED32A.dll : 7.2.7000.6
R4EEG32A.dll : 7.2.7000.6
R4EEL32A.dll : 7.2.7000.6
R4EEP32A.dll : 7.2.7000.6
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.146
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.244
RtkApoApi.dll : 1.0.0.43
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.7.8
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.234
RtlCPAPI.dll : 1.0.2.5
SFAPO.dll : 3.0.0.16
SFCOM.dll : 3.0.0.16
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.16
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0

sluapo32.dll : 2.3.8.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.1.0.31
TepeqAPO.dll : 1.0.0.3
tosade.dll : 1.0.1.12
WavesGUILib.dll : 2.0.0.0
WavesLib.dll : 5.9.7.0
RCORES.dat : 1.1.2.7

Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6482
AERTSr64.exe : 1.0.64.10
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.0.15.0
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.79
RAVCpl64.exe : 1.0.0.738
RtkAudioService64.exe : 1.0.0.29
RtkNGUI64.exe : 1.0.0.143
RtlUpd64.exe : 2.8.0.5
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.25
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackBlueSkinImages64.dll : 1.0.0.141
BlackJadeSkinImages64.dll : 1.0.0.124
BlackSkinImages64.dll : 1.0.0.143
DarkSkinImages64.dll : 1.0.0.143
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.0.15.0
DTSU2PLFX64.dll : 2.0.15.0
DTSU2PREC64.dll : 2.0.15.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.16.65
GrayJadeSkinImages64.dll : 1.0.0.143

KAAPORT64.dll : 4.1105.6000.53
LightSkinImages64.dll : 1.0.0.143
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 2.0.0.0
MaxxAudioRealtek.dll : 1.3.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.51.0
MBAPO64.dll : 1.0.51.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.51.0
MBTHX32.dll : 1.0.15.152
MBTHX64.dll : 1.0.15.152
MBWrp64.dll : 1.0.0.180
PremiumBlackSkinImages64.dll : 1.0.0.143
R4EEA64A.dll : 7.2.7000.6
R4EED64A.dll : 7.2.7000.6
R4EEG64A.dll : 7.2.7000.6
R4EEL64A.dll : 7.2.7000.6
R4EEP64A.dll : 7.2.7000.6
RCoInst64.dll : 1.1.7.8
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.146
RTCOMDLL.dll : 2.0.0.146
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.43
RtkAPO64.dll : 11.0.6000.244
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkGuiCompLib.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.5
RtlCPAPI64.dll : 1.0.2.5
RtPgEx64.dll : 6.0.6000.234
SFAPO64.dll : 3.0.0.16
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.16
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.16
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.0.0.11110
slcc3d64.dll : 1.0.0.100
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0

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  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.2.1.0
  sltshd64.dll                                          : 1.2.0.0
  sluapo64.dll                                          : 2.3.8.0
  slvipp64.dll                                          : 1.0.1.0
  slviq64.dll                                           : 2.1.0.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  tadefxapo.dll                                         : 1.0.1.12
  tadefxapo264.dll                                      : 1.1.0.31
  tepeqapo64.dll                                        : 1.0.0.3
  tosade.dll                                            : 1.0.1.12
  WavesGUILib.dll                                       : 2.0.0.0
  RCORES64.dat                                          : 1.1.2.7
HDMI Driver : ------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                           : 5.10.0.6409
  Rtaupd.exe                                            : 2.8.0.3
  RHCoInstXP.dll                                        : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                          : 5.10.0.6409
  Rtaupd64.exe                                          : 2.8.0.3
  RHCoInst64XP.dll                                      : 1.1.5.1

  Vista/Win7 x86 :
  RtHDMIV.sys                                           : 6.0.1.6409
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.3
  R4EEA32H.dll                                          : 7.2.7000.6
  R4EED32H.dll                                          : 7.2.7000.6
  R4EEG32H.dll                                          : 7.2.7000.6
  R4EEL32H.dll                                          : 7.2.7000.6
  R4EEP32H.dll                                          : 7.2.7000.6
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.1.5.1
  RHDMIExt.dll                                          : 6.0.6000.213
  RTEED32H.dll                                          : 6.1.6001.33
  RTEEG32H.dll                                          : 6.1.6001.33
  RTEEL32H.dll                                          : 6.1.6001.33
  RTEEP32H.dll                                          : 6.1.6001.33
  RtkHDMI.dll                                           : 11.0.6000.224

  Vista/Win7 x64 :
  RtHDMIVX.sys                                          : 6.0.1.6409
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.3
  R4EEA64H.dll                                          : 7.2.7000.6
  R4EED64H.dll                                          : 7.2.7000.6
  R4EEG64H.dll                                          : 7.2.7000.6
  R4EEL64H.dll                                          : 7.2.7000.6
```

```
  R4EEP64H.dll                                          : 7.2.7000.6
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.1.5.1
  RHDMEx64.dll                                          : 6.0.6000.213
  RTEED64H.dll                                          : 6.1.6001.33
  RTEEG64H.dll                                          : 6.1.6001.33
  RTEEL64H.dll                                          : 6.1.6001.33
  RTEEP64H.dll                                          : 6.1.6001.33
  RtkHDM64.dll                                          : 11.0.6000.224

  Driver Setup Program                                  : 3.37

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.65
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC660,
            ALC662, ALC663, ALC665, ALC670, ALC671, ALC672, ALC676, ALC680,
ALC221, ALC231, ALC260, ALC262,
            ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC,
            ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC671, ALC672,
ALC676, ALC680, ALC221, ALC231,
            ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275, ALC276
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ------------------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.6449
  RtkHDAud.sys                                          : 5.10.0.6449
  MicCal.exe                                            : 1.1.2.4
  RTHDCPL.exe                                           : 2.4.0.3
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.5
  RtlUpd.exe                                            : 2.8.0.5
```

SkyTel.exe : 2.0.2.0
SoundMan.exe : 1.0.0.32
vncutil64.exe : 1.0.0.38
vncutil.exe : 1.0.0.38
Alcmtr.exe : 1.6.0.4
AlcWzrd.exe : 1.1.0.37
Monfilt.sys : 5.10.0.4112
Monft64.sys : 5.10.0.4115
OAO17Afx.sys : 1.0.7.3
AMBFilt.sys : 5.10.0.4240
AMBFt64.sys : 5.10.0.4240
RTSndMgr.cpl : 1.0.1.7
ALSndMgr.cpl : 1.0.0.11
RCoInst64XP.dll : 1.1.6.8
RTCOMDLL.dll : 1.0.0.113
RtkCoInstXP.dll : 1.1.6.8
RtlCPAPI.dll : 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86
RTKVHDA.sys : 6.0.1.6449
AERTSrv.exe : 1.0.32.10
DTSAudioService.exe : 1.0.0.0
DTSU2PAuSrv32.exe : 2.0.15.0
FMAPP.exe : 1.32.0.1
RtHDVBg.exe : 1.0.0.75
RtHDVCpl.exe : 1.0.0.725
RtkAudioService.exe : 1.0.0.29
RtkNGUI.exe : 1.0.0.134
RtlUpd.exe : 2.8.0.5
SkyTel.exe : 2.0.2.2
vncutil.exe : 1.0.0.45
mbfilt32.sys : 6.10.0.8
RTSndMgr.cpl : 1.0.0.25
AERTACap.dll : 2.0.32.13
AERTARen.dll : 1.0.32.9
BlackSkinImages.dll : 1.0.0.134
DarkSkinImages.dll : 1.0.0.134
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSU2PGFX32.dll : 2.0.15.0
DTSU2PLFX32.dll : 2.0.15.0
DTSU2PREC32.dll : 2.0.15.0
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 43.5.16.65

GrayJadeSkinImages.dll : 1.0.0.134
KAAPORT.dll : 4.1105.6000.53
LightSkinImages.dll : 1.0.0.134
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 2.0.0.0
MaxxAudioRealtek.dll : 1.3.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.51.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.51.0
MBTHX32.dll : 1.0.15.147
MBWrp32.dll : 1.0.0.180
PremiumBlackSkinImages.dll : 1.0.0.134
R4EEA32A.dll : 7.2.7000.6
R4EED32A.dll : 7.2.7000.6
R4EEG32A.dll : 7.2.7000.6
R4EEL32A.dll : 7.2.7000.6
R4EEP32A.dll : 7.2.7000.6
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.146
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.235
RtkApoApi.dll : 1.0.0.42
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.6.8
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.224
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.14
SFCOM.dll : 3.0.0.14
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.14
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.8.0
slvipp32.dll : 1.0.1.0

slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.1.0.31
tosade.dll : 1.0.1.12
WavesGUILib.dll : 2.0.0.0
WavesLib.dll : 5.9.7.0
RCORES.dat : 1.1.1.8

Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6449
AERTSr64.exe : 1.0.64.10
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.0.15.0
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.75
RAVCpl64.exe : 1.0.0.725
RtkAudioService64.exe : 1.0.0.29
RtkNGUI64.exe : 1.0.0.134
RtlUpd64.exe : 2.8.0.5
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.25
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.134
DarkSkinImages64.dll : 1.0.0.134
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.0.15.0
DTSU2PLFX64.dll : 2.0.15.0
DTSU2PREC64.dll : 2.0.15.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.16.65
GrayJadeSkinImages64.dll : 1.0.0.134
KAAPORT64.dll : 4.1105.6000.53
LightSkinImages64.dll : 1.0.0.134
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 2.0.0.0

MaxxAudioRealtek.dll : 1.3.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.51.0
MBAPO64.dll : 1.0.51.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.51.0
MBTHX32.dll : 1.0.15.147
MBTHX64.dll : 1.0.15.147
MBWrp64.dll : 1.0.0.180
PremiumBlackSkinImages64.dll : 1.0.0.134
R4EEA64A.dll : 7.2.7000.6
R4EED64A.dll : 7.2.7000.6
R4EEG64A.dll : 7.2.7000.6
R4EEL64A.dll : 7.2.7000.6
R4EEP64A.dll : 7.2.7000.6
RCoInst64.dll : 1.1.6.8
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.146
RTCOMDLL.dll : 2.0.0.146
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.42
RtkAPO64.dll : 11.0.6000.235
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkGuiCompLib.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.224
SFAPO64.dll : 3.0.0.14
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.14
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.14
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.0.0.11110
slcc3d64.dll : 1.0.0.100
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.8.0
slvipp64.dll : 1.0.1.0

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  slviq64.dll                                          : 2.1.0.0
  SRSHP64.dll                                          : 1.1.0.0
  SRSTSH64.dll                                         : 1.1.4.0
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.3.0
  tadefxapo.dll                                        : 1.0.1.12
  tadefxapo264.dll                                     : 1.1.0.31
  tepeqapo64.dll                                       : 1.0.0.3
  tosade.dll                                           : 1.0.1.12
  WavesGUILib.dll                                      : 2.0.0.0
  RCORES64.dat                                         : 1.1.1.8
HDMI Driver : ------------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                          : 5.10.0.6409
  Rtaupd.exe                                           : 2.8.0.3
  RHCoInstXP.dll                                       : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                         : 5.10.0.6409
  Rtaupd64.exe                                         : 2.8.0.3
  RHCoInst64XP.dll                                     : 1.1.5.1

  Vista/Win7 x86 :
  RtHDMIV.sys                                          : 6.0.1.6409
  RtkAudioSrvATI.exe                                   : 1.0.0.23
  RtkUpd.exe                                           : 2.8.0.3
  R4EEA32H.dll                                         : 7.2.7000.6
  R4EED32H.dll                                         : 7.2.7000.6
  R4EEG32H.dll                                         : 7.2.7000.6
  R4EEL32H.dll                                         : 7.2.7000.6
  R4EEP32H.dll                                         : 7.2.7000.6
  RH3DAA32.dll                                         : 6.0.6001.18
  RH3DHT32.dll                                         : 6.0.6001.18
  RHCoInst.dll                                         : 1.1.5.1
  RHDMIExt.dll                                         : 6.0.6000.213
  RTEED32H.dll                                         : 6.1.6001.33
  RTEEG32H.dll                                         : 6.1.6001.33
  RTEEL32H.dll                                         : 6.1.6001.33
  RTEEP32H.dll                                         : 6.1.6001.33
  RtkHDMI.dll                                          : 11.0.6000.224

  Vista/Win7 x64 :
  RtHDMIVX.sys                                         : 6.0.1.6409
  RtkAudioSrvATI64.exe                                 : 1.0.0.23
  RtkUpd64.exe                                         : 2.8.0.3
  R4EEA64H.dll                                         : 7.2.7000.6
  R4EED64H.dll                                         : 7.2.7000.6
  R4EEG64H.dll                                         : 7.2.7000.6
  R4EEL64H.dll                                         : 7.2.7000.6
  R4EEP64H.dll                                         : 7.2.7000.6
  RH3DAA64.dll                                         : 6.0.6001.18
  RH3DHT64.dll                                         : 6.0.6001.18
  RHCoInst64.dll                                       : 1.1.5.1
  RHDMEx64.dll                                         : 6.0.6000.213
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  RTEED64H.dll                                          : 6.1.6001.33
  RTEEG64H.dll                                          : 6.1.6001.33
  RTEEL64H.dll                                          : 6.1.6001.33
  RTEEP64H.dll                                          : 6.1.6001.33
  RtkHDM64.dll                                          : 11.0.6000.224

  Driver Setup Program                                  : 3.34

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.64
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC660,
            ALC662, ALC663, ALC665, ALC670, ALC672, ALC676, ALC680, ALC221,
ALC231, ALC260, ALC262,
            ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC,
            ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC672, ALC676,
ALC680 ALC221, ALC231,
            ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275, ALC276
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ------------------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.6438
  RtkHDAud.sys                                          : 5.10.0.6438
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.4
  RTHDCPL.exe                                           : 2.4.0.2
  RtkAudioService.exe                                   : 1.0.0.19
  RtkAudioService64.exe                                 : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd.exe                                            : 2.8.0.4
  RtlUpd64.exe                                          : 2.8.0.4
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil.exe                                           : 1.0.0.38
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  vncutil64.exe                                     : 1.0.0.38
  AMBFilt.sys                                       : 5.10.0.4240
  AMBFt64.sys                                       : 5.10.0.4240
  Monfilt.sys                                       : 5.10.0.4112
  Monft64.sys                                       : 5.10.0.4115
  OAO17Afx.sys                                      : 1.0.7.3
  ALSndMgr.cpl                                      : 1.0.0.11
  RTSndMgr.cpl                                      : 1.0.1.7
  RCoInst64XP.dll                                   : 1.1.6.3
  RTCOMDLL.dll                                      : 1.0.0.113
  RtkCoInstXP.dll                                   : 1.1.6.3
  RtlCPAPI.dll                                      : 1.0.2.3

Vista/Win7 driver : ------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                       : 6.0.1.6438
  AERTSrv.exe                                       : 1.0.32.10
  DTSAudioService.exe                               : 1.0.0.0
  DTSU2PAuSrv32.exe                                 : 2.0.15.0
  FMAPP.exe                                         : 1.32.0.1
  RtHDVBg.exe                                       : 1.0.0.75
  RtHDVCpl.exe                                      : 1.0.0.723
  RtkAudioService.exe                               : 1.0.0.29
  RtkNGUI.exe                                       : 1.0.0.130
  RtlUpd.exe                                        : 2.8.0.4
  SkyTel.exe                                        : 2.0.2.2
  vncutil.exe                                       : 1.0.0.45
  mbfilt32.sys                                      : 6.10.0.8
  RTSndMgr.cpl                                      : 1.0.0.25
  AERTACap.dll                                      : 2.0.32.13
  AERTARen.dll                                      : 1.0.32.9
  BlackSkinImages.dll                               : 1.0.0.130
  DarkSkinImages.dll                                : 1.0.0.130
  DTSBassEnhancementDLL.dll                         : 1.0.0.1
  DTSBoostDLL.dll                                   : 1.0.0.1
  DTSGainCompensatorDLL.dll                         : 1.0.0.1
  DTSGFXAPO.dll                                     : 1.0.0.3
  DTSGFXAPONS.dll                                   : 1.0.0.3
  DTSLFXAPO.dll                                     : 1.0.0.3
  DTSLimiterDLL.dll                                 : 1.0.0.1
  DTSNeoPCDLL.dll                                   : 1.0.0.1
  DTSS2HeadphoneDLL.dll                             : 1.0.0.1
  DTSS2SpeakerDLL.dll                               : 1.0.0.1
  DTSSymmetryDLL.dll                                : 1.0.0.1
  DTSU2PGFX32.dll                                   : 2.0.15.0
  DTSU2PLFX32.dll                                   : 2.0.15.0
  DTSU2PREC32.dll                                   : 2.0.15.0
  DTSVoiceClarityDLL.dll                            : 1.0.0.1
  FMAPO.dll                                         : 43.5.16.65
  GrayJadeSkinImages.dll                            : 1.0.0.130
  KAAPORT.dll                                       : 4.1104.6000.52
  LightSkinImages.dll                               : 1.0.0.130
  MaxxAudioAPO.dll                                  : 1.2.2.0
  MaxxAudioAPO20.dll                                : 2.2.9.0
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MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 2.0.0.0
MaxxAudioRealtek.dll : 1.3.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.48.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.48.0
MBTHX32.dll : 1.0.15.146
MBWrp32.dll : 1.0.0.180
PremiumBlackSkinImages.dll : 1.0.0.130
R4EEA32A.dll : 7.2.7000.6
R4EED32A.dll : 7.2.7000.6
R4EEG32A.dll : 7.2.7000.6
R4EEL32A.dll : 7.2.7000.6
R4EEP32A.dll : 7.2.7000.6
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.146
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.233
RtkApoApi.dll : 1.0.0.41
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.6.3
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.221
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.14
SFCOM.dll : 3.0.0.14
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.14
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.3.8.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0

tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.1.0.31
tosade.dll : 1.0.1.12
WavesGUILib.dll : 2.0.0.0
WavesLib.dll : 5.9.7.0
RCORES.dat : 1.1.1.6

Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6438
AERTSr64.exe : 1.0.64.10
DTSAudioService64.exe : 1.0.0.0
DTSU2PAuSrv64.exe : 2.0.15.0
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.75
RAVCpl64.exe : 1.0.0.723
RtkAudioService64.exe : 1.0.0.29
RtkNGUI64.exe : 1.0.0.130
RtlUpd64.exe : 2.8.0.4
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.45
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.25
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.130
DarkSkinImages64.dll : 1.0.0.130
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSU2PGFX64.dll : 2.0.15.0
DTSU2PLFX64.dll : 2.0.15.0
DTSU2PREC64.dll : 2.0.15.0
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.16.65
GrayJadeSkinImages64.dll : 1.0.0.130
KAAPORT64.dll : 4.1104.6000.52
LightSkinImages64.dll : 1.0.0.130
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 2.0.0.0
MaxxAudioRealtek.dll : 1.3.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.48.0
MBAPO64.dll : 1.0.48.0

MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.48.0
MBTHX32.dll : 1.0.15.146
MBTHX64.dll : 1.0.15.146
MBWrp64.dll : 1.0.0.180
PremiumBlackSkinImages64.dll : 1.0.0.130
R4EEA64A.dll : 7.2.7000.6
R4EED64A.dll : 7.2.7000.6
R4EEG64A.dll : 7.2.7000.6
R4EEL64A.dll : 7.2.7000.6
R4EEP64A.dll : 7.2.7000.6
RCoInst64.dll : 1.1.6.3
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.146
RTCOMDLL.dll : 2.0.0.146
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.41
RtkAPO64.dll : 11.0.6000.233
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkGuiCompLib.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.221
SFAPO64.dll : 3.0.0.14
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.14
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.14
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.0.0.11110
slcc3d64.dll : 1.0.0.100
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.3.8.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0

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  tadefxapo.dll                                          : 1.0.1.12
  tadefxapo264.dll                                       : 1.1.0.31
  tepeqapo64.dll                                         : 1.0.0.3
  tosade.dll                                             : 1.0.1.12
  WavesGUILib.dll                                        : 2.0.0.0
  RCORES64.dat                                           : 1.1.1.6
HDMI Driver : ------------------------------------------------------------------
  Windows 2000/XP x86 :
  RtkHDMI.sys                                            : 5.10.0.6409
  Rtaupd.exe                                             : 2.8.0.3
  RHCoInstXP.dll                                         : 1.1.5.1

  Windows XP x64 :
  RtkHDMIX.sys                                           : 5.10.0.6409
  Rtaupd64.exe                                           : 2.8.0.3
  RHCoInst64XP.dll                                       : 1.1.5.1

  Vista/Win7 x86 :
  RtHDMIV.sys                                            : 6.0.1.6409
  RtkAudioSrvATI.exe                                     : 1.0.0.23
  RtkUpd.exe                                             : 2.8.0.3
  R4EEA32H.dll                                           : 7.2.7000.6
  R4EED32H.dll                                           : 7.2.7000.6
  R4EEG32H.dll                                           : 7.2.7000.6
  R4EEL32H.dll                                           : 7.2.7000.6
  R4EEP32H.dll                                           : 7.2.7000.6
  RH3DAA32.dll                                           : 6.0.6001.18
  RH3DHT32.dll                                           : 6.0.6001.18
  RHCoInst.dll                                           : 1.1.5.1
  RHDMIExt.dll                                           : 6.0.6000.213
  RTEED32H.dll                                           : 6.1.6001.33
  RTEEG32H.dll                                           : 6.1.6001.33
  RTEEL32H.dll                                           : 6.1.6001.33
  RTEEP32H.dll                                           : 6.1.6001.33
  RtkHDMI.dll                                            : 11.0.6000.224

  Vista/Win7 x64 :
  RtHDMIVX.sys                                           : 6.0.1.6409
  RtkAudioSrvATI64.exe                                   : 1.0.0.23
  RtkUpd64.exe                                           : 2.8.0.3
  R4EEA64H.dll                                           : 7.2.7000.6
  R4EED64H.dll                                           : 7.2.7000.6
  R4EEG64H.dll                                           : 7.2.7000.6
  R4EEL64H.dll                                           : 7.2.7000.6
  R4EEP64H.dll                                           : 7.2.7000.6
  RH3DAA64.dll                                           : 6.0.6001.18
  RH3DHT64.dll                                           : 6.0.6001.18
  RHCoInst64.dll                                         : 1.1.5.1
  RHDMEx64.dll                                           : 6.0.6000.213
  RTEED64H.dll                                           : 6.1.6001.33
  RTEEG64H.dll                                           : 6.1.6001.33
  RTEEL64H.dll                                           : 6.1.6001.33
  RTEEP64H.dll                                           : 6.1.6001.33
  RtkHDM64.dll                                           : 11.0.6000.224
```

```
  Driver Setup Program                                  : 3.31

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.63
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC660,
            ALC662, ALC663, ALC665, ALC670, ALC672, ALC676, ALC680, ALC221,
ALC231, ALC260, ALC262,
            ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC,
            ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC672, ALC676,
ALC680 ALC221, ALC231,
            ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275, ALC276
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ------------------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.6410
  RtkHDAud.sys                                          : 5.10.0.6410
  MicCal.exe                                            : 1.1.2.4
  RTHDCPL.exe                                           : 2.3.9.9
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.3
  RtlUpd.exe                                            : 2.8.0.3
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.38
  vncutil.exe                                           : 1.0.0.38
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  AMBFilt.sys                                           : 5.10.0.4240
  AMBFt64.sys                                           : 5.10.0.4240
  Monfilt.sys                                           : 5.10.0.4112
  Monft64.sys                                           : 5.10.0.4115
```

```
  OAO17Afx.sys                                          : 1.0.7.3
  ALSndMgr.cpl                                          : 1.0.0.11
  RTSndMgr.cpl                                          : 1.0.1.7
  RCoInst64XP.dll                                       : 1.1.5.1
  RTCOMDLL.dll                                          : 1.0.0.112
  RtkCoInstXP.dll                                       : 1.1.5.1
  RtlCPAPI.dll                                          : 1.0.2.3

Vista/Win7 driver : ------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                           : 6.0.1.6410
  AERTSrv.exe                                           : 1.0.32.10
  DTSAudioService.exe                                   : 1.0.0.0
  FMAPP.exe                                             : 1.32.0.1
  RtHDVBg.exe                                           : 1.0.0.70
  RtHDVCpl.exe                                          : 1.0.0.710
  RtkAudioService.exe                                   : 1.0.0.29
  RtkNGUI.exe                                           : 1.0.0.122
  RtlUpd.exe                                            : 2.8.0.3
  SkyTel.exe                                            : 2.0.2.2
  vncutil.exe                                           : 1.0.0.44
  mbfilt32.sys                                          : 6.10.0.8
  RTSndMgr.cpl                                          : 1.0.0.25
  AERTACap.dll                                          : 2.0.32.13
  AERTARen.dll                                          : 1.0.32.9
  BlackSkinImages.dll                                   : 1.0.0.122
  DarkSkinImages.dll                                    : 1.0.0.122
  DTSBassEnhancementDLL.dll                             : 1.0.0.1
  DTSBoostDLL.dll                                       : 1.0.0.1
  DTSGainCompensatorDLL.dll                             : 1.0.0.1
  DTSGFXAPO.dll                                         : 1.0.0.3
  DTSGFXAPONS.dll                                       : 1.0.0.3
  DTSLFXAPO.dll                                         : 1.0.0.3
  DTSLimiterDLL.dll                                     : 1.0.0.1
  DTSNeoPCDLL.dll                                       : 1.0.0.1
  DTSS2HeadphoneDLL.dll                                 : 1.0.0.1
  DTSS2SpeakerDLL.dll                                   : 1.0.0.1
  DTSSymmetryDLL.dll                                    : 1.0.0.1
  DTSVoiceClarityDLL.dll                                : 1.0.0.1
  FMAPO.dll                                             : 43.5.16.65
  GrayJadeSkinImages.dll                                : 1.0.0.122
  KAAPORT.dll                                           : 4.1104.6000.51
  LightSkinImages.dll                                   : 1.0.0.122
  MaxxAudioAPO.dll                                      : 1.2.2.0
  MaxxAudioAPO20.dll                                    : 2.2.9.0
  MaxxAudioAPO30.dll                                    : 3.2.1.1
  MaxxAudioEQ.dll                                       : 5.9.7.0
  MaxxAudioRealtek.dll                                  : 1.3.0.0
  MaxxAudioRealtek2.dll                                 : 1.0.7.0
  MaxxVolumeSDAPO.dll                                   : 3.1.0.0
  MBAPO32.dll                                           : 1.0.43.0
  MBPPCn32.dll                                          : 1.0.0.110
  MBppld32.dll                                          : 1.0.43.0
  MBTHX32.dll                                           : 1.0.15.142
```

MBWrp32.dll : 1.0.0.180
PremiumBlackSkinImages.dll : 1.0.0.122
R4EEA32A.dll : 7.2.7000.6
R4EED32A.dll : 7.2.7000.6
R4EEG32A.dll : 7.2.7000.6
R4EEL32A.dll : 7.2.7000.6
R4EEP32A.dll : 7.2.7000.6
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.145
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.222
RtkApoApi.dll : 1.0.0.39
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.5.1
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.212
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.14
SFCOM.dll : 3.0.0.14
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.14
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.2.2.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tadefxapo2.dll : 1.1.0.31
tosade.dll : 1.0.1.12
WavesGUILib.dll : 1.1.0.0
WavesLib.dll : 5.9.7.0
RCORES.dat : 1.1.1.0

Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6410

AERTSr64.exe : 1.0.64.10
DTSAudioService64.exe : 1.0.0.0
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.70
RAVCpl64.exe : 1.0.0.710
RtkAudioService64.exe : 1.0.0.29
RtkNGUI64.exe : 1.0.0.122
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.44
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.25
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.122
DarkSkinImages64.dll : 1.0.0.122
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.16.65
GrayJadeSkinImages64.dll : 1.0.0.122
KAAPORT64.dll : 4.1104.6000.51
LightSkinImages64.dll : 1.0.0.122
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.3.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.43.0
MBAPO64.dll : 1.0.43.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.142
MBTHX64.dll : 1.0.15.142
MBWrp64.dll : 1.0.0.180
PremiumBlackSkinImages64.dll : 1.0.0.122
R4EEA64A.dll : 7.2.7000.6
R4EED64A.dll : 7.2.7000.6
R4EEG64A.dll : 7.2.7000.6
R4EEL64A.dll : 7.2.7000.6
R4EEP64A.dll : 7.2.7000.6
RCoInst64.dll : 1.1.5.1
RP3DAA64.dll : 6.0.6001.18

```
  RP3DHT64.dll                                          : 6.0.6001.18
  RtCOM64.dll                                           : 2.0.0.145
  RTCOMDLL.dll                                          : 2.0.0.145
  RTEED64A.dll                                          : 6.1.6001.33
  RTEEG64A.dll                                          : 6.1.6001.33
  RTEEL64A.dll                                          : 6.1.6001.33
  RTEEP64A.dll                                          : 6.1.6001.33
  RtkApi64.dll                                          : 1.0.0.39
  RtkAPO64.dll                                          : 11.0.6000.222
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.2
  RtkGuiCompLib.dll                                     : 1.0.0.2
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.212
  SFAPO64.dll                                           : 3.0.0.14
  SFCOM.dll                                             : 3.0.0.11
  SFCOM64.dll                                           : 3.0.0.14
  SFComm64.dll                                          : 2.0.0.13
  SFDAPO64.dll                                          : 2.0.0.13
  SFHAPO64.dll                                          : 2.0.0.13
  SFNHK64.dll                                           : 3.0.0.14
  SFProc64.dll                                          : 2.0.0.13
  SFSAPO64.dll                                          : 2.0.0.13
  SFSS_APO.dll                                          : 1.0.0.11110
  slcc3d64.dll                                          : 1.0.0.100
  slcshp64.dll                                          : 1.0.3.0
  slcsii64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slhlim64.dll                                          : 2.1.0.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.2.1.0
  sltshd64.dll                                          : 1.2.0.0
  sluapo64.dll                                          : 2.2.2.0
  slvipp64.dll                                          : 1.0.1.0
  slviq64.dll                                           : 2.1.0.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  tadefxapo.dll                                         : 1.0.1.12
  tadefxapo264.dll                                      : 1.1.0.31
  tosade.dll                                            : 1.0.1.12
  WavesGUILib.dll                                       : 1.1.0.0
  RCORES64.dat                                          : 1.1.1.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.6358
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.3
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.1.1.2
```

```
  RHDMIExt.dll                                        : 6.0.6000.172
  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.183

  Vista/Win7 x64:
  RtHDMIVX.sys                                        : 6.0.1.6358
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.3
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.1.1.2
  RHDMEx64.dll                                        : 6.0.6000.172
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.183

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.6358
  Rtaupd.exe                                          : 2.8.0.3
  RHCoInstXP.dll                                      : 1.1.1.2

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.6358
  Rtaupd64.exe                                        : 2.8.0.3
  RHCoInst64XP.dll                                    : 1.1.1.2

  Driver Setup Program                                : 3.30

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.62
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC660,
            ALC662, ALC663, ALC665, ALC670, ALC672, ALC676, ALC680, ALC221,
ALC231, ALC260, ALC262,
            ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC,
            ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC672, ALC676,
ALC680 ALC221, ALC231,
            ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275, ALC276
```

3. HDMI Device WHQL Support: ATI HDMI Devices
4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000 SP4, XP SP1, XP SP2, Server 2003 SP1.
6. Add/Fix
1.) Driver :
1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.6392
RtkHDAud.sys	: 5.10.0.6392
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.3.9.5
RtkAudioService.exe	: 1.0.0.19
RtkAudioService64.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd.exe	: 2.8.0.3
RtlUpd64.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil.exe	: 1.0.0.38
vncutil64.exe	: 1.0.0.38
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.6
RCoInst64XP.dll	: 1.1.3.8
RTCOMDLL.dll	: 1.0.0.112
RtkCoInstXP.dll	: 1.1.3.8
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86	
RTKVHDA.sys	: 6.0.1.6392
AERTSrv.exe	: 1.0.32.10
DTSAudioService.exe	: 1.0.0.0
FMAPP.exe	: 1.32.0.1
RtHDVBg.exe	: 1.0.0.70
RtHDVCpl.exe	: 1.0.0.700
RtkAudioService.exe	: 1.0.0.29
RtkNGUI.exe	: 1.0.0.116
RtlUpd.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.44
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.24
AERTACap.dll	: 2.0.32.13
AERTARen.dll	: 1.0.32.9

BlackSkinImages.dll : 1.0.0.116
DarkSkinImages.dll : 1.0.0.116
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 43.5.16.65
GrayJadeSkinImages.dll : 1.0.0.116
KAAPORT.dll : 4.1104.6000.51
LightSkinImages.dll : 1.0.0.116
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.43.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.141
MBWrp32.dll : 1.0.0.180
PremiumBlackSkinImages.dll : 1.0.0.116
R4EEA32A.dll : 7.2.7000.6
R4EED32A.dll : 7.2.7000.6
R4EEG32A.dll : 7.2.7000.6
R4EEL32A.dll : 7.2.7000.6
R4EEP32A.dll : 7.2.7000.6
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.145
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.216
RtkApoApi.dll : 1.0.0.38
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.4.5
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.204
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.14
SFCOM.dll : 3.0.0.14
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13

SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.14
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.2.2.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tosade.dll : 1.0.1.12
WavesGUILib.dll : 1.2.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6392
AERTSr64.exe : 1.0.64.10
DTSAudioService64.exe : 1.0.0.0
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.70
RAVCpl64.exe : 1.0.0.700
RtkAudioService64.exe : 1.0.0.29
RtkNGUI64.exe : 1.0.0.116
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.44
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.24
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.116
DarkSkinImages64.dll : 1.0.0.116
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1

DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.16.65
GrayJadeSkinImages64.dll : 1.0.0.116
KAAPORT64.dll : 4.1104.6000.51
LightSkinImages64.dll : 1.0.0.116
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.43.0
MBAPO64.dll : 1.0.43.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.141
MBTHX64.dll : 1.0.15.141
MBWrp64.dll : 1.0.0.180
PremiumBlackSkinImages64.dll : 1.0.0.116
R4EEA64A.dll : 7.2.7000.6
R4EED64A.dll : 7.2.7000.6
R4EEG64A.dll : 7.2.7000.6
R4EEL64A.dll : 7.2.7000.6
R4EEP64A.dll : 7.2.7000.6
RCoInst64.dll : 1.1.4.5
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.145
RTCOMDLL.dll : 2.0.0.145
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.38
RtkAPO64.dll : 11.0.6000.216
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkGuiCompLib.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.204
SFAPO64.dll : 3.0.0.14
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.14
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.14
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.0.0.11110
slcc3d64.dll : 1.0.0.100
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0

```
  slgeq64.dll                                          : 1.0.1.0
  slh36064.dll                                         : 1.0.2.0
  slhlim64.dll                                         : 2.1.0.0
  slInit64.dll                                         : 1.1.3.0
  slmaxv64.dll                                         : 1.2.1.0
  sltshd64.dll                                         : 1.2.0.0
  sluapo64.dll                                         : 2.2.2.0
  slvipp64.dll                                         : 1.0.1.0
  slviq64.dll                                          : 2.1.0.0
  SRSHP64.dll                                          : 1.1.0.0
  SRSTSH64.dll                                         : 1.1.4.0
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.3.0
  tadefxapo.dll                                        : 1.0.1.12
  tosade.dll                                           : 1.0.1.12
  WavesGUILib.dll                                      : 1.2.0.0
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                          : 6.0.1.6358
  RtkAudioSrvATI.exe                                   : 1.0.0.23
  RtkUpd.exe                                           : 2.8.0.3
  RH3DAA32.dll                                         : 6.0.6001.18
  RH3DHT32.dll                                         : 6.0.6001.18
  RHCoInst.dll                                         : 1.1.1.2
  RHDMIExt.dll                                         : 6.0.6000.172
  RTEED32H.dll                                         : 6.1.6001.33
  RTEEG32H.dll                                         : 6.1.6001.33
  RTEEL32H.dll                                         : 6.1.6001.33
  RTEEP32H.dll                                         : 6.1.6001.33
  RtkHDMI.dll                                          : 11.0.6000.183

  Vista/Win7 x64:
  RtHDMIVX.sys                                         : 6.0.1.6358
  RtkAudioSrvATI64.exe                                 : 1.0.0.23
  RtkUpd64.exe                                         : 2.8.0.3
  RH3DAA64.dll                                         : 6.0.6001.18
  RH3DHT64.dll                                         : 6.0.6001.18
  RHCoInst64.dll                                       : 1.1.1.2
  RHDMEx64.dll                                         : 6.0.6000.172
  RTEED64H.dll                                         : 6.1.6001.33
  RTEEG64H.dll                                         : 6.1.6001.33
  RTEEL64H.dll                                         : 6.1.6001.33
  RTEEP64H.dll                                         : 6.1.6001.33
  RtkHDM64.dll                                         : 11.0.6000.183

  XP/2K x86:
  RtkHDMI.sys                                          : 5.10.0.6358
  Rtaupd.exe                                           : 2.8.0.3
  RHCoInstXP.dll                                       : 1.1.1.2

  XP/2K x64:
  RtkHDMIX.sys                                         : 5.10.0.6358
  Rtaupd64.exe                                         : 2.8.0.3
  RHCoInst64XP.dll                                     : 1.1.1.2
```

```
  Driver Setup Program                                  : 3.25

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.61
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC660,
            ALC662, ALC663, ALC665, ALC670, ALC672, ALC676, ALC680, ALC221,
ALC231, ALC260, ALC262,
            ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC,
            ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC672, ALC676,
ALC680 ALC221, ALC231,
            ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275, ALC276
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.6383
  RtkHDAud.sys                                          : 5.10.0.6383
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.4
  RTHDCPL.exe                                           : 2.3.9.5
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.3
  RtlUpd.exe                                            : 2.8.0.3
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.38
  vncutil.exe                                           : 1.0.0.38
  AMBFilt.sys                                           : 5.10.0.4240
  AMBFt64.sys                                           : 5.10.0.4240
  Monfilt.sys                                           : 5.10.0.4112
  Monft64.sys                                           : 5.10.0.4115
```

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  OAO17Afx.sys                                        : 1.0.7.3
  ALSndMgr.cpl                                        : 1.0.0.11
  RTSndMgr.cpl                                        : 1.0.1.6
  RCoInst64XP.dll                                     : 1.1.3.8
  RTCOMDLL.dll                                        : 1.0.0.112
  RtkCoInstXP.dll                                     : 1.1.3.8
  RtlCPAPI.dll                                        : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                         : 6.0.1.6383
  AERTSrv.exe                                         : 1.0.32.10
  DTSAudioService.exe                                 : 1.0.0.0
  FMAPP.exe                                           : 1.32.0.1
  RtHDVBg.exe                                         : 1.0.0.69
  RtHDVCpl.exe                                        : 1.0.0.667
  RtkAudioService.exe                                 : 1.0.0.29
  RtkNGUI.exe                                         : 1.0.0.113
  RtlUpd.exe                                          : 2.8.0.3
  SkyTel.exe                                          : 2.0.2.2
  vncutil.exe                                         : 1.0.0.44
  mbfilt32.sys                                        : 6.10.0.8
  RTSndMgr.cpl                                        : 1.0.0.22
  AERTACap.dll                                        : 2.0.32.13
  AERTARen.dll                                        : 1.0.32.9
  BlackSkinImages.dll                                 : 1.0.0.113
  DarkSkinImages.dll                                  : 1.0.0.113
  DTSBassEnhancementDLL.dll                           : 1.0.0.1
  DTSBoostDLL.dll                                     : 1.0.0.1
  DTSGainCompensatorDLL.dll                           : 1.0.0.1
  DTSGFXAPO.dll                                       : 1.0.0.3
  DTSGFXAPONS.dll                                     : 1.0.0.3
  DTSLFXAPO.dll                                       : 1.0.0.3
  DTSLimiterDLL.dll                                   : 1.0.0.1
  DTSNeoPCDLL.dll                                     : 1.0.0.1
  DTSS2HeadphoneDLL.dll                               : 1.0.0.1
  DTSS2SpeakerDLL.dll                                 : 1.0.0.1
  DTSSymmetryDLL.dll                                  : 1.0.0.1
  DTSVoiceClarityDLL.dll                              : 1.0.0.1
  FMAPO.dll                                           : 43.5.16.65
  GrayJadeSkinImages.dll                              : 1.0.0.113
  KAAPORT.dll                                         : 4.1102.6000.49
  LightSkinImages.dll                                 : 1.0.0.113
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.2.9.0
  MaxxAudioAPO30.dll                                  : 3.2.1.1
  MaxxAudioEQ.dll                                     : 5.9.7.0
  MaxxAudioRealtek.dll                                : 1.2.0.0
  MaxxAudioRealtek2.dll                               : 1.0.7.0
  MaxxVolumeSDAPO.dll                                 : 3.1.0.0
  MBAPO32.dll                                         : 1.0.43.0
  MBPPCn32.dll                                        : 1.0.0.110
  MBppld32.dll                                        : 1.0.43.0
  MBTHX32.dll                                         : 1.0.15.138
  MBWrp32.dll                                         : 1.0.0.180
```

PremiumBlackSkinImages.dll : 1.0.0.113
R4EEA32A.dll : 7.2.7000.6
R4EED32A.dll : 7.2.7000.6
R4EEG32A.dll : 7.2.7000.6
R4EEL32A.dll : 7.2.7000.6
R4EEP32A.dll : 7.2.7000.6
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.145
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.216
RtkApoApi.dll : 1.0.0.36
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.4.4
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.203
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.14
SFCOM.dll : 3.0.0.14
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.14
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.2.2.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tosade.dll : 1.0.1.12
WavesGUILib.dll : 1.2.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6383
AERTSr64.exe : 1.0.64.10
DTSAudioService64.exe : 1.0.0.0
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.69

RAVCpl64.exe : 1.0.0.667
RtkAudioService64.exe : 1.0.0.29
RtkNGUI64.exe : 1.0.0.113
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.44
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.22
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.113
DarkSkinImages64.dll : 1.0.0.113
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.16.65
GrayJadeSkinImages64.dll : 1.0.0.113
KAAPORT64.dll : 4.1102.6000.49
LightSkinImages64.dll : 1.0.0.113
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.43.0
MBAPO64.dll : 1.0.43.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.138
MBTHX64.dll : 1.0.15.138
MBWrp64.dll : 1.0.0.180
PremiumBlackSkinImages64.dll : 1.0.0.113
R4EEA64A.dll : 7.2.7000.6
R4EED64A.dll : 7.2.7000.6
R4EEG64A.dll : 7.2.7000.6
R4EEL64A.dll : 7.2.7000.6
R4EEP64A.dll : 7.2.7000.6
RCoInst64.dll : 1.1.4.4
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.145
RTCOMDLL.dll : 2.0.0.145
RTEED64A.dll : 6.1.6001.33

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  RTEEG64A.dll                                          : 6.1.6001.33
  RTEEL64A.dll                                          : 6.1.6001.33
  RTEEP64A.dll                                          : 6.1.6001.33
  RtkApi64.dll                                          : 1.0.0.36
  RtkAPO64.dll                                          : 11.0.6000.216
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.2
  RtkGuiCompLib.dll                                     : 1.0.0.2
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.203
  SFAPO64.dll                                           : 3.0.0.14
  SFCOM.dll                                             : 3.0.0.11
  SFCOM64.dll                                           : 3.0.0.14
  SFComm64.dll                                          : 2.0.0.13
  SFDAPO64.dll                                          : 2.0.0.13
  SFHAPO64.dll                                          : 2.0.0.13
  SFNHK64.dll                                           : 3.0.0.14
  SFProc64.dll                                          : 2.0.0.13
  SFSAPO64.dll                                          : 2.0.0.13
  SFSS_APO.dll                                          : 1.0.0.11110
  slcc3d64.dll                                          : 1.0.0.100
  slcshp64.dll                                          : 1.0.3.0
  slcsii64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slhlim64.dll                                          : 2.1.0.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.2.1.0
  sltshd64.dll                                          : 1.2.0.0
  sluapo64.dll                                          : 2.2.2.0
  slvipp64.dll                                          : 1.0.1.0
  slviq64.dll                                           : 2.1.0.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  tadefxapo.dll                                         : 1.0.1.12
  tosade.dll                                            : 1.0.1.12
  WavesGUILib.dll                                       : 1.2.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.6358
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.3
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.1.1.2
  RHDMIExt.dll                                          : 6.0.6000.172
  RTEED32H.dll                                          : 6.1.6001.33
  RTEEG32H.dll                                          : 6.1.6001.33
  RTEEL32H.dll                                          : 6.1.6001.33
  RTEEP32H.dll                                          : 6.1.6001.33
  RtkHDMI.dll                                           : 11.0.6000.183
```

```
  Vista/Win7 x64:
  RtHDMIVX.sys                                    : 6.0.1.6358
  RtkAudioSrvATI64.exe                            : 1.0.0.23
  RtkUpd64.exe                                    : 2.8.0.3
  RH3DAA64.dll                                    : 6.0.6001.18
  RH3DHT64.dll                                    : 6.0.6001.18
  RHCoInst64.dll                                  : 1.1.1.2
  RHDMEx64.dll                                    : 6.0.6000.172
  RTEED64H.dll                                    : 6.1.6001.33
  RTEEG64H.dll                                    : 6.1.6001.33
  RTEEL64H.dll                                    : 6.1.6001.33
  RTEEP64H.dll                                    : 6.1.6001.33
  RtkHDM64.dll                                    : 11.0.6000.183

  XP/2K x86:
  RtkHDMI.sys                                     : 5.10.0.6358
  Rtaupd.exe                                      : 2.8.0.3
  RHCoInstXP.dll                                  : 1.1.1.2

  XP/2K x64:
  RtkHDMIX.sys                                    : 5.10.0.6358
  Rtaupd64.exe                                    : 2.8.0.3
  RHCoInst64XP.dll                                : 1.1.1.2

  Driver Setup Program                            : 3.25

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.60
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting:
            ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892,
ALC899, ALC861VD, ALC660,
            ALC662, ALC663, ALC665, ALC670, ALC672, ALC676, ALC680, ALC221,
ALC231, ALC260, ALC262,
            ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275, ALC276
    2. Windows 2000/XP WHQL Supporting:
            ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889,
ALC892, ALC899, ALC861VC,
            ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC672, ALC676,
ALC680 ALC221, ALC231,
            ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275, ALC276
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
```

1.) Driver :
1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.6363
RtkHDAud.sys	: 5.10.0.6363
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.3.9.4
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.8.0.3
RtlUpd.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.38
vncutil.exe	: 1.0.0.38
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
RTSndMgr.cpl	: 1.0.1.6
ALSndMgr.cpl	: 1.0.0.11
RCoInst64XP.dll	: 1.1.2.4
RTCOMDLL.dll	: 1.0.0.112
RtkCoInstXP.dll	: 1.1.2.4
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86	
RTKVHDA.sys	: 6.0.1.6363
AERTSrv.exe	: 1.0.32.10
FMAPP.exe	: 1.32.0.1
RtHDVBg.exe	: 1.0.0.65
RtHDVCpl.exe	: 1.0.0.660
RtkAudioService.exe	: 1.0.0.28
RtkNGUI.exe	: 1.0.0.107
RtlUpd.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.44
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.19
AERTACap.dll	: 2.0.32.13
AERTARen.dll	: 1.0.32.9
BlackSkinImages.dll	: 1.0.0.107
DarkSkinImages.dll	: 1.0.0.107
DTSBassEnhancementDLL.dll	: 1.0.0.1
DTSBoostDLL.dll	: 1.0.0.1
DTSGainCompensatorDLL.dll	: 1.0.0.1
DTSGFXAPO.dll	: 1.0.0.3
DTSGFXAPONS.dll	: 1.0.0.3

DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 43.5.14.65
GrayJadeSkinImages.dll : 1.0.0.107
LightSkinImages.dll : 1.0.0.107
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.43.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.136
MBWrp32.dll : 1.0.0.180
R4EEA32A.dll : 7.2.7000.5
R4EED32A.dll : 7.2.7000.5
R4EEG32A.dll : 7.2.7000.5
R4EEL32A.dll : 7.2.7000.5
R4EEP32A.dll : 7.2.7000.5
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.144
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.210
RtkApoApi.dll : 1.0.0.36
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.3.2
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.200
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.11
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0

slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.2.2.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tosade.dll : 1.0.1.12
WavesGUILib.dll : 1.2.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6363
AERTSr64.exe : 1.0.64.10
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.65
RAVCpl64.exe : 1.0.0.660
RtkAudioService64.exe : 1.0.0.28
RtkNGUI64.exe : 1.0.0.107
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.44
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.19
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.107
DarkSkinImages64.dll : 1.0.0.107
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.14.65
GrayJadeSkinImages64.dll : 1.0.0.107
LightSkinImages64.dll : 1.0.0.107
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0

MBAPO32.dll : 1.0.43.0
MBAPO64.dll : 1.0.43.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.136
MBTHX64.dll : 1.0.15.136
MBWrp64.dll : 1.0.0.180
R4EEA64A.dll : 7.2.7000.5
R4EED64A.dll : 7.2.7000.5
R4EEG64A.dll : 7.2.7000.5
R4EEL64A.dll : 7.2.7000.5
R4EEP64A.dll : 7.2.7000.5
RCoInst64.dll : 1.1.3.2
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.144
RTCOMDLL.dll : 2.0.0.144
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.36
RtkAPO64.dll : 11.0.6000.210
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkGuiCompLib.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.200
SFAPO64.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.11
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.11
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.0.0.11110
slcc3d64.dll : 1.0.0.100
slcshp64.dll : 1.0.3.0
slcsii64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slhlim64.dll : 2.1.0.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.2.1.0
sltshd64.dll : 1.2.0.0
sluapo64.dll : 2.2.2.0
slvipp64.dll : 1.0.1.0
slviq64.dll : 2.1.0.0
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0

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  SRSWOW64.dll                                        : 1.1.3.0
  tadefxapo.dll                                       : 1.0.1.12
  tosade.dll                                          : 1.0.1.12
  WavesGUILib.dll                                     : 1.2.0.0
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                         : 6.0.1.6251
  RtkAudioSrvATI.exe                                  : 1.0.0.23
  RtkUpd.exe                                          : 2.8.0.3
  RH3DAA32.dll                                        : 6.0.6001.18
  RH3DHT32.dll                                        : 6.0.6001.18
  RHCoInst.dll                                        : 1.1.1.2
  RHDMIExt.dll                                        : 6.0.6000.172
  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.183

  Vista/Win7 x64:
  RtHDMIVX.sys                                        : 6.0.1.6251
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.3
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.1.1.2
  RHDMEx64.dll                                        : 6.0.6000.172
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.183

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.6251
  Rtaupd.exe                                          : 2.8.0.3
  RHCoInstXP.dll                                      : 1.1.1.2

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.6251
  Rtaupd64.exe                                        : 2.8.0.3
  RHCoInst64XP.dll                                    : 1.1.1.2

  Driver Setup Program                                : 3.21

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.59
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC887,
```

ALC888, ALC889, ALC892, ALC899, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC672, ALC680, ALC221, ALC231, ALC260, ALC262,ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC275

2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886, ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC670, ALC672, ALC680 ALC221, ALC231, ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC275

3. HDMI Device WHQL Support: ATI HDMI Devices

4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64

5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000 SP4, XP SP1, XP SP2, Server 2003 SP1.

6. Add/Fix

1.) Driver :

1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.6343
RTKHDAUD.sys	: 5.10.0.6343
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.3.9.2
RtkAudioService.exe	: 1.0.0.19
RtkAudioService64.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd.exe	: 2.8.0.3
RtlUpd64.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil.exe	: 1.0.0.38
vncutil64.exe	: 1.0.0.38
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.6
RCoInst64XP.dll	: 1.1.2.2
RTCOMDLL.dll	: 1.0.0.112
RtkCoInstXP.dll	: 1.1.2.2
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86	
RTKVHDA.sys	: 6.0.1.6343
AERTSrv.exe	: 1.0.32.10
FMAPP.exe	: 1.32.0.1
RtHDVBg.exe	: 1.0.0.63
RtHDVCpl.exe	: 1.0.0.653
RtkAudioService.exe	: 1.0.0.28
RtkNGUI.exe	: 1.0.0.102
RtlUpd.exe	: 2.8.0.3

SkyTel.exe : 2.0.2.2
vncutil.exe : 1.0.0.43
mbfilt32.sys : 6.10.0.8
RTSndMgr.cpl : 1.0.0.19
AERTACap.dll : 2.0.32.13
AERTARen.dll : 1.0.32.9
BlackSkinImages.dll : 1.0.0.102
DarkSkinImages.dll : 1.0.0.102
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 43.5.14.65
GrayJadeSkinImages.dll : 1.0.0.102
LightSkinImages.dll : 1.0.0.102
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.43.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.132
MBWrp32.dll : 1.0.0.180
R4EEA32A.dll : 7.2.7000.5
R4EED32A.dll : 7.2.7000.5
R4EEG32A.dll : 7.2.7000.5
R4EEL32A.dll : 7.2.7000.5
R4EEP32A.dll : 7.2.7000.5
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.144
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.209
RtkApoApi.dll : 1.0.0.36
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.2.2
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.198
RtlCPAPI.dll : 1.0.2.4

SFAPO.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.11
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.2.2.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
tadefxapo.dll : 1.0.1.12
tosade.dll : 1.0.1.12
WavesGUILib.dll : 1.2.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6343
AERTSr64.exe : 1.0.64.10
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.63
RAVCpl64.exe : 1.0.0.653
RtkAudioService64.exe : 1.0.0.28
RtkNGUI64.exe : 1.0.0.102
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.43
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.19
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.102
DarkSkinImages64.dll : 1.0.0.102
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1

DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.14.65
GrayJadeSkinImages64.dll : 1.0.0.102
LightSkinImages64.dll : 1.0.0.102
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.43.0
MBAPO64.dll : 1.0.43.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.132
MBTHX64.dll : 1.0.15.132
MBWrp64.dll : 1.0.0.180
R4EEA64A.dll : 7.2.7000.5
R4EED64A.dll : 7.2.7000.5
R4EEG64A.dll : 7.2.7000.5
R4EEL64A.dll : 7.2.7000.5
R4EEP64A.dll : 7.2.7000.5
RCoInst64.dll : 1.1.2.2
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.144
RTCOMDLL.dll : 2.0.0.144
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.36
RtkAPO64.dll : 11.0.6000.209
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkGuiCompLib.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.198
SFAPO64.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.11
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.11
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
SFSS_APO.dll : 1.0.0.11110
slcc3d64.dll : 1.0.0.100
slcshp64.dll : 1.0.3.0

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  slcsii64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slhlim64.dll                                          : 2.1.0.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.2.1.0
  sltshd64.dll                                          : 1.2.0.0
  sluapo64.dll                                          : 2.2.2.0
  slvipp64.dll                                          : 1.0.1.0
  slviq64.dll                                           : 2.1.0.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  tadefxapo.dll                                         : 1.0.1.12
  tosade.dll                                            : 1.0.1.12
  WavesGUILib.dll                                       : 1.2.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.6251
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.3
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.1.1.2
  RHDMIExt.dll                                          : 6.0.6000.172
  RTEED32H.dll                                          : 6.1.6001.33
  RTEEG32H.dll                                          : 6.1.6001.33
  RTEEL32H.dll                                          : 6.1.6001.33
  RTEEP32H.dll                                          : 6.1.6001.33
  RtkHDMI.dll                                           : 11.0.6000.183

  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.6251
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.3
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.1.1.2
  RHDMEx64.dll                                          : 6.0.6000.172
  RTEED64H.dll                                          : 6.1.6001.33
  RTEEG64H.dll                                          : 6.1.6001.33
  RTEEL64H.dll                                          : 6.1.6001.33
  RTEEP64H.dll                                          : 6.1.6001.33
  RtkHDM64.dll                                          : 11.0.6000.183

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.6251
  Rtaupd.exe                                            : 2.8.0.3
  RHCoInstXP.dll                                        : 1.1.1.2

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.6251
  Rtaupd64.exe                                          : 2.8.0.3
```

```
  RHCoInst64XP.dll                                    : 1.1.1.2

  Driver Setup Program                                : 3.20

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.58
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC887,
ALC888, ALC889, ALC892, ALC899, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC670, ALC680 ALC260, ALC262,ALC267, ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VC, ALC861VD, ALC660, ALC662,
ALC663, ALC665, ALC670, ALC680 ALC260, ALC262, ALC267,ALC268, ALC269, ALC270,
ALC272, ALC273, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013) For Windows 2000
SP4, XP SP1, XP SP2, Server 2003 SP1.
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.6316
  RtkHDAud.sys                                        : 5.10.0.6316
  AlcWzrd.exe                                         : 1.1.0.37
  MicCal.exe                                          : 1.1.2.4
  RTHDCPL.exe                                         : 2.3.8.7
  RtkAudioService64.exe                               : 1.0.0.19
  RtkAudioService.exe                                 : 1.0.0.19
  RTLCPL.exe                                          : 1.0.1.66
  RtlUpd64.exe                                        : 2.8.0.3
  RtlUpd.exe                                          : 2.8.0.3
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  vncutil64.exe                                       : 1.0.0.38
  vncutil.exe                                         : 1.0.0.38
  Alcmtr.exe                                          : 1.6.0.4
  AMBFilt.sys                                         : 5.10.0.4240
  AMBFt64.sys                                         : 5.10.0.4240
  Monfilt.sys                                         : 5.10.0.4112
  Monft64.sys                                         : 5.10.0.4115
  OAO17Afx.sys                                        : 1.0.7.3
  ALSndMgr.cpl                                        : 1.0.0.11
  RTSndMgr.cpl                                        : 1.0.1.6
  RCoInst64XP.dll                                     : 1.1.1.2
```

```
  RTCOMDLL.dll                                          : 1.0.0.112
  RtkCoInstXP.dll                                       : 1.1.1.2
  RtlCPAPI.dll                                          : 1.0.2.3
Vista/Win7 driver : ----------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                           : 6.0.1.6316
  AERTSrv.exe                                           : 1.0.32.10
  FMAPP.exe                                             : 1.32.0.1
  RtHDVBg.exe                                           : 1.0.0.58
  RtHDVCpl.exe                                          : 1.0.0.647
  RtkAudioService.exe                                   : 1.0.0.27
  RtkNGUI.exe                                           : 1.0.0.99
  RtlUpd.exe                                            : 2.8.0.3
  SkyTel.exe                                            : 2.0.2.2
  vncutil.exe                                           : 1.0.0.41
  mbfilt32.sys                                          : 6.10.0.8
  RTSndMgr.cpl                                          : 1.0.0.19
  AERTACap.dll                                          : 2.0.32.13
  AERTARen.dll                                          : 1.0.32.9
  BlackSkinImages.dll                                   : 1.0.0.99
  DarkSkinImages.dll                                    : 1.0.0.99
  DTSBassEnhancementDLL.dll                             : 1.0.0.1
  DTSBoostDLL.dll                                       : 1.0.0.1
  DTSGainCompensatorDLL.dll                             : 1.0.0.1
  DTSGFXAPO.dll                                         : 1.0.0.3
  DTSGFXAPONS.dll                                       : 1.0.0.3
  DTSLFXAPO.dll                                         : 1.0.0.3
  DTSLimiterDLL.dll                                     : 1.0.0.1
  DTSNeoPCDLL.dll                                       : 1.0.0.1
  DTSS2HeadphoneDLL.dll                                 : 1.0.0.1
  DTSS2SpeakerDLL.dll                                   : 1.0.0.1
  DTSSymmetryDLL.dll                                    : 1.0.0.1
  DTSVoiceClarityDLL.dll                                : 1.0.0.1
  FMAPO.dll                                             : 43.5.14.65
  GrayJadeSkinImages.dll                                : 1.0.0.99
  LightSkinImages.dll                                   : 1.0.0.99
  MaxxAudioAPO.dll                                      : 1.2.2.0
  MaxxAudioAPO20.dll                                    : 2.2.9.0
  MaxxAudioAPO30.dll                                    : 3.2.1.1
  MaxxAudioEQ.dll                                       : 5.9.7.0
  MaxxAudioRealtek.dll                                  : 1.2.0.0
  MaxxAudioRealtek2.dll                                 : 1.0.7.0
  MaxxVolumeSDAPO.dll                                   : 3.1.0.0
  MBAPO32.dll                                           : 1.0.43.0
  MBPPCn32.dll                                          : 1.0.0.110
  MBppld32.dll                                          : 1.0.43.0
  MBTHX32.dll                                           : 1.0.15.130
  MBWrp32.dll                                           : 1.0.0.180
  R4EEA32A.dll                                          : 7.1.7000.5
  R4EED32A.dll                                          : 7.1.7000.5
  R4EEG32A.dll                                          : 7.1.7000.5
  R4EEL32A.dll                                          : 7.1.7000.5
  R4EEP32A.dll                                          : 7.1.7000.5
  RP3DAA32.dll                                          : 6.0.6001.18
```

RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.143
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.201
RtkApoApi.dll : 1.0.0.34
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.1.6
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.192
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.11
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.2.2.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesGUILib.dll : 1.2.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6316
AERTSr64.exe : 1.0.64.10
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.58
RAVCpl64.exe : 1.0.0.647
RtkAudioService64.exe : 1.0.0.27
RtkNGUI64.exe : 1.0.0.99
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.41
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.19
AERTAC64.dll : 2.0.64.13

AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.99
DarkSkinImages64.dll : 1.0.0.99
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.14.65
GrayJadeSkinImages64.dll : 1.0.0.99
LightSkinImages64.dll : 1.0.0.99
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.43.0
MBAPO64.dll : 1.0.43.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.130
MBTHX64.dll : 1.0.15.130
MBWrp64.dll : 1.0.0.180
R4EEA64A.dll : 7.1.7000.5
R4EED64A.dll : 7.1.7000.5
R4EEG64A.dll : 7.1.7000.5
R4EEL64A.dll : 7.1.7000.5
R4EEP64A.dll : 7.1.7000.5
RCoInst64.dll : 1.1.1.6
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.143
RTCOMDLL.dll : 2.0.0.143
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.34
RtkAPO64.dll : 11.0.6000.201
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkGuiCompLib.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.192
SFAPO64.dll : 3.0.0.11

```
  SFCOM.dll                                          : 3.0.0.11
  SFCOM64.dll                                        : 3.0.0.11
  SFComm64.dll                                       : 2.0.0.13
  SFDAPO64.dll                                       : 2.0.0.13
  SFHAPO64.dll                                       : 2.0.0.13
  SFNHK64.dll                                        : 3.0.0.11
  SFProc64.dll                                       : 2.0.0.13
  SFSAPO64.dll                                       : 2.0.0.13
  SFSS_APO.dll                                       : 1.0.0.11110
  slcc3d64.dll                                       : 1.0.0.100
  slcshp64.dll                                       : 1.0.3.0
  slcsii64.dll                                       : 1.0.3.0
  slgeq64.dll                                        : 1.0.1.0
  slh36064.dll                                       : 1.0.2.0
  slhlim64.dll                                       : 2.1.0.0
  slInit64.dll                                       : 1.1.3.0
  slmaxv64.dll                                       : 1.2.1.0
  sltshd64.dll                                       : 1.2.0.0
  sluapo64.dll                                       : 2.2.2.0
  slvipp64.dll                                       : 1.0.1.0
  slviq64.dll                                        : 2.1.0.0
  SRSHP64.dll                                        : 1.1.0.0
  SRSTSH64.dll                                       : 1.1.4.0
  SRSTSX64.dll                                       : 3.2.0.0
  SRSWOW64.dll                                       : 1.1.3.0
  WavesGUILib.dll                                    : 1.2.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                        : 6.0.1.6251
  RtkAudioSrvATI.exe                                 : 1.0.0.23
  RtkUpd.exe                                         : 2.8.0.3
  RH3DAA32.dll                                       : 6.0.6001.18
  RH3DHT32.dll                                       : 6.0.6001.18
  RHCoInst.dll                                       : 1.1.1.2
  RHDMIExt.dll                                       : 6.0.6000.172
  RTEED32H.dll                                       : 6.1.6001.33
  RTEEG32H.dll                                       : 6.1.6001.33
  RTEEL32H.dll                                       : 6.1.6001.33
  RTEEP32H.dll                                       : 6.1.6001.33
  RtkHDMI.dll                                        : 11.0.6000.183

  Vista/Win7 x64:
  RtHDMIVX.sys                                       : 6.0.1.6251
  RtkAudioSrvATI64.exe                               : 1.0.0.23
  RtkUpd64.exe                                       : 2.8.0.3
  RH3DAA64.dll                                       : 6.0.6001.18
  RH3DHT64.dll                                       : 6.0.6001.18
  RHCoInst64.dll                                     : 1.1.1.2
  RHDMEx64.dll                                       : 6.0.6000.172
  RTEED64H.dll                                       : 6.1.6001.33
  RTEEG64H.dll                                       : 6.1.6001.33
  RTEEL64H.dll                                       : 6.1.6001.33
  RTEEP64H.dll                                       : 6.1.6001.33
  RtkHDM64.dll                                       : 11.0.6000.183
```

```
  XP/2K x86:
  RtkHDMI.sys                                          : 5.10.0.6251
  Rtaupd.exe                                           : 2.8.0.3
  RHCoInstXP.dll                                       : 1.1.1.2

  XP/2K x64:
  RtkHDMIX.sys                                         : 5.10.0.6251
  Rtaupd64.exe                                         : 2.8.0.3
  RHCoInst64XP.dll                                     : 1.1.1.2

  Driver Setup Program                                 : 3.18

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.57
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC887,
ALC888, ALC889, ALC892, ALC899, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC670, ALC680 ALC260, ALC262,ALC267, ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VC, ALC861VD, ALC660, ALC662,
ALC663, ALC665, ALC670, ALC680 ALC260, ALC262, ALC267,ALC268, ALC269, ALC270,
ALC272, ALC273, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
        2.) Package :
            1. Realtek Setup program will update audio driver automatically in
update Realtek audio driver case under Vista/Windows 7.
               Realtek setup program will un-install the previous version
Realtek audio driver on the system first.
               And it will re-install Realtek audio driver automatically after
system re-boot.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                         : 5.10.0.6299
  RtkHDAud.sys                                         : 5.10.0.6299
  Alcmtr.exe                                           : 1.6.0.4
  AlcWzrd.exe                                          : 1.1.0.37
  MicCal.exe                                           : 1.1.2.4
  RTHDCPL.exe                                          : 2.3.8.5
  RtkAudioService64.exe                                : 1.0.0.19
  RtkAudioService.exe                                  : 1.0.0.19
```

```
  RTLCPL.exe                                        : 1.0.1.66
  RtlUpd64.exe                                      : 2.8.0.3
  RtlUpd.exe                                        : 2.8.0.3
  SkyTel.exe                                        : 2.0.2.0
  SoundMan.exe                                      : 1.0.0.32
  vncutil64.exe                                     : 1.0.0.38
  vncutil.exe                                       : 1.0.0.38
  AMBFilt.sys                                       : 5.10.0.4240
  AMBFt64.sys                                       : 5.10.0.4240
  Monfilt.sys                                       : 5.10.0.4112
  Monft64.sys                                       : 5.10.0.4115
  OAO17Afx.sys                                      : 1.0.7.3
  ALSndMgr.cpl                                      : 1.0.0.11
  RTSndMgr.cpl                                      : 1.0.1.6
  RCoInst64XP.dll                                   : 1.1.1.2
  RTCOMDLL.dll                                      : 1.0.0.112
  RtkCoInstXP.dll                                   : 1.1.1.2
  RtlCPAPI.dll                                      : 1.0.2.3
Vista/Win7 driver : ----------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                       : 6.0.1.6299
  AERTSrv.exe                                       : 1.0.32.10
  FMAPP.exe                                         : 1.32.0.1
  RtHDVBg.exe                                       : 1.0.0.58
  RtHDVCpl.exe                                      : 1.0.0.637
  RtkAudioService.exe                               : 1.0.0.27
  RtkNGUI.exe                                       : 1.0.0.96
  RtlUpd.exe                                        : 2.8.0.3
  SkyTel.exe                                        : 2.0.2.2
  vncutil.exe                                       : 1.0.0.40
  mbfilt32.sys                                      : 6.10.0.8
  RTSndMgr.cpl                                      : 1.0.0.19
  AERTACap.dll                                      : 2.0.32.13
  AERTARen.dll                                      : 1.0.32.9
  BlackSkinImages.dll                               : 1.0.0.96
  DarkSkinImages.dll                                : 1.0.0.96
  DTSBassEnhancementDLL.dll                         : 1.0.0.1
  DTSBoostDLL.dll                                   : 1.0.0.1
  DTSGainCompensatorDLL.dll                         : 1.0.0.1
  DTSGFXAPO.dll                                     : 1.0.0.3
  DTSGFXAPONS.dll                                   : 1.0.0.3
  DTSLFXAPO.dll                                     : 1.0.0.3
  DTSLimiterDLL.dll                                 : 1.0.0.1
  DTSNeoPCDLL.dll                                   : 1.0.0.1
  DTSS2HeadphoneDLL.dll                             : 1.0.0.1
  DTSS2SpeakerDLL.dll                               : 1.0.0.1
  DTSSymmetryDLL.dll                                : 1.0.0.1
  DTSVoiceClarityDLL.dll                            : 1.0.0.1
  FMAPO.dll                                         : 42.5.38.65
  GrayJadeSkinImages.dll                            : 1.0.0.96
  LightSkinImages.dll                               : 1.0.0.96
  MaxxAudioAPO.dll                                  : 1.2.2.0
  MaxxAudioAPO20.dll                                : 2.2.9.0
  MaxxAudioAPO30.dll                                : 3.2.1.1
```

MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.43.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.129
MBWrp32.dll : 1.0.0.180
R4EEA32A.dll : 7.1.7000.5
R4EED32A.dll : 7.1.7000.5
R4EEG32A.dll : 7.1.7000.5
R4EEL32A.dll : 7.1.7000.5
R4EEP32A.dll : 7.1.7000.5
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.142
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.198
RtkApoApi.dll : 1.0.0.33
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.1.2
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.190
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.11
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.2.2.0
slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesGUILib.dll : 1.2.0.0
WavesLib.dll : 5.9.7.0

Vista/Win7 driver for x64

RTKVHD64.sys	: 6.0.1.6299
AERTSr64.exe	: 1.0.64.10
FMAPP.exe	: 1.64.0.1
RAVBg64.exe	: 1.0.0.58
RAVCpl64.exe	: 1.0.0.637
RtkAudioService64.exe	: 1.0.0.27
RtkNGUI64.exe	: 1.0.0.96
RtlUpd64.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.2
vncutil64.exe	: 1.0.0.40
GWfilt64.sys	: 6.10.0.3
mbfilt64.sys	: 6.10.0.8
RTSnMg64.cpl	: 1.0.0.19
AERTAC64.dll	: 2.0.64.13
AERTAR64.dll	: 1.0.64.9
BlackSkinImages64.dll	: 1.0.0.96
DarkSkinImages64.dll	: 1.0.0.96
DTSBassEnhancementDLL64.dll	: 1.0.0.1
DTSBoostDLL64.dll	: 1.0.0.1
DTSGainCompensatorDLL64.dll	: 1.0.0.1
DTSGFXAPO64.dll	: 1.0.0.3
DTSGFXAPONS64.dll	: 1.0.0.3
DTSLFXAPO64.dll	: 1.0.0.3
DTSLimiterDLL64.dll	: 1.0.0.1
DTSNeoPCDLL64.dll	: 1.0.0.1
DTSS2HeadphoneDLL64.dll	: 1.0.0.1
DTSS2SpeakerDLL64.dll	: 1.0.0.1
DTSSymmetryDLL64.dll	: 1.0.0.1
DTSVoiceClarityDLL64.dll	: 1.0.0.1
FMAPO64.dll	: 42.6.38.65
GrayJadeSkinImages64.dll	: 1.0.0.96
LightSkinImages64.dll	: 1.0.0.96
MaxxAudioAPO20.dll	: 2.2.9.0
MaxxAudioAPO30.dll	: 3.2.1.1
MaxxAudioEQ.dll	: 5.9.7.0
MaxxAudioRealtek.dll	: 1.2.0.0
MaxxAudioRealtek2.dll	: 1.0.7.0
MaxxVolumeSDAPO.dll	: 3.1.0.0
MBAPO32.dll	: 1.0.43.0
MBAPO64.dll	: 1.0.43.0
MBPPCn64.dll	: 1.0.0.110
MBppld64.dll	: 1.0.43.0
MBTHX32.dll	: 1.0.15.129
MBTHX64.dll	: 1.0.15.129
MBWrp64.dll	: 1.0.0.180
R4EEA64A.dll	: 7.1.7000.5
R4EED64A.dll	: 7.1.7000.5
R4EEG64A.dll	: 7.1.7000.5
R4EEL64A.dll	: 7.1.7000.5
R4EEP64A.dll	: 7.1.7000.5
RCoInst64.dll	: 1.1.1.2
RP3DAA64.dll	: 6.0.6001.18
RP3DHT64.dll	: 6.0.6001.18

```
  RtCOM64.dll                                             : 2.0.0.142
  RTCOMDLL.dll                                            : 2.0.0.142
  RTEED64A.dll                                            : 6.1.6001.33
  RTEEG64A.dll                                            : 6.1.6001.33
  RTEEL64A.dll                                            : 6.1.6001.33
  RTEEP64A.dll                                            : 6.1.6001.33
  RtkApi64.dll                                            : 1.0.0.33
  RtkAPO64.dll                                            : 11.0.6000.198
  RtkCfg.dll                                              : 1.0.0.1
  RtkCfg64.dll                                            : 1.0.0.2
  RtkGuiCompLib.dll                                       : 1.0.0.2
  RtlCPAPI.dll                                            : 1.0.2.4
  RtlCPAPI64.dll                                          : 1.0.2.4
  RtPgEx64.dll                                            : 6.0.6000.190
  SFAPO64.dll                                             : 3.0.0.11
  SFCOM.dll                                               : 3.0.0.11
  SFCOM64.dll                                             : 3.0.0.11
  SFComm64.dll                                            : 2.0.0.13
  SFDAPO64.dll                                            : 2.0.0.13
  SFHAPO64.dll                                            : 2.0.0.13
  SFNHK64.dll                                             : 3.0.0.11
  SFProc64.dll                                            : 2.0.0.13
  SFSAPO64.dll                                            : 2.0.0.13
  SFSS_APO.dll                                            : 1.0.0.11110
  slcc3d64.dll                                            : 1.0.0.100
  slcshp64.dll                                            : 1.0.3.0
  slcsii64.dll                                            : 1.0.3.0
  slgeq64.dll                                             : 1.0.1.0
  slh36064.dll                                            : 1.0.2.0
  slhlim64.dll                                            : 2.1.0.0
  slInit64.dll                                            : 1.1.3.0
  slmaxv64.dll                                            : 1.2.1.0
  sltshd64.dll                                            : 1.2.0.0
  sluapo64.dll                                            : 2.2.2.0
  slvipp64.dll                                            : 1.0.1.0
  slviq64.dll                                             : 2.1.0.0
  SRSHP64.dll                                             : 1.1.0.0
  SRSTSH64.dll                                            : 1.1.4.0
  SRSTSX64.dll                                            : 3.2.0.0
  SRSWOW64.dll                                            : 1.1.3.0
  WavesGUILib.dll                                         : 1.2.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                             : 6.0.1.6251
  RtkAudioSrvATI.exe                                      : 1.0.0.23
  RtkUpd.exe                                              : 2.8.0.3
  RH3DAA32.dll                                            : 6.0.6001.18
  RH3DHT32.dll                                            : 6.0.6001.18
  RHCoInst.dll                                            : 1.1.1.2
  RHDMIExt.dll                                            : 6.0.6000.172
  RTEED32H.dll                                            : 6.1.6001.33
  RTEEG32H.dll                                            : 6.1.6001.33
  RTEEL32H.dll                                            : 6.1.6001.33
  RTEEP32H.dll                                            : 6.1.6001.33
```

```
  RtkHDMI.dll                                          : 11.0.6000.183

  Vista/Win7 x64:
  RtHDMIVX.sys                                         : 6.0.1.6251
  RtkAudioSrvATI64.exe                                 : 1.0.0.23
  RtkUpd64.exe                                         : 2.8.0.3
  RH3DAA64.dll                                         : 6.0.6001.18
  RH3DHT64.dll                                         : 6.0.6001.18
  RHCoInst64.dll                                       : 1.1.1.2
  RHDMEx64.dll                                         : 6.0.6000.172
  RTEED64H.dll                                         : 6.1.6001.33
  RTEEG64H.dll                                         : 6.1.6001.33
  RTEEL64H.dll                                         : 6.1.6001.33
  RTEEP64H.dll                                         : 6.1.6001.33
  RtkHDM64.dll                                         : 11.0.6000.183

  XP/2K x86:
  RtkHDMI.sys                                          : 5.10.0.6251
  Rtaupd.exe                                           : 2.8.0.3
  RHCoInstXP.dll                                       : 1.1.1.2

  XP/2K x64:
  RtkHDMIX.sys                                         : 5.10.0.6251
  Rtaupd64.exe                                         : 2.8.0.3
  RHCoInst64XP.dll                                     : 1.1.1.2

  Driver Setup Program                                 : 3.15

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.56
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC887,
ALC888, ALC889, ALC892, ALC899, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC670, ALC680 ALC260, ALC262,ALC267, ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VC, ALC861VD, ALC660, ALC662,
ALC663, ALC665, ALC670, ALC680 ALC260, ALC262, ALC267,ALC268, ALC269, ALC270,
ALC272, ALC273, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
```

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  RTKHDA64.sys                                          : 5.10.0.6278
  RtkHDAud.sys                                          : 5.10.0.6278
  MicCal.exe                                            : 1.1.2.4
  RTHDCPL.exe                                           : 2.3.8.0
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.3
  RtlUpd.exe                                            : 2.8.0.3
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.38
  vncutil.exe                                           : 1.0.0.38
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  AMBFt64.sys                                           : 5.10.0.4240
  Monfilt.sys                                           : 5.10.0.4112
  Monft64.sys                                           : 5.10.0.4115
  OAO17Afx.sys                                          : 1.0.7.3
  AMBFilt.sys                                           : 5.10.0.4240
  RTSndMgr.cpl                                          : 1.0.1.6
  ALSndMgr.cpl                                          : 1.0.0.11
  RCoInst64XP.dll                                       : 1.1.1.2
  RTCOMDLL.dll                                          : 1.0.0.112
  RtkCoInstXP.dll                                       : 1.1.1.2
  RtlCPAPI.dll                                          : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                           : 6.0.1.6278
  AERTSrv.exe                                           : 1.0.32.10
  FMAPP.exe                                             : 1.32.0.1
  RtHDVBg.exe                                           : 1.0.0.55
  RtHDVCpl.exe                                          : 1.0.0.629
  RtkAudioService.exe                                   : 1.0.0.27
  RtkNGUI.exe                                           : 1.0.0.89
  RtlUpd.exe                                            : 2.8.0.3
  SkyTel.exe                                            : 2.0.2.2
  vncutil.exe                                           : 1.0.0.40
  mbfilt32.sys                                          : 6.10.0.8
  RTSndMgr.cpl                                          : 1.0.0.19
  AERTACap.dll                                          : 2.0.32.13
  AERTARen.dll                                          : 1.0.32.9
  BlackSkinImages.dll                                   : 1.0.0.89
  DarkSkinImages.dll                                    : 1.0.0.89
  DTSBassEnhancementDLL.dll                             : 1.0.0.1
  DTSBoostDLL.dll                                       : 1.0.0.1
  DTSGainCompensatorDLL.dll                             : 1.0.0.1
  DTSGFXAPO.dll                                         : 1.0.0.3
  DTSGFXAPONS.dll                                       : 1.0.0.3
  DTSLFXAPO.dll                                         : 1.0.0.3
  DTSLimiterDLL.dll                                     : 1.0.0.1
  DTSNeoPCDLL.dll                                       : 1.0.0.1
  DTSS2HeadphoneDLL.dll                                 : 1.0.0.1
  DTSS2SpeakerDLL.dll                                   : 1.0.0.1
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DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 43.5.7.65
GrayJadeSkinImages.dll : 1.0.0.89
LightSkinImages.dll : 1.0.0.89
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.43.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.127
MBWrp32.dll : 1.0.0.180
R4EEA32A.dll : 7.1.7000.5
R4EED32A.dll : 7.1.7000.5
R4EEG32A.dll : 7.1.7000.5
R4EEL32A.dll : 7.1.7000.5
R4EEP32A.dll : 7.1.7000.5
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.142
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.193
RtkApoApi.dll : 1.0.0.32
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.1.2
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.181
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.11
slcc3d32.dll : 1.0.0.100
slcshp32.dll : 1.0.3.0
slcsii32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slhlim32.dll : 2.1.0.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.2.1.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 2.2.0.0

slvipp32.dll : 1.0.1.0
slviq32.dll : 2.1.0.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesGUILib.dll : 1.2.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6278
AERTSr64.exe : 1.0.64.10
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.55
RAVCpl64.exe : 1.0.0.629
RtkAudioService64.exe : 1.0.0.27
RtkNGUI64.exe : 1.0.0.89
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.40
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.19
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.89
DarkSkinImages64.dll : 1.0.0.89
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.7.65
GrayJadeSkinImages64.dll : 1.0.0.89
LightSkinImages64.dll : 1.0.0.89
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.43.0
MBAPO64.dll : 1.0.43.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.43.0
MBTHX32.dll : 1.0.15.127
MBTHX64.dll : 1.0.15.127
MBWrp64.dll : 1.0.0.180

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  R4EEA64A.dll                                          : 7.1.7000.5
  R4EED64A.dll                                          : 7.1.7000.5
  R4EEG64A.dll                                          : 7.1.7000.5
  R4EEL64A.dll                                          : 7.1.7000.5
  R4EEP64A.dll                                          : 7.1.7000.5
  RCoInst64.dll                                         : 1.1.1.2
  RP3DAA64.dll                                          : 6.0.6001.18
  RP3DHT64.dll                                          : 6.0.6001.18
  RtCOM64.dll                                           : 2.0.0.142
  RTCOMDLL.dll                                          : 2.0.0.142
  RTEED64A.dll                                          : 6.1.6001.33
  RTEEG64A.dll                                          : 6.1.6001.33
  RTEEL64A.dll                                          : 6.1.6001.33
  RTEEP64A.dll                                          : 6.1.6001.33
  RtkApi64.dll                                          : 1.0.0.32
  RtkAPO64.dll                                          : 11.0.6000.193
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.2
  RtkGuiCompLib.dll                                     : 1.0.0.2
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.181
  SFAPO64.dll                                           : 3.0.0.11
  SFCOM.dll                                             : 3.0.0.11
  SFCOM64.dll                                           : 3.0.0.11
  SFComm64.dll                                          : 2.0.0.13
  SFDAPO64.dll                                          : 2.0.0.13
  SFHAPO64.dll                                          : 2.0.0.13
  SFNHK64.dll                                           : 3.0.0.11
  SFProc64.dll                                          : 2.0.0.13
  SFSAPO64.dll                                          : 2.0.0.13
  SFSS_APO.dll                                          : 1.0.0.11110
  slcc3d64.dll                                          : 1.0.0.100
  slcshp64.dll                                          : 1.0.3.0
  slcsii64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slhlim64.dll                                          : 2.1.0.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.2.1.0
  sltshd64.dll                                          : 1.2.0.0
  sluapo64.dll                                          : 2.2.0.0
  slvipp64.dll                                          : 1.0.1.0
  slviq64.dll                                           : 2.1.0.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  WavesGUILib.dll                                       : 1.2.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.6251
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.3
```

```
  RH3DAA32.dll                                        : 6.0.6001.18
  RH3DHT32.dll                                        : 6.0.6001.18
  RHCoInst.dll                                        : 1.1.1.2
  RHDMIExt.dll                                        : 6.0.6000.172
  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.183

  Vista/Win7 x64:
  RtHDMIVX.sys                                        : 6.0.1.6251
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.3
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.1.1.2
  RHDMEx64.dll                                        : 6.0.6000.172
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.183

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.6251
  Rtaupd.exe                                          : 2.8.0.3
  RHCoInstXP.dll                                      : 1.1.1.2

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.6251
  Rtaupd64.exe                                        : 2.8.0.3
  RHCoInst64XP.dll                                    : 1.1.1.2

  Driver Setup Program                                : 3.14

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.55
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC887,
ALC888, ALC889, ALC892, ALC899, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC670, ALC680 ALC260, ALC262,ALC267, ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VC, ALC861VD, ALC660, ALC662,
ALC663, ALC665, ALC670, ALC680 ALC260, ALC262, ALC267,ALC268, ALC269, ALC270,
ALC272, ALC273, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
```

Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.6257
RtkHDAud.sys	: 5.10.0.6257
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.3.7.5
RtkAudioService.exe	: 1.0.0.19
RtkAudioService64.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd.exe	: 2.8.0.3
RtlUpd64.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil.exe	: 1.0.0.38
vncutil64.exe	: 1.0.0.38
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.6
RCoInst64XP.dll	: 1.1.1.2
RTCOMDLL.dll	: 1.0.0.112
RtkCoInstXP.dll	: 1.1.1.2
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86	
RTKVHDA.sys	: 6.0.1.6257
AERTSrv.exe	: 1.0.32.10
FMAPP.exe	: 1.32.0.1
RtHDVBg.exe	: 1.0.0.54
RtHDVCpl.exe	: 1.0.0.617
RtkAudioService.exe	: 1.0.0.27
RtkNGUI.exe	: 1.0.0.81
RtlUpd.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.40
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.19
AERTACap.dll	: 2.0.32.13
AERTARen.dll	: 1.0.32.9
BlackSkinImages.dll	: 1.0.0.81
DarkSkinImages.dll	: 1.0.0.81
DTSBassEnhancementDLL.dll	: 1.0.0.1
DTSBoostDLL.dll	: 1.0.0.1

DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 43.5.7.65
GrayJadeSkinImages.dll : 1.0.0.81
LightSkinImages.dll : 1.0.0.81
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.41.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.41.0
MBTHX32.dll : 1.0.15.123
MBWrp32.dll : 1.0.0.180
R4EEA32A.dll : 7.1.7000.5
R4EED32A.dll : 7.1.7000.5
R4EEG32A.dll : 7.1.7000.5
R4EEL32A.dll : 7.1.7000.5
R4EEP32A.dll : 7.1.7000.5
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.142
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.184
RtkApoApi.dll : 1.0.0.32
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.1.2
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.173
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.11
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0

slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 1.8.34.0
slvipp32.dll : 1.0.1.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesGUILib.dll : 1.2.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6257
AERTSr64.exe : 1.0.64.10
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.54
RAVCpl64.exe : 1.0.0.617
RtkAudioService64.exe : 1.0.0.27
RtkNGUI64.exe : 1.0.0.81
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.40
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.19
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.81
DarkSkinImages64.dll : 1.0.0.81
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.7.65
GrayJadeSkinImages64.dll : 1.0.0.81
LightSkinImages64.dll : 1.0.0.81
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.2.0.0
MaxxAudioRealtek2.dll : 1.0.7.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.41.0
MBAPO64.dll : 1.0.41.0
MBPPCn64.dll : 1.0.0.110

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  MBppld64.dll                                          : 1.0.41.0
  MBTHX32.dll                                           : 1.0.15.123
  MBTHX64.dll                                           : 1.0.15.123
  MBWrp64.dll                                           : 1.0.0.180
  R4EEA64A.dll                                          : 7.1.7000.5
  R4EED64A.dll                                          : 7.1.7000.5
  R4EEG64A.dll                                          : 7.1.7000.5
  R4EEL64A.dll                                          : 7.1.7000.5
  R4EEP64A.dll                                          : 7.1.7000.5
  RCoInst64.dll                                         : 1.1.1.2
  RP3DAA64.dll                                          : 6.0.6001.18
  RP3DHT64.dll                                          : 6.0.6001.18
  RtCOM64.dll                                           : 2.0.0.142
  RTCOMDLL.dll                                          : 2.0.0.142
  RTEED64A.dll                                          : 6.1.6001.33
  RTEEG64A.dll                                          : 6.1.6001.33
  RTEEL64A.dll                                          : 6.1.6001.33
  RTEEP64A.dll                                          : 6.1.6001.33
  RtkApi64.dll                                          : 1.0.0.32
  RtkAPO64.dll                                          : 11.0.6000.184
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.2
  RtkGuiCompLib.dll                                     : 1.0.0.2
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.173
  SFAPO64.dll                                           : 3.0.0.11
  SFCOM.dll                                             : 3.0.0.11
  SFCOM64.dll                                           : 3.0.0.11
  SFComm64.dll                                          : 2.0.0.13
  SFDAPO64.dll                                          : 2.0.0.13
  SFHAPO64.dll                                          : 2.0.0.13
  SFNHK64.dll                                           : 3.0.0.11
  SFProc64.dll                                          : 2.0.0.13
  SFSAPO64.dll                                          : 2.0.0.13
  SFSS_APO.dll                                          : 1.0.0.11110
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.2.0.0
  sluapo64.dll                                          : 1.8.34.0
  slvipp64.dll                                          : 1.0.1.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  WavesGUILib.dll                                       : 1.2.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.6251
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.3
```

```
  RH3DAA32.dll                                        : 6.0.6001.18
  RH3DHT32.dll                                        : 6.0.6001.18
  RHCoInst.dll                                        : 1.1.1.2
  RHDMIExt.dll                                        : 6.0.6000.172
  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.183

  Vista/Win7 x64:
  RtHDMIVX.sys                                        : 6.0.1.6251
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.3
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.1.1.2
  RHDMEx64.dll                                        : 6.0.6000.172
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.183

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.6251
  Rtaupd.exe                                          : 2.8.0.3
  RHCoInstXP.dll                                      : 1.1.1.2

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.6251
  Rtaupd64.exe                                        : 2.8.0.3
  RHCoInst64XP.dll                                    : 1.1.1.2

  Driver Setup Program                                : 3.14

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.54
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC887,
ALC888, ALC889, ALC892, ALC899, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC670, ALC680 ALC260, ALC262,ALC267, ALC268, ALC269, ALC270, ALC272, ALC273,
ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC887, ALC888, ALC889, ALC892, ALC899, ALC861VC, ALC861VD, ALC660, ALC662,
ALC663, ALC665, ALC670, ALC680 ALC260, ALC262, ALC267,ALC268, ALC269, ALC270,
ALC272, ALC273, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
```

Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.6235
RtkHDAud.sys	: 5.10.0.6235
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.3.7.4
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.8.0.3
RtlUpd.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.38
vncutil.exe	: 1.0.0.38
Alcmtr.exe	: 1.6.0.4
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.6
RCoInst64XP.dll	: 1.1.1.0
RTCOMDLL.dll	: 1.0.0.110
RtkCoInstXP.dll	: 1.1.1.0
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86	
RTKVHDA.sys	: 6.0.1.6235
AERTSrv.exe	: 1.0.32.10
FMAPP.exe	: 1.32.0.1
RtHDVBg.exe	: 1.0.0.51
RtHDVCpl.exe	: 1.0.0.603
RtkAudioService.exe	: 1.0.0.27
RtkNGUI.exe	: 1.0.0.76
RtlUpd.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.40
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.19
AERTACap.dll	: 2.0.32.13
AERTARen.dll	: 1.0.32.9
BlackSkinImages.dll	: 1.0.0.76
DarkSkinImages.dll	: 1.0.0.76
DTSBassEnhancementDLL.dll	: 1.0.0.1
DTSBoostDLL.dll	: 1.0.0.1

DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 43.5.6.68
GrayJadeSkinImages.dll : 1.0.0.76
LightSkinImages.dll : 1.0.0.76
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.1.0.0
MaxxAudioRealtek2.dll : 1.0.3.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.41.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.41.0
MBTHX32.dll : 1.0.15.122
MBWrp32.dll : 1.0.0.180
R4EEA32A.dll : 7.1.7000.5
R4EED32A.dll : 7.1.7000.5
R4EEG32A.dll : 7.1.7000.5
R4EEL32A.dll : 7.1.7000.5
R4EEP32A.dll : 7.1.7000.5
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.140
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.178
RtkApoApi.dll : 1.0.0.31
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.1.1
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.165
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.11
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0

slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 1.8.34.0
slvipp32.dll : 1.0.1.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesGUILib.dll : 1.1.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6235
AERTSr64.exe : 1.0.64.10
FMAPP.exe : 1.64.0.1
RAVBg64.exe : 1.0.0.51
RAVCpl64.exe : 1.0.0.603
RtkAudioService64.exe : 1.0.0.27
RtkNGUI64.exe : 1.0.0.76
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.40
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.19
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.76
DarkSkinImages64.dll : 1.0.0.76
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 43.6.6.68
GrayJadeSkinImages64.dll : 1.0.0.76
LightSkinImages64.dll : 1.0.0.76
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.1.1
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.1.0.0
MaxxAudioRealtek2.dll : 1.0.3.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.41.0
MBAPO64.dll : 1.0.41.0
MBPPCn64.dll : 1.0.0.110

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  MBppld64.dll                                          : 1.0.41.0
  MBTHX32.dll                                           : 1.0.15.122
  MBTHX64.dll                                           : 1.0.15.122
  MBWrp64.dll                                           : 1.0.0.180
  R4EEA64A.dll                                          : 7.1.7000.5
  R4EED64A.dll                                          : 7.1.7000.5
  R4EEG64A.dll                                          : 7.1.7000.5
  R4EEL64A.dll                                          : 7.1.7000.5
  R4EEP64A.dll                                          : 7.1.7000.5
  RCoInst64.dll                                         : 1.1.1.1
  RP3DAA64.dll                                          : 6.0.6001.18
  RP3DHT64.dll                                          : 6.0.6001.18
  RtCOM64.dll                                           : 2.0.0.140
  RTCOMDLL.dll                                          : 2.0.0.140
  RTEED64A.dll                                          : 6.1.6001.33
  RTEEG64A.dll                                          : 6.1.6001.33
  RTEEL64A.dll                                          : 6.1.6001.33
  RTEEP64A.dll                                          : 6.1.6001.33
  RtkApi64.dll                                          : 1.0.0.31
  RtkAPO64.dll                                          : 11.0.6000.178
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.2
  RtkGuiCompLib.dll                                     : 1.0.0.2
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.165
  SFAPO64.dll                                           : 3.0.0.11
  SFCOM.dll                                             : 3.0.0.11
  SFCOM64.dll                                           : 3.0.0.11
  SFComm64.dll                                          : 2.0.0.13
  SFDAPO64.dll                                          : 2.0.0.13
  SFHAPO64.dll                                          : 2.0.0.13
  SFNHK64.dll                                           : 3.0.0.11
  SFProc64.dll                                          : 2.0.0.13
  SFSAPO64.dll                                          : 2.0.0.13
  SFSS_APO.dll                                          : 1.0.0.10280
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.2.0.0
  sluapo64.dll                                          : 1.8.34.0
  slvipp64.dll                                          : 1.0.1.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  WavesGUILib.dll                                       : 1.1.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.6121
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.3
```

```
  RH3DAA32.dll                                        : 6.0.6001.18
  RH3DHT32.dll                                        : 6.0.6001.18
  RHCoInst.dll                                        : 1.0.8.6
  RHDMIExt.dll                                        : 6.0.6000.127
  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.151

  Vista/Win7 x64:
  RtHDMIVX.sys                                        : 6.0.1.6121
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.3
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.0.8.6
  RHDMEx64.dll                                        : 6.0.6000.127
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.151

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.6121
  Rtaupd.exe                                          : 2.8.0.3
  RHCoInstXP.dll                                      : 1.0.8.6

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.6121
  Rtaupd64.exe                                        : 2.8.0.3
  RHCoInst64XP.dll                                    : 1.0.8.6

  Driver Setup Program                                : 3.13

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.53
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
```

5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
1.) Driver :
1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :

RTKHDA64.sys	: 5.10.0.6215
RtkHDAud.sys	: 5.10.0.6215
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.3.7.2
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.8.0.3
RtlUpd.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.38
vncutil.exe	: 1.0.0.38
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.6
RCoInst64.dll	: 1.1.0.3
RCoInst64XP.dll	: 1.1.0.4
RTCOMDLL.dll	: 1.0.0.108
RtkCoInst.dll	: 1.1.0.3
RtkCoInstXP.dll	: 1.1.0.4
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86

RTKVHDA.sys	: 6.0.1.6215
AERTSrv.exe	: 1.0.32.10
RtHDVBg.exe	: 1.0.0.46
RtHDVCpl.exe	: 1.0.0.590
RtkAudioService.exe	: 1.0.0.27
RtkNGUI.exe	: 1.0.0.65
RtlUpd.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.40
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.19
AERTACap.dll	: 2.0.32.13
AERTARen.dll	: 1.0.32.9
BlackSkinImages.dll	: 1.0.0.65
DarkSkinImages.dll	: 1.0.0.65
DTSBassEnhancementDLL.dll	: 1.0.0.1
DTSBoostDLL.dll	: 1.0.0.1

DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.3
DTSGFXAPONS.dll : 1.0.0.3
DTSLFXAPO.dll : 1.0.0.3
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 42.5.35.67
GrayJadeSkinImages.dll : 1.0.0.65
LightSkinImages.dll : 1.0.0.65
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.0.2
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.0.0.0
MaxxAudioRealtek2.dll : 1.0.2.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.41.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.41.0
MBTHX32.dll : 1.0.15.122
MBWrp32.dll : 1.0.0.180
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.137
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.168
RtkApoApi.dll : 1.0.0.28
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.0.8
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.159
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.11
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 1.8.34.0

slvipp32.dll : 1.0.1.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesGUILib.dll : 1.0.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6215
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.46
RAVCpl64.exe : 1.0.0.590
RtkAudioService64.exe : 1.0.0.27
RtkNGUI64.exe : 1.0.0.65
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.40
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.19
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.65
DarkSkinImages64.dll : 1.0.0.65
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.3
DTSGFXAPONS64.dll : 1.0.0.3
DTSLFXAPO64.dll : 1.0.0.3
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.35.67
GrayJadeSkinImages64.dll : 1.0.0.65
LightSkinImages64.dll : 1.0.0.65
MaxxAudioAPO20.dll : 2.2.9.0
MaxxAudioAPO30.dll : 3.2.0.2
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.0.0.0
MaxxAudioRealtek2.dll : 1.0.2.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.41.0
MBAPO64.dll : 1.0.41.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.41.0
MBTHX32.dll : 1.0.15.122
MBTHX64.dll : 1.0.15.122
MBWrp64.dll : 1.0.0.180
RCoInst64.dll : 1.1.0.8
RP3DAA64.dll : 6.0.6001.18

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  RP3DHT64.dll                                          : 6.0.6001.18
  RtCOM64.dll                                           : 2.0.0.137
  RTCOMDLL.dll                                          : 2.0.0.137
  RTEED64A.dll                                          : 6.1.6001.33
  RTEEG64A.dll                                          : 6.1.6001.33
  RTEEL64A.dll                                          : 6.1.6001.33
  RTEEP64A.dll                                          : 6.1.6001.33
  RtkApi64.dll                                          : 1.0.0.28
  RtkAPO64.dll                                          : 11.0.6000.168
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.2
  RtkGuiCompLib.dll                                     : 1.0.0.2
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.159
  SFAPO64.dll                                           : 3.0.0.11
  SFCOM.dll                                             : 3.0.0.11
  SFCOM64.dll                                           : 3.0.0.11
  SFComm64.dll                                          : 2.0.0.13
  SFDAPO64.dll                                          : 2.0.0.13
  SFHAPO64.dll                                          : 2.0.0.13
  SFNHK64.dll                                           : 3.0.0.11
  SFProc64.dll                                          : 2.0.0.13
  SFSAPO64.dll                                          : 2.0.0.13
  SFSS_APO.dll                                          : 1.0.0.8310
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.2.0.0
  sluapo64.dll                                          : 1.8.34.0
  slvipp64.dll                                          : 1.0.1.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  WavesGUILib.dll                                       : 1.0.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.6121
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.3
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.8.6
  RHDMIExt.dll                                          : 6.0.6000.127
  RTEED32H.dll                                          : 6.1.6001.33
  RTEEG32H.dll                                          : 6.1.6001.33
  RTEEL32H.dll                                          : 6.1.6001.33
  RTEEP32H.dll                                          : 6.1.6001.33
  RtkHDMI.dll                                           : 11.0.6000.151

  Vista/Win7 x64:
```

```
  RtHDMIVX.sys                                        : 6.0.1.6121
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.3
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.0.8.6
  RHDMEx64.dll                                        : 6.0.6000.127
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.151

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.6121
  Rtaupd.exe                                          : 2.8.0.3
  RHCoInstXP.dll                                      : 1.0.8.6

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.6121
  Rtaupd64.exe                                        : 2.8.0.3
  RHCoInst64XP.dll                                    : 1.0.8.6

  Driver Setup Program                                : 3.10

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.52
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.6194
  RtkHDAud.sys                                        : 5.10.0.6194
  AlcWzrd.exe                                         : 1.1.0.37
  MicCal.exe                                          : 1.1.2.4
```

```
  RTHDCPL.exe                                        : 2.3.6.9
  RtkAudioService64.exe                              : 1.0.0.19
  RtkAudioService.exe                                : 1.0.0.19
  RTLCPL.exe                                         : 1.0.1.66
  RtlUpd64.exe                                       : 2.8.0.3
  RtlUpd.exe                                         : 2.8.0.3
  SkyTel.exe                                         : 2.0.2.0
  SoundMan.exe                                       : 1.0.0.32
  vncutil64.exe                                      : 1.0.0.38
  vncutil.exe                                        : 1.0.0.38
  Alcmtr.exe                                         : 1.6.0.4
  AMBFilt.sys                                        : 5.10.0.4240
  AMBFt64.sys                                        : 5.10.0.4240
  Monfilt.sys                                        : 5.10.0.4112
  Monft64.sys                                        : 5.10.0.4115
  OAO17Afx.sys                                       : 1.0.7.3
  ALSndMgr.cpl                                       : 1.0.0.11
  RTSndMgr.cpl                                       : 1.0.1.6
  RCoInst64.dll                                      : 1.1.0.3
  RCoInst64XP.dll                                    : 1.1.0.3
  RTCOMDLL.dll                                       : 1.0.0.108
  RtkCoInst.dll                                      : 1.1.0.3
  RtkCoInstXP.dll                                    : 1.1.0.3
  RtlCPAPI.dll                                       : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                        : 6.0.1.6194
  AERTSrv.exe                                        : 1.0.32.10
  RtHDVBg.exe                                        : 1.0.0.41
  RtHDVCpl.exe                                       : 1.0.0.576
  RtkAudioService.exe                                : 1.0.0.27
  RtkNGUI.exe                                        : 1.0.0.57
  RtlUpd.exe                                         : 2.8.0.3
  SkyTel.exe                                         : 2.0.2.2
  vncutil.exe                                        : 1.0.0.40
  mbfilt32.sys                                       : 6.10.0.8
  RTSndMgr.cpl                                       : 1.0.0.19
  AERTACap.dll                                       : 2.0.32.13
  AERTARen.dll                                       : 1.0.32.9
  BlackSkinImages.dll                                : 1.0.0.57
  DarkSkinImages.dll                                 : 1.0.0.57
  DTSBassEnhancementDLL.dll                          : 1.0.0.1
  DTSBoostDLL.dll                                    : 1.0.0.1
  DTSGainCompensatorDLL.dll                          : 1.0.0.1
  DTSGFXAPO.dll                                      : 1.0.0.2
  DTSGFXAPONS.dll                                    : 1.0.0.2
  DTSLFXAPO.dll                                      : 1.0.0.2
  DTSLimiterDLL.dll                                  : 1.0.0.1
  DTSNeoPCDLL.dll                                    : 1.0.0.1
  DTSS2HeadphoneDLL.dll                              : 1.0.0.1
  DTSS2SpeakerDLL.dll                                : 1.0.0.1
  DTSSymmetryDLL.dll                                 : 1.0.0.1
  DTSVoiceClarityDLL.dll                             : 1.0.0.1
  FMAPO.dll                                          : 42.5.35.66
```

GrayJadeSkinImages.dll : 1.0.0.57
LightSkinImages.dll : 1.0.0.57
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.8.0
MaxxAudioAPO30.dll : 3.2.0.2
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.0.0.0
MaxxAudioRealtek2.dll : 1.0.2.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.40.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.40.0
MBTHX32.dll : 1.0.15.120
MBWrp32.dll : 1.0.0.180
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.137
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.165
RtkApoApi.dll : 1.0.0.24
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.0.3
RtkGuiCompLib.dll : 1.0.0.2
RtkPgExt.dll : 6.0.6000.152
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.11
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 1.8.34.0
slvipp32.dll : 1.0.1.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesGUILib.dll : 1.0.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6194
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.41

RAVCpl64.exe : 1.0.0.576
RtkAudioService64.exe : 1.0.0.27
RtkNGUI64.exe : 1.0.0.57
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.40
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.19
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.57
DarkSkinImages64.dll : 1.0.0.57
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.2
DTSGFXAPONS64.dll : 1.0.0.2
DTSLFXAPO64.dll : 1.0.0.2
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.35.66
GrayJadeSkinImages64.dll : 1.0.0.57
LightSkinImages64.dll : 1.0.0.57
MaxxAudioAPO20.dll : 2.2.8.0
MaxxAudioAPO30.dll : 3.2.0.2
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.0.0.0
MaxxAudioRealtek2.dll : 1.0.2.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.40.0
MBAPO64.dll : 1.0.40.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.40.0
MBTHX32.dll : 1.0.15.120
MBTHX64.dll : 1.0.15.120
MBWrp64.dll : 1.0.0.180
RCoInst64.dll : 1.1.0.3
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.137
RTCOMDLL.dll : 2.0.0.137
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.24
RtkAPO64.dll : 11.0.6000.165
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2

```
  RtkGuiCompLib.dll                                  : 1.0.0.2
  RtlCPAPI.dll                                       : 1.0.2.4
  RtlCPAPI64.dll                                     : 1.0.2.4
  RtPgEx64.dll                                       : 6.0.6000.152
  SFAPO64.dll                                        : 3.0.0.11
  SFCOM.dll                                          : 3.0.0.11
  SFCOM64.dll                                        : 3.0.0.11
  SFComm64.dll                                       : 2.0.0.13
  SFDAPO64.dll                                       : 2.0.0.13
  SFHAPO64.dll                                       : 2.0.0.13
  SFNHK64.dll                                        : 3.0.0.11
  SFProc64.dll                                       : 2.0.0.13
  SFSAPO64.dll                                       : 2.0.0.13
  SFSS_APO.dll                                       : 1.0.0.8020
  slcshp64.dll                                       : 1.0.3.0
  slgeq64.dll                                        : 1.0.1.0
  slh36064.dll                                       : 1.0.2.0
  slInit64.dll                                       : 1.1.3.0
  slmaxv64.dll                                       : 1.1.2.0
  sltshd64.dll                                       : 1.2.0.0
  sluapo64.dll                                       : 1.8.34.0
  slvipp64.dll                                       : 1.0.1.0
  SRSHP64.dll                                        : 1.1.0.0
  SRSTSH64.dll                                       : 1.1.4.0
  SRSTSX64.dll                                       : 3.2.0.0
  SRSWOW64.dll                                       : 1.1.3.0
  WavesGUILib.dll                                    : 1.0.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                        : 6.0.1.6121
  RtkAudioSrvATI.exe                                 : 1.0.0.23
  RtkUpd.exe                                         : 2.8.0.3
  RH3DAA32.dll                                       : 6.0.6001.18
  RH3DHT32.dll                                       : 6.0.6001.18
  RHCoInst.dll                                       : 1.0.8.6
  RHDMIExt.dll                                       : 6.0.6000.127
  RTEED32H.dll                                       : 6.1.6001.33
  RTEEG32H.dll                                       : 6.1.6001.33
  RTEEL32H.dll                                       : 6.1.6001.33
  RTEEP32H.dll                                       : 6.1.6001.33
  RtkHDMI.dll                                        : 11.0.6000.151

  Vista/Win7 x64:
  RtHDMIVX.sys                                       : 6.0.1.6121
  RtkAudioSrvATI64.exe                               : 1.0.0.23
  RtkUpd64.exe                                       : 2.8.0.3
  RH3DAA64.dll                                       : 6.0.6001.18
  RH3DHT64.dll                                       : 6.0.6001.18
  RHCoInst64.dll                                     : 1.0.8.6
  RHDMEx64.dll                                       : 6.0.6000.127
  RTEED64H.dll                                       : 6.1.6001.33
  RTEEG64H.dll                                       : 6.1.6001.33
  RTEEL64H.dll                                       : 6.1.6001.33
  RTEEP64H.dll                                       : 6.1.6001.33
```

```
  RtkHDM64.dll                                          : 11.0.6000.151

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.6121
  Rtaupd.exe                                            : 2.8.0.3
  RHCoInstXP.dll                                        : 1.0.8.6

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.6121
  Rtaupd64.exe                                          : 2.8.0.3
  RHCoInst64XP.dll                                      : 1.0.8.6

  Driver Setup Program                                  : 3.07

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.51
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.6167
  RtkHDAud.sys                                          : 5.10.0.6167
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.4
  RTHDCPL.exe                                           : 2.3.6.2
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.3
  RtlUpd.exe                                            : 2.8.0.3
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.38
  vncutil.exe                                           : 1.0.0.38
```

```
  AMBFilt.sys                                          : 5.10.0.4240
  AMBFt64.sys                                          : 5.10.0.4240
  Monfilt.sys                                          : 5.10.0.4112
  Monft64.sys                                          : 5.10.0.4115
  OAO17Afx.sys                                         : 1.0.7.3
  ALSndMgr.cpl                                         : 1.0.0.11
  RTSndMgr.cpl                                         : 1.0.1.5
  RCoInst64XP.dll                                      : 1.0.9.9
  RTCOMDLL.dll                                         : 1.0.0.108
  RtkCoInstXP.dll                                      : 1.0.9.9
  RtlCPAPI.dll                                         : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                          : 6.0.1.6167
  AERTSrv.exe                                          : 1.0.32.10
  RtHDVBg.exe                                          : 1.0.0.40
  RtHDVCpl.exe                                         : 1.0.0.553
  RtkAudioService.exe                                  : 1.0.0.27
  RtkNGUI.exe                                          : 1.0.0.53
  RtlUpd.exe                                           : 2.8.0.3
  SkyTel.exe                                           : 2.0.2.2
  vncutil.exe                                          : 1.0.0.38
  mbfilt32.sys                                         : 6.10.0.8
  RTSndMgr.cpl                                         : 1.0.0.19
  AERTACap.dll                                         : 2.0.32.13
  AERTARen.dll                                         : 1.0.32.9
  BlackSkinImages.dll                                  : 1.0.0.53
  DarkSkinImages.dll                                   : 1.0.0.53
  DTSBassEnhancementDLL.dll                            : 1.0.0.1
  DTSBoostDLL.dll                                      : 1.0.0.1
  DTSGainCompensatorDLL.dll                            : 1.0.0.1
  DTSGFXAPO.dll                                        : 1.0.0.2
  DTSGFXAPONS.dll                                      : 1.0.0.2
  DTSLFXAPO.dll                                        : 1.0.0.2
  DTSLimiterDLL.dll                                    : 1.0.0.1
  DTSNeoPCDLL.dll                                      : 1.0.0.1
  DTSS2HeadphoneDLL.dll                                : 1.0.0.1
  DTSS2SpeakerDLL.dll                                  : 1.0.0.1
  DTSSymmetryDLL.dll                                   : 1.0.0.1
  DTSVoiceClarityDLL.dll                               : 1.0.0.1
  FMAPO.dll                                            : 42.5.32.66
  GrayJadeSkinImages.dll                               : 1.0.0.53
  LightSkinImages.dll                                  : 1.0.0.53
  MaxxAudioAPO.dll                                     : 1.2.2.0
  MaxxAudioAPO20.dll                                   : 2.2.8.0
  MaxxAudioAPO30.dll                                   : 3.2.0.2
  MaxxAudioEQ.dll                                      : 5.9.7.0
  MaxxAudioRealtek.dll                                 : 1.0.0.0
  MaxxAudioRealtek2.dll                                : 1.0.0.0
  MaxxVolumeSDAPO.dll                                  : 3.1.0.0
  MBAPO32.dll                                          : 1.0.19.0
  MBPPCn32.dll                                         : 1.0.0.110
  MBppld32.dll                                         : 1.0.22.0
  MBTHX32.dll                                          : 1.0.15.115
```

MBWrp32.dll : 1.0.0.180
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.136
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.160
RtkApoApi.dll : 1.0.0.21
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.0.0
RtkGuiCompLib.dll : 1.0.0.1
RtkPgExt.dll : 6.0.6000.141
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFFXComm.dll : 2.0.0.13
SFFXDAPO.dll : 2.0.0.13
SFFXHAPO.dll : 2.0.0.13
SFFXProc.dll : 2.0.0.13
SFFXSAPO.dll : 2.0.0.13
SFNHK.dll : 3.0.0.11
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 1.8.34.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesGUILib.dll : 1.0.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6167
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.40
RAVCpl64.exe : 1.0.0.553
RtkAudioService64.exe : 1.0.0.27
RtkNGUI64.exe : 1.0.0.53
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.19
AERTAC64.dll : 2.0.64.13
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.53
DarkSkinImages64.dll : 1.0.0.53
DTSBassEnhancementDLL64.dll : 1.0.0.1

DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.2
DTSGFXAPONS64.dll : 1.0.0.2
DTSLFXAPO64.dll : 1.0.0.2
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.32.66
GrayJadeSkinImages64.dll : 1.0.0.53
LightSkinImages64.dll : 1.0.0.53
MaxxAudioAPO20.dll : 2.2.8.0
MaxxAudioAPO30.dll : 3.2.0.2
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.0.0.0
MaxxAudioRealtek2.dll : 1.0.0.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.115
MBTHX64.dll : 1.0.15.115
MBWrp64.dll : 1.0.0.180
RCoInst64.dll : 1.1.0.0
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.136
RTCOMDLL.dll : 2.0.0.136
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.21
RtkAPO64.dll : 11.0.6000.160
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtkGuiCompLib.dll : 1.0.0.1
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.141
SFAPO64.dll : 3.0.0.11
SFCOM.dll : 3.0.0.11
SFCOM64.dll : 3.0.0.11
SFComm64.dll : 2.0.0.13
SFDAPO64.dll : 2.0.0.13
SFHAPO64.dll : 2.0.0.13
SFNHK64.dll : 3.0.0.11
SFProc64.dll : 2.0.0.13
SFSAPO64.dll : 2.0.0.13
slcshp64.dll : 1.0.3.0

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  slgeq64.dll                                          : 1.0.1.0
  slh36064.dll                                         : 1.0.2.0
  slInit64.dll                                         : 1.1.3.0
  slmaxv64.dll                                         : 1.1.2.0
  sltshd64.dll                                         : 1.2.0.0
  sluapo64.dll                                         : 1.8.34.0
  SRSHP64.dll                                          : 1.1.0.0
  SRSTSH64.dll                                         : 1.1.4.0
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.3.0
  WavesGUILib.dll                                      : 1.0.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                          : 6.0.1.6121
  RtkAudioSrvATI.exe                                   : 1.0.0.23
  RtkUpd.exe                                           : 2.8.0.3
  RH3DAA32.dll                                         : 6.0.6001.18
  RH3DHT32.dll                                         : 6.0.6001.18
  RHCoInst.dll                                         : 1.0.8.6
  RHDMIExt.dll                                         : 6.0.6000.127
  RTEED32H.dll                                         : 6.1.6001.33
  RTEEG32H.dll                                         : 6.1.6001.33
  RTEEL32H.dll                                         : 6.1.6001.33
  RTEEP32H.dll                                         : 6.1.6001.33
  RtkHDMI.dll                                          : 11.0.6000.151

  Vista/Win7 x64:
  RtHDMIVX.sys                                         : 6.0.1.6121
  RtkAudioSrvATI64.exe                                 : 1.0.0.23
  RtkUpd64.exe                                         : 2.8.0.3
  RH3DAA64.dll                                         : 6.0.6001.18
  RH3DHT64.dll                                         : 6.0.6001.18
  RHCoInst64.dll                                       : 1.0.8.6
  RHDMEx64.dll                                         : 6.0.6000.127
  RTEED64H.dll                                         : 6.1.6001.33
  RTEEG64H.dll                                         : 6.1.6001.33
  RTEEL64H.dll                                         : 6.1.6001.33
  RTEEP64H.dll                                         : 6.1.6001.33
  RtkHDM64.dll                                         : 11.0.6000.151

  XP/2K x86:
  RtkHDMI.sys                                          : 5.10.0.6121
  Rtaupd.exe                                           : 2.8.0.3
  RHCoInstXP.dll                                       : 1.0.8.6

  XP/2K x64:
  RtkHDMIX.sys                                         : 5.10.0.6121
  Rtaupd64.exe                                         : 2.8.0.3
  RHCoInst64XP.dll                                     : 1.0.8.6

  Driver Setup Program                                 : 3.06

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
```

```
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.50
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                    : 5.10.0.6151
  RTKHDAUD.sys                                    : 5.10.0.6151
  Alcmtr.exe                                      : 1.6.0.4
  AlcWzrd.exe                                     : 1.1.0.37
  MicCal.exe                                      : 1.1.2.4
  RTHDCPL.exe                                     : 2.3.6.1
  RtkAudioService.exe                             : 1.0.0.19
  RtkAudioService64.exe                           : 1.0.0.19
  RTLCPL.exe                                      : 1.0.1.66
  RtlUpd.exe                                      : 2.8.0.3
  RtlUpd64.exe                                    : 2.8.0.3
  SkyTel.exe                                      : 2.0.2.0
  SoundMan.exe                                    : 1.0.0.32
  vncutil.exe                                     : 1.0.0.38
  vncutil64.exe                                   : 1.0.0.38
  AMBFilt.sys                                     : 5.10.0.4240
  AMBFt64.sys                                     : 5.10.0.4240
  Monfilt.sys                                     : 5.10.0.4112
  Monft64.sys                                     : 5.10.0.4115
  OAO17Afx.sys                                    : 1.0.7.3
  ALSndMgr.cpl                                    : 1.0.0.11
  RTSndMgr.cpl                                    : 1.0.1.5
  RCoInst64XP.dll                                 : 1.0.9.9
  RTCOMDLL.dll                                    : 1.0.0.108
  RtkCoInstXP.dll                                 : 1.0.9.9
  RtlCPAPI.dll                                    : 1.0.2.3
Vista/Win7 driver : --------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                     : 6.0.1.6151
  AERTSrv.exe                                     : 1.0.32.10
  RtHDVBg.exe                                     : 1.0.0.38
```

RtHDVCpl.exe : 1.0.0.545
RtkAudioService.exe : 1.0.0.27
RtkNGUI.exe : 1.0.0.52
RtlUpd.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil.exe : 1.0.0.38
mbfilt32.sys : 6.10.0.8
RTSndMgr.cpl : 1.0.0.19
AERTACap.dll : 2.0.32.11
AERTARen.dll : 1.0.32.9
BlackSkinImages.dll : 1.0.0.52
DarkSkinImages.dll : 1.0.0.52
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.2
DTSGFXAPONS.dll : 1.0.0.2
DTSLFXAPO.dll : 1.0.0.2
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 42.5.32.66
GrayJadeSkinImages.dll : 1.0.0.52
LightSkinImages.dll : 1.0.0.52
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.8.0
MaxxAudioAPO30.dll : 3.1.0.0
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.0.0.0
MaxxAudioRealtek2.dll : 1.0.0.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.115
MBWrp32.dll : 1.0.0.180
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.135
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.156
RtkApoApi.dll : 1.0.0.21
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.1.0.0
RtkGuiCompLib.dll : 1.0.0.1
RtkPgExt.dll : 6.0.6000.138
RtlCPAPI.dll : 1.0.2.4
SFAPO.dll : 3.0.0.8

SFCOM.dll : 3.0.0.8
SFFXComm.dll : 2.0.0.12
SFFXDAPO.dll : 2.0.0.12
SFFXHAPO.dll : 2.0.0.12
SFFXProc.dll : 2.0.0.12
SFFXSAPO.dll : 2.0.0.12
SFNHK.dll : 3.0.0.8
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 1.8.34.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesGUILib.dll : 1.0.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6151
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.38
RAVCpl64.exe : 1.0.0.545
RtkAudioService64.exe : 1.0.0.27
RtkNGUI64.exe : 1.0.0.52
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.19
AERTAC64.dll : 2.0.64.11
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.52
DarkSkinImages64.dll : 1.0.0.52
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.2
DTSGFXAPONS64.dll : 1.0.0.2
DTSLFXAPO64.dll : 1.0.0.2
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.32.66
GrayJadeSkinImages64.dll : 1.0.0.52
LightSkinImages64.dll : 1.0.0.52
MaxxAudioAPO20.dll : 2.2.8.0
MaxxAudioAPO30.dll : 3.1.0.0

```
  MaxxAudioEQ.dll                                    : 5.9.7.0
  MaxxAudioRealtek.dll                               : 1.0.0.0
  MaxxAudioRealtek2.dll                              : 1.0.0.0
  MaxxVolumeSDAPO.dll                                : 3.1.0.0
  MBAPO32.dll                                        : 1.0.19.0
  MBAPO64.dll                                        : 1.0.19.0
  MBPPCn64.dll                                       : 1.0.0.110
  MBppld64.dll                                       : 1.0.22.0
  MBTHX32.dll                                        : 1.0.15.115
  MBTHX64.dll                                        : 1.0.15.115
  MBWrp64.dll                                        : 1.0.0.180
  RCoInst64.dll                                      : 1.1.0.0
  RP3DAA64.dll                                       : 6.0.6001.18
  RP3DHT64.dll                                       : 6.0.6001.18
  RtCOM64.dll                                        : 2.0.0.135
  RTCOMDLL.dll                                       : 2.0.0.135
  RTEED64A.dll                                       : 6.1.6001.33
  RTEEG64A.dll                                       : 6.1.6001.33
  RTEEL64A.dll                                       : 6.1.6001.33
  RTEEP64A.dll                                       : 6.1.6001.33
  RtkApi64.dll                                       : 1.0.0.21
  RtkAPO64.dll                                       : 11.0.6000.156
  RtkCfg.dll                                         : 1.0.0.1
  RtkCfg64.dll                                       : 1.0.0.2
  RtkGuiCompLib.dll                                  : 1.0.0.1
  RtlCPAPI.dll                                       : 1.0.2.4
  RtlCPAPI64.dll                                     : 1.0.2.4
  RtPgEx64.dll                                       : 6.0.6000.138
  SFAPO64.dll                                        : 3.0.0.8
  SFCOM.dll                                          : 3.0.0.8
  SFCOM64.dll                                        : 3.0.0.8
  SFComm64.dll                                       : 2.0.0.12
  SFDAPO64.dll                                       : 2.0.0.12
  SFHAPO64.dll                                       : 2.0.0.12
  SFNHK64.dll                                        : 3.0.0.8
  SFProc64.dll                                       : 2.0.0.12
  SFSAPO64.dll                                       : 2.0.0.12
  slcshp64.dll                                       : 1.0.3.0
  slgeq64.dll                                        : 1.0.1.0
  slh36064.dll                                       : 1.0.2.0
  slInit64.dll                                       : 1.1.3.0
  slmaxv64.dll                                       : 1.1.2.0
  sltshd64.dll                                       : 1.2.0.0
  sluapo64.dll                                       : 1.8.34.0
  SRSHP64.dll                                        : 1.1.0.0
  SRSTSH64.dll                                       : 1.1.4.0
  SRSTSX64.dll                                       : 3.2.0.0
  SRSWOW64.dll                                       : 1.1.3.0
  WavesGUILib.dll                                    : 1.0.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                        : 6.0.1.6121
  RtkAudioSrvATI.exe                                 : 1.0.0.23
  RtkUpd.exe                                         : 2.8.0.3
```

```
  RH3DAA32.dll                                        : 6.0.6001.18
  RH3DHT32.dll                                        : 6.0.6001.18
  RHCoInst.dll                                        : 1.0.8.6
  RHDMIExt.dll                                        : 6.0.6000.127
  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.151

  Vista/Win7 x64:
  RtHDMIVX.sys                                        : 6.0.1.6121
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.3
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.0.8.6
  RHDMEx64.dll                                        : 6.0.6000.127
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.151

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.6121
  Rtaupd.exe                                          : 2.8.0.3
  RHCoInstXP.dll                                      : 1.0.8.6

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.6121
  Rtaupd64.exe                                        : 2.8.0.3
  RHCoInst64XP.dll                                    : 1.0.8.6

  Driver Setup Program                                : 3.01

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.49
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
```

5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
1.) Driver :
1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :

RTKHDA64.sys	: 5.10.0.6132
RTKHDAUD.sys	: 5.10.0.6132
MicCal.exe	: 1.1.2.4
RTHDCPL.exe	: 2.3.5.5
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.8.0.3
RtlUpd.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.38
vncutil.exe	: 1.0.0.38
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
RTSndMgr.cpl	: 1.0.1.5
ALSndMgr.cpl	: 1.0.0.11
RCoInst64XP.dll	: 1.0.9.2
RTCOMDLL.dll	: 1.0.0.108
RtkCoInstXP.dll	: 1.0.9.2
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86

RTKVHDA.sys	: 6.0.1.6132
AERTSrv.exe	: 1.0.32.10
RtHDVBg.exe	: 1.0.0.26
RtHDVCpl.exe	: 1.0.0.530
RtkAudioService.exe	: 1.0.0.24
RtkNGUI.exe	: 1.0.0.48
RtlUpd.exe	: 2.8.0.3
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.38
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.19
AERTACap.dll	: 2.0.32.11
AERTARen.dll	: 1.0.32.9
BlackSkinImages.dll	: 1.0.0.48
DarkSkinImages.dll	: 1.0.0.48
DTSBassEnhancementDLL.dll	: 1.0.0.1
DTSBoostDLL.dll	: 1.0.0.1
DTSGainCompensatorDLL.dll	: 1.0.0.1
DTSGFXAPO.dll	: 1.0.0.1

DTSGFXAPONS.dll : 1.0.0.1
DTSLFXAPO.dll : 1.0.0.1
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 42.5.32.66
LightSkinImages.dll : 1.0.0.48
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.8.0
MaxxAudioAPO30.dll : 3.1.0.0
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.0.0.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.112
MBWrp32.dll : 1.0.0.160
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.134
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.152
RtkApoApi.dll : 1.0.0.21
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.9.2
RtkPgExt.dll : 6.0.6000.130
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.12
SFFXDAPO.dll : 2.0.0.12
SFFXHAPO.dll : 2.0.0.12
SFFXProc.dll : 2.0.0.12
SFFXSAPO.dll : 2.0.0.12
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.2.0.0
sluapo32.dll : 1.8.34.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesGUILib.dll : 1.0.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6132

AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.26
RAVCpl64.exe : 1.0.0.530
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 1.0.0.48
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.19
AERTAC64.dll : 2.0.64.11
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.48
DarkSkinImages64.dll : 1.0.0.48
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.1
DTSGFXAPONS64.dll : 1.0.0.1
DTSLFXAPO64.dll : 1.0.0.1
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.32.66
LightSkinImages64.dll : 1.0.0.48
MaxxAudioAPO20.dll : 2.2.8.0
MaxxAudioAPO30.dll : 3.1.0.0
MaxxAudioEQ.dll : 5.9.7.0
MaxxAudioRealtek.dll : 1.0.0.0
MaxxVolumeSDAPO.dll : 3.1.0.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.112
MBTHX64.dll : 1.0.15.112
MBWrp64.dll : 1.0.0.160
RCoInst64.dll : 1.0.9.2
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.134
RTCOMDLL.dll : 2.0.0.134
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.21
RtkAPO64.dll : 11.0.6000.152
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2

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  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.130
  SFComm64.dll                                          : 2.0.0.12
  SFDAPO64.dll                                          : 2.0.0.12
  SFHAPO64.dll                                          : 2.0.0.12
  SFProc64.dll                                          : 2.0.0.12
  SFSAPO64.dll                                          : 2.0.0.12
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.2.0.0
  sluapo64.dll                                          : 1.8.34.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  WavesGUILib.dll                                       : 1.0.0.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.6121
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.3
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.8.6
  RHDMIExt.dll                                          : 6.0.6000.127
  RTEED32H.dll                                          : 6.1.6001.33
  RTEEG32H.dll                                          : 6.1.6001.33
  RTEEL32H.dll                                          : 6.1.6001.33
  RTEEP32H.dll                                          : 6.1.6001.33
  RtkHDMI.dll                                           : 11.0.6000.151

  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.6121
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.3
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.8.6
  RHDMEx64.dll                                          : 6.0.6000.127
  RTEED64H.dll                                          : 6.1.6001.33
  RTEEG64H.dll                                          : 6.1.6001.33
  RTEEL64H.dll                                          : 6.1.6001.33
  RTEEP64H.dll                                          : 6.1.6001.33
  RtkHDM64.dll                                          : 11.0.6000.151

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.6121
  Rtaupd.exe                                            : 2.8.0.3
  RHCoInstXP.dll                                        : 1.0.8.6
```

```
  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.6121
  Rtaupd64.exe                                          : 2.8.0.3
  RHCoInst64XP.dll                                      : 1.0.8.6

  Driver Setup Program                                  : 2.99

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.48
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.6101
  RTKHDAUD.sys                                          : 5.10.0.6101
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.3
  RTHDCPL.exe                                           : 2.3.4.9
  RtkAudioService.exe                                   : 1.0.0.19
  RtkAudioService64.exe                                 : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd.exe                                            : 2.8.0.3
  RtlUpd64.exe                                          : 2.8.0.3
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil.exe                                           : 1.0.0.38
  vncutil64.exe                                         : 1.0.0.38
  AMBFilt.sys                                           : 5.10.0.4240
  AMBFt64.sys                                           : 5.10.0.4240
  Monfilt.sys                                           : 5.10.0.4112
  Monft64.sys                                           : 5.10.0.4115
  OAO17Afx.sys                                          : 1.0.7.3
  ALSndMgr.cpl                                          : 1.0.0.11
  RTSndMgr.cpl                                          : 1.0.1.4
```

```
  RCoInst64XP.dll                                    : 1.0.8.6
  RTCOMDLL.dll                                       : 1.0.0.107
  RtkCoInstXP.dll                                    : 1.0.8.6
  RtlCPAPI.dll                                       : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                        : 6.0.1.6101
  AERTSrv.exe                                        : 1.0.32.10
  RtHDVBg.exe                                        : 1.0.0.18
  RtHDVCpl.exe                                       : 1.0.0.513
  RtkAudioService.exe                                : 1.0.0.24
  RtkNGUI.exe                                        : 1.0.0.39
  RtlUpd.exe                                         : 2.8.0.3
  SkyTel.exe                                         : 2.0.2.2
  vncutil.exe                                        : 1.0.0.38
  mbfilt32.sys                                       : 6.10.0.8
  RTSndMgr.cpl                                       : 1.0.0.18
  AERTACap.dll                                       : 2.0.32.11
  AERTARen.dll                                       : 1.0.32.9
  BlackSkinImages.dll                                : 1.0.0.39
  DarkSkinImages.dll                                 : 1.0.0.39
  DTSBassEnhancementDLL.dll                          : 1.0.0.1
  DTSBoostDLL.dll                                    : 1.0.0.1
  DTSGainCompensatorDLL.dll                          : 1.0.0.1
  DTSGFXAPO.dll                                      : 1.0.0.1
  DTSGFXAPONS.dll                                    : 1.0.0.1
  DTSLFXAPO.dll                                      : 1.0.0.1
  DTSLimiterDLL.dll                                  : 1.0.0.1
  DTSNeoPCDLL.dll                                    : 1.0.0.1
  DTSS2HeadphoneDLL.dll                              : 1.0.0.1
  DTSS2SpeakerDLL.dll                                : 1.0.0.1
  DTSSymmetryDLL.dll                                 : 1.0.0.1
  DTSVoiceClarityDLL.dll                             : 1.0.0.1
  FMAPO.dll                                          : 42.5.32.66
  LightSkinImages.dll                                : 1.0.0.39
  MaxxAudioAPO.dll                                   : 1.2.2.0
  MaxxAudioAPO20.dll                                 : 2.2.8.0
  MaxxAudioAPO30.dll                                 : 3.1.0.0
  MaxxAudioEQ.dll                                    : 5.9.7.0
  MaxxAudioRealtek.dll                               : 1.0.0.0
  MaxxVolumeSDAPO.dll                                : 3.1.0.0
  MBAPO32.dll                                        : 1.0.19.0
  MBPPCn32.dll                                       : 1.0.0.110
  MBppld32.dll                                       : 1.0.22.0
  MBTHX32.dll                                        : 1.0.15.110
  MBWrp32.dll                                        : 1.0.0.110
  RP3DAA32.dll                                       : 6.0.6001.18
  RP3DHT32.dll                                       : 6.0.6001.18
  RTCOMDLL.dll                                       : 2.0.0.130
  RTEED32A.dll                                       : 6.1.6001.33
  RTEEG32A.dll                                       : 6.1.6001.33
  RTEEL32A.dll                                       : 6.1.6001.33
  RTEEP32A.dll                                       : 6.1.6001.33
  RtkAPO.dll                                         : 11.0.6000.149
```

RtkApoApi.dll : 1.0.0.21
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.8.7
RtkPgExt.dll : 6.0.6000.122
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.12
SFFXDAPO.dll : 2.0.0.12
SFFXHAPO.dll : 2.0.0.12
SFFXProc.dll : 2.0.0.12
SFFXSAPO.dll : 2.0.0.12
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.24.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesGUILib.dll : 1.0.0.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6101
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.18
RAVCpl64.exe : 1.0.0.513
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 1.0.0.39
RtlUpd64.exe : 2.8.0.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.18
AERTAC64.dll : 2.0.64.11
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.39
DarkSkinImages64.dll : 1.0.0.39
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.1
DTSGFXAPONS64.dll : 1.0.0.1
DTSLFXAPO64.dll : 1.0.0.1
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.32.66
LightSkinImages64.dll : 1.0.0.39

```
  MaxxAudioAPO20.dll                                 : 2.2.8.0
  MaxxAudioAPO30.dll                                 : 3.1.0.0
  MaxxAudioEQ.dll                                    : 5.9.7.0
  MaxxAudioRealtek.dll                               : 1.0.0.0
  MaxxVolumeSDAPO.dll                                : 3.1.0.0
  MBAPO32.dll                                        : 1.0.19.0
  MBAPO64.dll                                        : 1.0.19.0
  MBPPCn64.dll                                       : 1.0.0.110
  MBppld64.dll                                       : 1.0.22.0
  MBTHX32.dll                                        : 1.0.15.110
  MBTHX64.dll                                        : 1.0.15.110
  MBWrp64.dll                                        : 1.0.0.110
  RCoInst64.dll                                      : 1.0.8.7
  RP3DAA64.dll                                       : 6.0.6001.18
  RP3DHT64.dll                                       : 6.0.6001.18
  RtCOM64.dll                                        : 2.0.0.130
  RTCOMDLL.dll                                       : 2.0.0.130
  RTEED64A.dll                                       : 6.1.6001.33
  RTEEG64A.dll                                       : 6.1.6001.33
  RTEEL64A.dll                                       : 6.1.6001.33
  RTEEP64A.dll                                       : 6.1.6001.33
  RtkApi64.dll                                       : 1.0.0.21
  RtkAPO64.dll                                       : 11.0.6000.149
  RtkCfg.dll                                         : 1.0.0.1
  RtkCfg64.dll                                       : 1.0.0.2
  RtlCPAPI.dll                                       : 1.0.2.4
  RtlCPAPI64.dll                                     : 1.0.2.4
  RtPgEx64.dll                                       : 6.0.6000.122
  SFComm64.dll                                       : 2.0.0.12
  SFDAPO64.dll                                       : 2.0.0.12
  SFHAPO64.dll                                       : 2.0.0.12
  SFProc64.dll                                       : 2.0.0.12
  SFSAPO64.dll                                       : 2.0.0.12
  slcshp64.dll                                       : 1.0.3.0
  slgeq64.dll                                        : 1.0.1.0
  slh36064.dll                                       : 1.0.2.0
  slInit64.dll                                       : 1.1.3.0
  slmaxv64.dll                                       : 1.1.2.0
  sltshd64.dll                                       : 1.1.1.0
  sluapo64.dll                                       : 1.8.24.0
  SRSHP64.dll                                        : 1.1.0.0
  SRSTSH64.dll                                       : 1.1.4.0
  SRSTSX64.dll                                       : 3.2.0.0
  SRSWOW64.dll                                       : 1.1.3.0
  WavesGUILib.dll                                    : 1.0.0.0
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                        : 6.0.1.6034
  RtkAudioSrvATI.exe                                 : 1.0.0.23
  RtkUpd.exe                                         : 2.8.0.1
  RH3DAA32.dll                                       : 6.0.6001.18
  RH3DHT32.dll                                       : 6.0.6001.18
  RHCoInst.dll                                       : 1.0.8.2
  RHDMIExt.dll                                       : 6.0.6000.113
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  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.132

  Vista/Win7 x64:
  RtHDMIVX.sys                                        : 6.0.1.6034
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.1
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.0.8.2
  RHDMEx64.dll                                        : 6.0.6000.113
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.132

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.6034
  Rtaupd.exe                                          : 2.8.0.1
  RHCoInstXP.dll                                      : 1.0.8.2

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.6034
  Rtaupd64.exe                                        : 2.8.0.1
  RHCoInst64XP.dll                                    : 1.0.8.2

  Driver Setup Program                                : 2.99

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.47
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
```

```
Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                      : 5.10.0.6083
  RTKHDAUD.sys                                      : 5.10.0.6083
  MicCal.exe                                        : 1.1.2.3
  RTHDCPL.exe                                       : 2.3.4.7
  RtkAudioService64.exe                             : 1.0.0.19
  RtkAudioService.exe                               : 1.0.0.19
  RTLCPL.exe                                        : 1.0.1.66
  RtlUpd64.exe                                      : 2.8.0.1
  RtlUpd.exe                                        : 2.8.0.1
  SkyTel.exe                                        : 2.0.2.0
  SoundMan.exe                                      : 1.0.0.32
  vncutil64.exe                                     : 1.0.0.38
  vncutil.exe                                       : 1.0.0.38
  Alcmtr.exe                                        : 1.6.0.4
  AlcWzrd.exe                                       : 1.1.0.37
  AMBFilt.sys                                       : 5.10.0.4240
  AMBFt64.sys                                       : 5.10.0.4240
  Monfilt.sys                                       : 5.10.0.4112
  Monft64.sys                                       : 5.10.0.4115
  OAO17Afx.sys                                      : 1.0.7.3
  RTSndMgr.cpl                                      : 1.0.1.4
  ALSndMgr.cpl                                      : 1.0.0.11
  RCoInst64XP.dll                                   : 1.0.8.6
  RTCOMDLL.dll                                      : 1.0.0.107
  RtkCoInstXP.dll                                   : 1.0.8.6
  RtlCPAPI.dll                                      : 1.0.2.3
Vista/Win7 driver : ---------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                       : 6.0.1.6083
  AERTSrv.exe                                       : 1.0.32.10
  RtHDVBg.exe                                       : 1.0.0.13
  RtHDVCpl.exe                                      : 1.0.0.504
  RtkAudioService.exe                               : 1.0.0.24
  RtkNGUI.exe                                       : 1.0.0.38
  RtlUpd.exe                                        : 2.8.0.1
  SkyTel.exe                                        : 2.0.2.2
  vncutil.exe                                       : 1.0.0.38
  mbfilt32.sys                                      : 6.10.0.8
  RTSndMgr.cpl                                      : 1.0.0.18
  AERTACap.dll                                      : 2.0.32.11
  AERTARen.dll                                      : 1.0.32.9
  BlackSkinImages.dll                               : 1.0.0.38
  DarkSkinImages.dll                                : 1.0.0.38
  DTSBassEnhancementDLL.dll                         : 1.0.0.1
  DTSBoostDLL.dll                                   : 1.0.0.1
  DTSGainCompensatorDLL.dll                         : 1.0.0.1
  DTSGFXAPO.dll                                     : 1.0.0.1
  DTSGFXAPONS.dll                                   : 1.0.0.1
  DTSLFXAPO.dll                                     : 1.0.0.1
  DTSLimiterDLL.dll                                 : 1.0.0.1
  DTSNeoPCDLL.dll                                   : 1.0.0.1
```

DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 42.5.30.65
LightSkinImages.dll : 1.0.0.38
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.108
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.130
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.145
RtkApoApi.dll : 1.0.0.21
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.8.6
RtkPgExt.dll : 6.0.6000.120
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.12
SFFXDAPO.dll : 2.0.0.12
SFFXHAPO.dll : 2.0.0.12
SFFXProc.dll : 2.0.0.12
SFFXSAPO.dll : 2.0.0.12
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.24.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6083
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.13
RAVCpl64.exe : 1.0.0.504
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 1.0.0.38
RtlUpd64.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8

RTSnMg64.cpl : 1.0.0.18
AERTAC64.dll : 2.0.64.11
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.38
DarkSkinImages64.dll : 1.0.0.38
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.1
DTSGFXAPONS64.dll : 1.0.0.1
DTSLFXAPO64.dll : 1.0.0.1
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.30.65
LightSkinImages64.dll : 1.0.0.38
MaxxAudioAPO20.dll : 2.2.7.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.108
MBTHX64.dll : 1.0.15.108
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.8.6
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.130
RTCOMDLL.dll : 2.0.0.130
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.21
RtkAPO64.dll : 11.0.6000.145
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.120
SFComm64.dll : 2.0.0.12
SFDAPO64.dll : 2.0.0.12
SFHAPO64.dll : 2.0.0.12
SFProc64.dll : 2.0.0.12
SFSAPO64.dll : 2.0.0.12
slcshp64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.1.2.0

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  sltshd64.dll                                        : 1.1.1.0
  sluapo64.dll                                        : 1.8.24.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
  WavesGUILib.dll                                     : 1.2.3.4
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                         : 6.0.1.6034
  RtkAudioSrvATI.exe                                  : 1.0.0.23
  RtkUpd.exe                                          : 2.8.0.1
  RH3DAA32.dll                                        : 6.0.6001.18
  RH3DHT32.dll                                        : 6.0.6001.18
  RHCoInst.dll                                        : 1.0.8.2
  RHDMIExt.dll                                        : 6.0.6000.113
  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.132

  Vista/Win7 x64:
  RtHDMIVX.sys                                        : 6.0.1.6034
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.1
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.0.8.2
  RHDMEx64.dll                                        : 6.0.6000.113
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.132

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.6034
  Rtaupd.exe                                          : 2.8.0.1
  RHCoInstXP.dll                                      : 1.0.8.2

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.6034
  Rtaupd64.exe                                        : 2.8.0.1
  RHCoInst64XP.dll                                    : 1.0.8.2

  Driver Setup Program                                : 2.97

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

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Driver Package R2.46

Realtek HD Audio Driver support all of Realtek HD Audio Codec .

1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888, ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886, ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
3. HDMI Device WHQL Support: ATI HDMI Devices
4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
    1.) Driver :
        1. Customizations.
        2. Fix BSOD issue under Windows 2000. (Issue happened from driver V6066).

Windows 2000/XP : ----------

Windows 2000/XP :

RTKHDA64.sys	: 5.10.0.6077
RTKHDAUD.sys	: 5.10.0.6077
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.3
RTHDCPL.exe	: 2.3.4.6
RtkAudioService.exe	: 1.0.0.19
RtkAudioService64.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd.exe	: 2.8.0.1
RtlUpd64.exe	: 2.8.0.1
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil.exe	: 1.0.0.38
vncutil64.exe	: 1.0.0.38
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.4
RCoInst64XP.dll	: 1.0.8.6
RTCOMDLL.dll	: 1.0.0.107
RtkCoInstXP.dll	: 1.0.8.6
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86

RTKVHDA.sys	: 6.0.1.6077
AERTSrv.exe	: 1.0.32.10
RtHDVBg.exe	: 1.0.0.9
RtHDVCpl.exe	: 1.0.0.501
RtkAudioService.exe	: 1.0.0.24

RtkNGUI.exe : 1.0.0.35
RtlUpd.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil.exe : 1.0.0.38
mbfilt32.sys : 6.10.0.8
RTSndMgr.cpl : 1.0.0.18
AERTACap.dll : 2.0.32.11
AERTARen.dll : 1.0.32.9
BlackSkinImages.dll : 1.0.0.35
DarkSkinImages.dll : 1.0.0.35
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.1
DTSGFXAPONS.dll : 1.0.0.1
DTSLFXAPO.dll : 1.0.0.1
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 42.5.29.67
LightSkinImages.dll : 1.0.0.35
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.108
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.130
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.144
RtkApoApi.dll : 1.0.0.20
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.8.6
RtkPgExt.dll : 6.0.6000.119
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.12
SFFXDAPO.dll : 2.0.0.12
SFFXHAPO.dll : 2.0.0.12
SFFXProc.dll : 2.0.0.12
SFFXSAPO.dll : 2.0.0.12
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0

slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.24.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6077
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.9
RAVCpl64.exe : 1.0.0.501
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 1.0.0.35
RtlUpd64.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.18
AERTAC64.dll : 2.0.64.11
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.35
DarkSkinImages64.dll : 1.0.0.35
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.1
DTSGFXAPONS64.dll : 1.0.0.1
DTSLFXAPO64.dll : 1.0.0.1
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.29.67
LightSkinImages64.dll : 1.0.0.35
MaxxAudioAPO20.dll : 2.2.7.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.108
MBTHX64.dll : 1.0.15.108
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.8.6
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.130
RTCOMDLL.dll : 2.0.0.130
RTEED64A.dll : 6.1.6001.33

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  RTEEG64A.dll                                          : 6.1.6001.33
  RTEEL64A.dll                                          : 6.1.6001.33
  RTEEP64A.dll                                          : 6.1.6001.33
  RtkApi64.dll                                          : 1.0.0.20
  RtkAPO64.dll                                          : 11.0.6000.144
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.2
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.119
  SFComm64.dll                                          : 2.0.0.12
  SFDAPO64.dll                                          : 2.0.0.12
  SFHAPO64.dll                                          : 2.0.0.12
  SFProc64.dll                                          : 2.0.0.12
  SFSAPO64.dll                                          : 2.0.0.12
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.8.24.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  WavesGUILib.dll                                       : 1.2.3.4
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.6034
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.1
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.8.2
  RHDMIExt.dll                                          : 6.0.6000.113
  RTEED32H.dll                                          : 6.1.6001.33
  RTEEG32H.dll                                          : 6.1.6001.33
  RTEEL32H.dll                                          : 6.1.6001.33
  RTEEP32H.dll                                          : 6.1.6001.33
  RtkHDMI.dll                                           : 11.0.6000.132

  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.6034
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.1
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.8.2
  RHDMEx64.dll                                          : 6.0.6000.113
  RTEED64H.dll                                          : 6.1.6001.33
  RTEEG64H.dll                                          : 6.1.6001.33
  RTEEL64H.dll                                          : 6.1.6001.33
  RTEEP64H.dll                                          : 6.1.6001.33
```

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  RtkHDM64.dll                                          : 11.0.6000.132

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.6034
  Rtaupd.exe                                            : 2.8.0.1
  RHCoInstXP.dll                                        : 1.0.8.2

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.6034
  Rtaupd64.exe                                          : 2.8.0.1
  RHCoInst64XP.dll                                      : 1.0.8.2

  Driver Setup Program                                  : 2.97

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.45
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.6069
  RTKHDAUD.sys                                          : 5.10.0.6069
  MicCal.exe                                            : 1.1.2.3
  RTHDCPL.exe                                           : 2.3.4.2
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.1
  RtlUpd.exe                                            : 2.8.0.1
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.38
  vncutil.exe                                           : 1.0.0.38
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
```

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  Monfilt.sys                                          : 5.10.0.4112
  Monft64.sys                                          : 5.10.0.4115
  OAO17Afx.sys                                         : 1.0.7.3
  AMBFilt.sys                                          : 5.10.0.4240
  AMBFt64.sys                                          : 5.10.0.4240
  RTSndMgr.cpl                                         : 1.0.1.4
  ALSndMgr.cpl                                         : 1.0.0.11
  RCoInst64XP.dll                                      : 1.0.8.6
  RTCOMDLL.dll                                         : 1.0.0.107
  RtkCoInstXP.dll                                      : 1.0.8.6
  RtlCPAPI.dll                                         : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                          : 6.0.1.6069
  AERTSrv.exe                                          : 1.0.32.10
  RtHDVBg.exe                                          : 1.0.0.9
  RtHDVCpl.exe                                         : 1.0.0.500
  RtkAudioService.exe                                  : 1.0.0.24
  RtkNGUI.exe                                          : 1.0.0.31
  RtlUpd.exe                                           : 2.8.0.1
  SkyTel.exe                                           : 2.0.2.2
  vncutil.exe                                          : 1.0.0.38
  mbfilt32.sys                                         : 6.10.0.8
  RTSndMgr.cpl                                         : 1.0.0.18
  AERTACap.dll                                         : 2.0.32.11
  AERTARen.dll                                         : 1.0.32.9
  BlackSkinImages.dll                                  : 1.0.0.31
  DarkSkinImages.dll                                   : 1.0.0.31
  DTSBassEnhancementDLL.dll                            : 1.0.0.1
  DTSBoostDLL.dll                                      : 1.0.0.1
  DTSGainCompensatorDLL.dll                            : 1.0.0.1
  DTSGFXAPO.dll                                        : 1.0.0.1
  DTSGFXAPONS.dll                                      : 1.0.0.1
  DTSLFXAPO.dll                                        : 1.0.0.1
  DTSLimiterDLL.dll                                    : 1.0.0.1
  DTSNeoPCDLL.dll                                      : 1.0.0.1
  DTSS2HeadphoneDLL.dll                                : 1.0.0.1
  DTSS2SpeakerDLL.dll                                  : 1.0.0.1
  DTSSymmetryDLL.dll                                   : 1.0.0.1
  DTSVoiceClarityDLL.dll                               : 1.0.0.1
  FMAPO.dll                                            : 42.5.29.67
  LightSkinImages.dll                                  : 1.0.0.31
  MaxxAudioAPO.dll                                     : 1.2.2.0
  MaxxAudioAPO20.dll                                   : 2.2.6.0
  MaxxAudioEQ.dll                                      : 5.9.7.0
  MBAPO32.dll                                          : 1.0.19.0
  MBPPCn32.dll                                         : 1.0.0.110
  MBppld32.dll                                         : 1.0.22.0
  MBTHX32.dll                                          : 1.0.15.108
  MBWrp32.dll                                          : 1.0.0.110
  RP3DAA32.dll                                         : 6.0.6001.18
  RP3DHT32.dll                                         : 6.0.6001.18
  RTCOMDLL.dll                                         : 2.0.0.129
  RTEED32A.dll                                         : 6.1.6001.33
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RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.144
RtkApoApi.dll : 1.0.0.20
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.8.6
RtkPgExt.dll : 6.0.6000.119
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.12
SFFXDAPO.dll : 2.0.0.12
SFFXHAPO.dll : 2.0.0.12
SFFXProc.dll : 2.0.0.12
SFFXSAPO.dll : 2.0.0.12
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.24.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6069
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.9
RAVCpl64.exe : 1.0.0.500
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 1.0.0.31
RtlUpd64.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.18
AERTAC64.dll : 2.0.64.11
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.31
DarkSkinImages64.dll : 1.0.0.31
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.1
DTSGFXAPONS64.dll : 1.0.0.1
DTSLFXAPO64.dll : 1.0.0.1
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1

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  DTSVoiceClarityDLL64.dll                                : 1.0.0.1
  FMAPO64.dll                                             : 42.6.29.67
  LightSkinImages64.dll                                   : 1.0.0.31
  MaxxAudioAPO20.dll                                      : 2.2.7.0
  MaxxAudioEQ.dll                                         : 5.9.7.0
  MBAPO32.dll                                             : 1.0.19.0
  MBAPO64.dll                                             : 1.0.19.0
  MBPPCn64.dll                                            : 1.0.0.110
  MBppld64.dll                                            : 1.0.22.0
  MBTHX32.dll                                             : 1.0.15.108
  MBTHX64.dll                                             : 1.0.15.108
  MBWrp64.dll                                             : 1.0.0.110
  RCoInst64.dll                                           : 1.0.8.6
  RP3DAA64.dll                                            : 6.0.6001.18
  RP3DHT64.dll                                            : 6.0.6001.18
  RtCOM64.dll                                             : 2.0.0.129
  RTCOMDLL.dll                                            : 2.0.0.129
  RTEED64A.dll                                            : 6.1.6001.33
  RTEEG64A.dll                                            : 6.1.6001.33
  RTEEL64A.dll                                            : 6.1.6001.33
  RTEEP64A.dll                                            : 6.1.6001.33
  RtkApi64.dll                                            : 1.0.0.20
  RtkAPO64.dll                                            : 11.0.6000.144
  RtkCfg.dll                                              : 1.0.0.1
  RtkCfg64.dll                                            : 1.0.0.2
  RtlCPAPI.dll                                            : 1.0.2.4
  RtlCPAPI64.dll                                          : 1.0.2.4
  RtPgEx64.dll                                            : 6.0.6000.119
  SFComm64.dll                                            : 2.0.0.12
  SFDAPO64.dll                                            : 2.0.0.12
  SFHAPO64.dll                                            : 2.0.0.12
  SFProc64.dll                                            : 2.0.0.12
  SFSAPO64.dll                                            : 2.0.0.12
  slcshp64.dll                                            : 1.0.3.0
  slgeq64.dll                                             : 1.0.1.0
  slh36064.dll                                            : 1.0.2.0
  slInit64.dll                                            : 1.1.3.0
  slmaxv64.dll                                            : 1.1.2.0
  sltshd64.dll                                            : 1.1.1.0
  sluapo64.dll                                            : 1.8.24.0
  SRSHP64.dll                                             : 1.1.0.0
  SRSTSH64.dll                                            : 1.1.4.0
  SRSTSX64.dll                                            : 3.2.0.0
  SRSWOW64.dll                                            : 1.1.3.0
  WavesGUILib.dll                                         : 1.2.3.4
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                             : 6.0.1.6034
  RtkAudioSrvATI.exe                                      : 1.0.0.23
  RtkUpd.exe                                              : 2.8.0.1
  RH3DAA32.dll                                            : 6.0.6001.18
  RH3DHT32.dll                                            : 6.0.6001.18
  RHCoInst.dll                                            : 1.0.8.2
  RHDMIExt.dll                                            : 6.0.6000.113
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  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.132

  Vista/Win7 x64:
  RtHDMIVX.sys                                        : 6.0.1.6034
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.1
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.0.8.2
  RHDMEx64.dll                                        : 6.0.6000.113
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.132

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.6034
  Rtaupd.exe                                          : 2.8.0.1
  RHCoInstXP.dll                                      : 1.0.8.2

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.6034
  Rtaupd64.exe                                        : 2.8.0.1
  RHCoInst64XP.dll                                    : 1.0.8.2

  Driver Setup Program                                : 2.96

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.44
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
```

```
Windows 2000/XP : ---------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                    : 5.10.0.6066
  RTKHDAUD.sys                                    : 5.10.0.6066
  MicCal.exe                                      : 1.1.2.3
  RTHDCPL.exe                                     : 2.3.4.0
  RtkAudioService64.exe                           : 1.0.0.19
  RtkAudioService.exe                             : 1.0.0.19
  RTLCPL.exe                                      : 1.0.1.66
  RtlUpd64.exe                                    : 2.8.0.1
  RtlUpd.exe                                      : 2.8.0.1
  SkyTel.exe                                      : 2.0.2.0
  SoundMan.exe                                    : 1.0.0.32
  vncutil64.exe                                   : 1.0.0.38
  vncutil.exe                                     : 1.0.0.38
  Alcmtr.exe                                      : 1.6.0.4
  AlcWzrd.exe                                     : 1.1.0.37
  AMBFt64.sys                                     : 5.10.0.4240
  Monfilt.sys                                     : 5.10.0.4112
  Monft64.sys                                     : 5.10.0.4115
  OAO17Afx.sys                                    : 1.0.7.3
  AMBFilt.sys                                     : 5.10.0.4240
  RTSndMgr.cpl                                    : 1.0.1.4
  ALSndMgr.cpl                                    : 1.0.0.11
  RCoInst64XP.dll                                 : 1.0.8.6
  RTCOMDLL.dll                                    : 1.0.0.107
  RtkCoInstXP.dll                                 : 1.0.8.6
  RtlCPAPI.dll                                    : 1.0.2.3
Vista/Win7 driver : -------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                     : 6.0.1.6066
  AERTSrv.exe                                     : 1.0.32.10
  RtHDVBg.exe                                     : 1.0.0.9
  RtHDVCpl.exe                                    : 1.0.0.499
  RtkAudioService.exe                             : 1.0.0.24
  RtkNGUI.exe                                     : 1.0.0.29
  RtlUpd.exe                                      : 2.8.0.1
  SkyTel.exe                                      : 2.0.2.2
  vncutil.exe                                     : 1.0.0.38
  mbfilt32.sys                                    : 6.10.0.8
  RTSndMgr.cpl                                    : 1.0.0.18
  AERTACap.dll                                    : 2.0.32.11
  AERTARen.dll                                    : 1.0.32.9
  BlackSkinImages.dll                             : 1.0.0.29
  DarkSkinImages.dll                              : 1.0.0.29
  DTSBassEnhancementDLL.dll                       : 1.0.0.1
  DTSBoostDLL.dll                                 : 1.0.0.1
  DTSGainCompensatorDLL.dll                       : 1.0.0.1
  DTSGFXAPO.dll                                   : 1.0.0.1
  DTSGFXAPONS.dll                                 : 1.0.0.1
  DTSLFXAPO.dll                                   : 1.0.0.1
  DTSLimiterDLL.dll                               : 1.0.0.1
  DTSNeoPCDLL.dll                                 : 1.0.0.1
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DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 42.5.28.65
LightSkinImages.dll : 1.0.0.29
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.108
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.128
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.142
RtkApoApi.dll : 1.0.0.20
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.8.6
RtkPgExt.dll : 6.0.6000.119
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.12
SFFXDAPO.dll : 2.0.0.12
SFFXHAPO.dll : 2.0.0.12
SFFXProc.dll : 2.0.0.12
SFFXSAPO.dll : 2.0.0.12
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.24.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6066
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.9
RAVCpl64.exe : 1.0.0.499
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 1.0.0.29
RtlUpd64.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38

GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.18
AERTAC64.dll : 2.0.64.11
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 1.0.0.29
DarkSkinImages64.dll : 1.0.0.29
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.1
DTSGFXAPONS64.dll : 1.0.0.1
DTSLFXAPO64.dll : 1.0.0.1
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.28.65
LightSkinImages64.dll : 1.0.0.29
MaxxAudioAPO20.dll : 2.2.7.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.108
MBTHX64.dll : 1.0.15.108
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.8.6
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.128
RTCOMDLL.dll : 2.0.0.128
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.20
RtkAPO64.dll : 11.0.6000.142
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.119
SFComm64.dll : 2.0.0.12
SFDAPO64.dll : 2.0.0.12
SFHAPO64.dll : 2.0.0.12
SFProc64.dll : 2.0.0.12
SFSAPO64.dll : 2.0.0.12
slcshp64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0

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  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.8.24.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  WavesGUILib.dll                                       : 1.2.3.4
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.6034
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.1
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.8.2
  RHDMIExt.dll                                          : 6.0.6000.113
  RTEED32H.dll                                          : 6.1.6001.33
  RTEEG32H.dll                                          : 6.1.6001.33
  RTEEL32H.dll                                          : 6.1.6001.33
  RTEEP32H.dll                                          : 6.1.6001.33
  RtkHDMI.dll                                           : 11.0.6000.132

  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.6034
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.1
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.8.2
  RHDMEx64.dll                                          : 6.0.6000.113
  RTEED64H.dll                                          : 6.1.6001.33
  RTEEG64H.dll                                          : 6.1.6001.33
  RTEEL64H.dll                                          : 6.1.6001.33
  RTEEP64H.dll                                          : 6.1.6001.33
  RtkHDM64.dll                                          : 11.0.6000.132

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.6034
  Rtaupd.exe                                            : 2.8.0.1
  RHCoInstXP.dll                                        : 1.0.8.2

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.6034
  Rtaupd64.exe                                          : 2.8.0.1
  RHCoInst64XP.dll                                      : 1.0.8.2

  Driver Setup Program                                  : 2.96

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
```

//=================
Driver Package R2.43
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888, ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886, ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : --
  Windows 2000/XP :
  RTKHDA64.sys   : 5.10.0.6050
  RTKHDAUD.sys   : 5.10.0.6050
  MicCal.exe   : 1.1.2.3
  RTHDCPL.exe   : 2.3.3.8
  RtkAudioService64.exe   : 1.0.0.19
  RtkAudioService.exe   : 1.0.0.19
  RTLCPL.exe   : 1.0.1.66
  RtlUpd64.exe   : 2.8.0.1
  RtlUpd.exe   : 2.8.0.1
  SkyTel.exe   : 2.0.2.0
  SoundMan.exe   : 1.0.0.32
  vncutil64.exe   : 1.0.0.38
  vncutil.exe   : 1.0.0.38
  Alcmtr.exe   : 1.6.0.4
  AlcWzrd.exe   : 1.1.0.37
  Monfilt.sys   : 5.10.0.4112
  Monft64.sys   : 5.10.0.4115
  OAO17Afx.sys   : 1.0.7.3
  AMBFilt.sys   : 5.10.0.4240
  AMBFt64.sys   : 5.10.0.4240
  RTSndMgr.cpl   : 1.0.1.4
  ALSndMgr.cpl   : 1.0.0.11
  RCoInst64XP.dll   : 1.0.8.4
  RTCOMDLL.dll   : 1.0.0.106
  RtkCoInstXP.dll   : 1.0.8.4
  RtlCPAPI.dll   : 1.0.2.3
Vista/Win7 driver : ---
  Vista/Win7 driver for x86
  RTKVHDA.sys   : 6.0.1.6050
  AERTSrv.exe   : 1.0.32.10
  RtHDVBg.exe   : 1.0.0.8
  RtHDVCpl.exe   : 1.0.0.489
  RtkAudioService.exe   : 1.0.0.24

RtkNGUI.exe : 0.0.0.25
RtlUpd.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil.exe : 1.0.0.38
mbfilt32.sys : 6.10.0.8
RTSndMgr.cpl : 1.0.0.18
AERTACap.dll : 2.0.32.11
AERTARen.dll : 1.0.32.9
BlackSkinImages.dll : 0.0.0.25
DarkSkinImages.dll : 0.0.0.25
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.1
DTSGFXAPONS.dll : 1.0.0.1
DTSLFXAPO.dll : 1.0.0.1
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 42.5.26.65
LightSkinImages.dll : 0.0.0.25
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.106
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.128
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.137
RtkApoApi.dll : 1.0.0.20
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.8.4
RtkPgExt.dll : 6.0.6000.116
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.9
SFFXDAPO.dll : 2.0.0.9
SFFXHAPO.dll : 2.0.0.9
SFFXProc.dll : 2.0.0.9
SFFXSAPO.dll : 2.0.0.9
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0

slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.24.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6050
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.8
RAVCpl64.exe : 1.0.0.489
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 0.0.0.25
RtlUpd64.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.18
AERTAC64.dll : 2.0.64.11
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 0.0.0.25
DarkSkinImages64.dll : 0.0.0.25
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.1
DTSGFXAPONS64.dll : 1.0.0.1
DTSLFXAPO64.dll : 1.0.0.1
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.26.65
LightSkinImages64.dll : 0.0.0.25
MaxxAudioAPO20.dll : 2.2.7.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.106
MBTHX64.dll : 1.0.15.106
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.8.4
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.128
RTCOMDLL.dll : 2.0.0.128
RTEED64A.dll : 6.1.6001.33

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  RTEEG64A.dll                                          : 6.1.6001.33
  RTEEL64A.dll                                          : 6.1.6001.33
  RTEEP64A.dll                                          : 6.1.6001.33
  RtkApi64.dll                                          : 1.0.0.20
  RtkAPO64.dll                                          : 11.0.6000.137
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.2
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.116
  SFComm64.dll                                          : 2.0.0.9
  SFDAPO64.dll                                          : 2.0.0.9
  SFHAPO64.dll                                          : 2.0.0.9
  SFProc64.dll                                          : 2.0.0.9
  SFSAPO64.dll                                          : 2.0.0.9
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.8.24.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  WavesGUILib.dll                                       : 1.2.3.4
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.6034
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.1
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.8.2
  RHDMIExt.dll                                          : 6.0.6000.113
  RTEED32H.dll                                          : 6.1.6001.33
  RTEEG32H.dll                                          : 6.1.6001.33
  RTEEL32H.dll                                          : 6.1.6001.33
  RTEEP32H.dll                                          : 6.1.6001.33
  RtkHDMI.dll                                           : 11.0.6000.132

  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.6034
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.1
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.8.2
  RHDMEx64.dll                                          : 6.0.6000.113
  RTEED64H.dll                                          : 6.1.6001.33
  RTEEG64H.dll                                          : 6.1.6001.33
  RTEEL64H.dll                                          : 6.1.6001.33
  RTEEP64H.dll                                          : 6.1.6001.33
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  RtkHDM64.dll                                          : 11.0.6000.132

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.6034
  Rtaupd.exe                                            : 2.8.0.1
  RHCoInstXP.dll                                        : 1.0.8.2

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.6034
  Rtaupd64.exe                                          : 2.8.0.1
  RHCoInst64XP.dll                                      : 1.0.8.2

  Driver Setup Program                                  : 2.95

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.42
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.6043
  RTKHDAUD.sys                                          : 5.10.0.6043
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.3
  RTHDCPL.exe                                           : 2.3.3.6
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.1
  RtlUpd.exe                                            : 2.8.0.1
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.38
  vncutil.exe                                           : 1.0.0.38
```

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  AMBFilt.sys                                          : 5.10.0.4240
  AMBFt64.sys                                          : 5.10.0.4240
  Monfilt.sys                                          : 5.10.0.4112
  Monft64.sys                                          : 5.10.0.4115
  OAO17Afx.sys                                         : 1.0.7.3
  ALSndMgr.cpl                                         : 1.0.0.11
  RTSndMgr.cpl                                         : 1.0.1.4
  RCoInst64XP.dll                                      : 1.0.8.2
  RTCOMDLL.dll                                         : 1.0.0.105
  RtkCoInstXP.dll                                      : 1.0.8.2
  RtlCPAPI.dll                                         : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                          : 6.0.1.6043
  AERTSrv.exe                                          : 1.0.32.10
  RtHDVBg.exe                                          : 1.0.0.8
  RtHDVCpl.exe                                         : 1.0.0.484
  RtkAudioService.exe                                  : 1.0.0.24
  RtkNGUI.exe                                          : 0.0.0.24
  RtlUpd.exe                                           : 2.8.0.1
  SkyTel.exe                                           : 2.0.2.2
  vncutil.exe                                          : 1.0.0.38
  mbfilt32.sys                                         : 6.10.0.8
  RTSndMgr.cpl                                         : 1.0.0.18
  AERTACap.dll                                         : 2.0.32.11
  AERTARen.dll                                         : 1.0.32.9
  BlackSkinImages.dll                                  : 0.0.0.24
  DarkSkinImages.dll                                   : 0.0.0.24
  DTSBassEnhancementDLL.dll                            : 1.0.0.1
  DTSBoostDLL.dll                                      : 1.0.0.1
  DTSGainCompensatorDLL.dll                            : 1.0.0.1
  DTSGFXAPO.dll                                        : 1.0.0.1
  DTSGFXAPONS.dll                                      : 1.0.0.1
  DTSLFXAPO.dll                                        : 1.0.0.1
  DTSLimiterDLL.dll                                    : 1.0.0.1
  DTSNeoPCDLL.dll                                      : 1.0.0.1
  DTSS2HeadphoneDLL.dll                                : 1.0.0.1
  DTSS2SpeakerDLL.dll                                  : 1.0.0.1
  DTSSymmetryDLL.dll                                   : 1.0.0.1
  DTSVoiceClarityDLL.dll                               : 1.0.0.1
  FMAPO.dll                                            : 42.5.26.65
  LightSkinImages.dll                                  : 0.0.0.24
  MaxxAudioAPO.dll                                     : 1.2.2.0
  MaxxAudioAPO20.dll                                   : 2.2.6.0
  MaxxAudioEQ.dll                                      : 5.9.7.0
  MBAPO32.dll                                          : 1.0.19.0
  MBPPCn32.dll                                         : 1.0.0.110
  MBppld32.dll                                         : 1.0.22.0
  MBTHX32.dll                                          : 1.0.15.106
  MBWrp32.dll                                          : 1.0.0.110
  RP3DAA32.dll                                         : 6.0.6001.18
  RP3DHT32.dll                                         : 6.0.6001.18
  RTCOMDLL.dll                                         : 2.0.0.127
  RTEED32A.dll                                         : 6.1.6001.33
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RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.134
RtkApoApi.dll : 1.0.0.20
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.8.4
RtkPgExt.dll : 6.0.6000.114
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.9
SFFXDAPO.dll : 2.0.0.9
SFFXHAPO.dll : 2.0.0.9
SFFXProc.dll : 2.0.0.9
SFFXSAPO.dll : 2.0.0.9
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.24.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6043
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.8
RAVCpl64.exe : 1.0.0.484
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 0.0.0.24
RtlUpd64.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.18
AERTAC64.dll : 2.0.64.11
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 0.0.0.24
DarkSkinImages64.dll : 0.0.0.24
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.1
DTSGFXAPONS64.dll : 1.0.0.1
DTSLFXAPO64.dll : 1.0.0.1
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1

```
  DTSVoiceClarityDLL64.dll                                : 1.0.0.1
  FMAPO64.dll                                             : 42.6.26.65
  LightSkinImages64.dll                                   : 0.0.0.24
  MaxxAudioAPO20.dll                                      : 2.2.7.0
  MaxxAudioEQ.dll                                         : 5.9.7.0
  MBAPO32.dll                                             : 1.0.19.0
  MBAPO64.dll                                             : 1.0.19.0
  MBPPCn64.dll                                            : 1.0.0.110
  MBppld64.dll                                            : 1.0.22.0
  MBTHX32.dll                                             : 1.0.15.106
  MBTHX64.dll                                             : 1.0.15.106
  MBWrp64.dll                                             : 1.0.0.110
  RCoInst64.dll                                           : 1.0.8.4
  RP3DAA64.dll                                            : 6.0.6001.18
  RP3DHT64.dll                                            : 6.0.6001.18
  RtCOM64.dll                                             : 2.0.0.127
  RTCOMDLL.dll                                            : 2.0.0.127
  RTEED64A.dll                                            : 6.1.6001.33
  RTEEG64A.dll                                            : 6.1.6001.33
  RTEEL64A.dll                                            : 6.1.6001.33
  RTEEP64A.dll                                            : 6.1.6001.33
  RtkApi64.dll                                            : 1.0.0.20
  RtkAPO64.dll                                            : 11.0.6000.134
  RtkCfg.dll                                              : 1.0.0.1
  RtkCfg64.dll                                            : 1.0.0.2
  RtlCPAPI.dll                                            : 1.0.2.4
  RtlCPAPI64.dll                                          : 1.0.2.4
  RtPgEx64.dll                                            : 6.0.6000.114
  SFComm64.dll                                            : 2.0.0.9
  SFDAPO64.dll                                            : 2.0.0.9
  SFHAPO64.dll                                            : 2.0.0.9
  SFProc64.dll                                            : 2.0.0.9
  SFSAPO64.dll                                            : 2.0.0.9
  slcshp64.dll                                            : 1.0.3.0
  slgeq64.dll                                             : 1.0.1.0
  slh36064.dll                                            : 1.0.2.0
  slInit64.dll                                            : 1.1.3.0
  slmaxv64.dll                                            : 1.1.2.0
  sltshd64.dll                                            : 1.1.1.0
  sluapo64.dll                                            : 1.8.24.0
  SRSHP64.dll                                             : 1.1.0.0
  SRSTSH64.dll                                            : 1.1.4.0
  SRSTSX64.dll                                            : 3.2.0.0
  SRSWOW64.dll                                            : 1.1.3.0
  WavesGUILib.dll                                         : 1.2.3.4
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                             : 6.0.1.6034
  RtkAudioSrvATI.exe                                      : 1.0.0.23
  RtkUpd.exe                                              : 2.8.0.1
  RH3DAA32.dll                                            : 6.0.6001.18
  RH3DHT32.dll                                            : 6.0.6001.18
  RHCoInst.dll                                            : 1.0.8.2
  RHDMIExt.dll                                            : 6.0.6000.113
```

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  RTEED32H.dll                                        : 6.1.6001.33
  RTEEG32H.dll                                        : 6.1.6001.33
  RTEEL32H.dll                                        : 6.1.6001.33
  RTEEP32H.dll                                        : 6.1.6001.33
  RtkHDMI.dll                                         : 11.0.6000.132

  Vista/Win7 x64:
  RtHDMIVX.sys                                        : 6.0.1.6034
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.1
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.0.8.2
  RHDMEx64.dll                                        : 6.0.6000.113
  RTEED64H.dll                                        : 6.1.6001.33
  RTEEG64H.dll                                        : 6.1.6001.33
  RTEEL64H.dll                                        : 6.1.6001.33
  RTEEP64H.dll                                        : 6.1.6001.33
  RtkHDM64.dll                                        : 11.0.6000.132

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.6034
  Rtaupd.exe                                          : 2.8.0.1
  RHCoInstXP.dll                                      : 1.0.8.2

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.6034
  Rtaupd64.exe                                        : 2.8.0.1
  RHCoInst64XP.dll                                    : 1.0.8.2

  Driver Setup Program                                : 2.94

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.41
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275, ALC680
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
```

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Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                      : 5.10.0.6029
  RTKHDAUD.sys                                      : 5.10.0.6029
  Alcmtr.exe                                        : 1.6.0.4
  AlcWzrd.exe                                       : 1.1.0.37
  MicCal.exe                                        : 1.1.2.3
  RTHDCPL.exe                                       : 2.3.3.2
  RtkAudioService.exe                               : 1.0.0.19
  RtkAudioService64.exe                             : 1.0.0.19
  RTLCPL.exe                                        : 1.0.1.66
  RtlUpd.exe                                        : 2.8.0.1
  RtlUpd64.exe                                      : 2.8.0.1
  SkyTel.exe                                        : 2.0.2.0
  SoundMan.exe                                      : 1.0.0.32
  vncutil.exe                                       : 1.0.0.38
  vncutil64.exe                                     : 1.0.0.38
  AMBFilt.sys                                       : 5.10.0.4240
  AMBFt64.sys                                       : 5.10.0.4240
  Monfilt.sys                                       : 5.10.0.4112
  Monft64.sys                                       : 5.10.0.4115
  OAO17Afx.sys                                      : 1.0.7.3
  ALSndMgr.cpl                                      : 1.0.0.11
  RTSndMgr.cpl                                      : 1.0.1.4
  RCoInst64XP.dll                                   : 1.0.8.2
  RTCOMDLL.dll                                      : 1.0.0.104
  RtkCoInstXP.dll                                   : 1.0.8.2
  RtlCPAPI.dll                                      : 1.0.2.3
Vista/Win7 driver : ----------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                       : 6.0.1.6029
  AERTSrv.exe                                       : 1.0.32.10
  RtHDVBg.exe                                       : 1.0.0.8
  RtHDVCpl.exe                                      : 1.0.0.477
  RtkAudioService.exe                               : 1.0.0.24
  RtkNGUI.exe                                       : 0.0.0.22
  RtlUpd.exe                                        : 2.8.0.1
  SkyTel.exe                                        : 2.0.2.2
  vncutil.exe                                       : 1.0.0.38
  mbfilt32.sys                                      : 6.10.0.8
  RTSndMgr.cpl                                      : 1.0.0.18
  AERTACap.dll                                      : 2.0.32.9
  AERTARen.dll                                      : 1.0.32.9
  BlackSkinImages.dll                               : 0.0.0.22
  DarkSkinImages.dll                                : 0.0.0.22
  DTSBassEnhancementDLL.dll                         : 1.0.0.1
  DTSBoostDLL.dll                                   : 1.0.0.1
  DTSGainCompensatorDLL.dll                         : 1.0.0.1
  DTSGFXAPO.dll                                     : 1.0.0.1
  DTSGFXAPONS.dll                                   : 1.0.0.1
  DTSLFXAPO.dll                                     : 1.0.0.1
  DTSLimiterDLL.dll                                 : 1.0.0.1
  DTSNeoPCDLL.dll                                   : 1.0.0.1
```

DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSSymmetryDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 42.5.24.65
LightSkinImages.dll : 0.0.0.22
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.22.0
MBTHX32.dll : 1.0.8.109
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.125
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.132
RtkApoApi.dll : 1.0.0.20
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.8.3
RtkPgExt.dll : 6.0.6000.113
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.9
SFFXDAPO.dll : 2.0.0.9
SFFXHAPO.dll : 2.0.0.9
SFFXProc.dll : 2.0.0.9
SFFXSAPO.dll : 2.0.0.9
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.24.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6029
AERTSr64.exe : 1.0.64.10
RAVBg64.exe : 1.0.0.8
RAVCpl64.exe : 1.0.0.477
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 0.0.0.22
RtlUpd64.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38

GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.18
AERTAC64.dll : 2.0.64.9
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 0.0.0.22
DarkSkinImages64.dll : 0.0.0.22
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.1
DTSGFXAPONS64.dll : 1.0.0.1
DTSLFXAPO64.dll : 1.0.0.1
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSSymmetryDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.24.65
LightSkinImages64.dll : 0.0.0.22
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.22.0
MBTHX32.dll : 1.0.8.109
MBTHX64.dll : 1.0.8.109
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.8.3
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.125
RTCOMDLL.dll : 2.0.0.125
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.20
RtkAPO64.dll : 11.0.6000.132
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.113
SFComm64.dll : 2.0.0.9
SFDAPO64.dll : 2.0.0.9
SFHAPO64.dll : 2.0.0.9
SFProc64.dll : 2.0.0.9
SFSAPO64.dll : 2.0.0.9
slcshp64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0

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  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.8.24.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  WavesGUILib.dll                                       : 1.2.3.4
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.5992
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.1
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.7.0
  RHDMIExt.dll                                          : 6.0.6000.109
  RtkHDMI.dll                                           : 11.0.6000.126

  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.5992
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.1
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.7.0
  RHDMEx64.dll                                          : 6.0.6000.109
  RtkHDM64.dll                                          : 11.0.6000.126

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5992
  Rtaupd.exe                                            : 2.8.0.1
  RHCoInstXP.dll                                        : 1.0.7.0

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5992
  Rtaupd64.exe                                          : 2.8.0.1
  RHCoInst64XP.dll                                      : 1.0.7.0

  Driver Setup Program                                  : 2.92

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.40
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
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ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275, ALC680

3. HDMI Device WHQL Support: ATI HDMI Devices
4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
    1.) Driver :
        1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :

RTKHDA64.sys	: 5.10.0.6013
RTKHDAUD.sys	: 5.10.0.6013
MicCal.exe	: 1.1.2.2
RTHDCPL.exe	: 2.3.2.8
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.8.0.1
RtlUpd.exe	: 2.8.0.1
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.38
vncutil.exe	: 1.0.0.38
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
RTSndMgr.cpl	: 1.0.1.4
ALSndMgr.cpl	: 1.0.0.11
RCoInst64XP.dll	: 1.0.7.9
RTCOMDLL.dll	: 1.0.0.103
RtkCoInstXP.dll	: 1.0.7.9
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86

RTKVHDA.sys	: 6.0.1.6013
AERTSrv.exe	: 1.0.32.10
APOPCH.exe	: 1.0.0.0
RtHDVBg.exe	: 1.0.0.8
RtHDVCpl.exe	: 1.0.0.463
RtkAudioService.exe	: 1.0.0.24
RtkNGUI.exe	: 0.0.0.21
RtlUpd.exe	: 2.8.0.1
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.38
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.18
AERTACap.dll	: 2.0.32.9

AERTARen.dll : 1.0.32.9
BlackSkinImages.dll : 0.0.0.21
DarkSkinImages.dll : 0.0.0.21
DTSBassEnhancementDLL.dll : 1.0.0.1
DTSBoostDLL.dll : 1.0.0.1
DTSGainCompensatorDLL.dll : 1.0.0.1
DTSGFXAPO.dll : 1.0.0.1
DTSLFXAPO.dll : 1.0.0.1
DTSLimiterDLL.dll : 1.0.0.1
DTSNeoPCDLL.dll : 1.0.0.1
DTSS2HeadphoneDLL.dll : 1.0.0.1
DTSS2SpeakerDLL.dll : 1.0.0.1
DTSVoiceClarityDLL.dll : 1.0.0.1
FMAPO.dll : 42.5.23.65
LightSkinImages.dll : 0.0.0.21
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.103
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.124
RTEED32A.dll : 6.1.6001.33
RTEEG32A.dll : 6.1.6001.33
RTEEL32A.dll : 6.1.6001.33
RTEEP32A.dll : 6.1.6001.33
RtkAPO.dll : 11.0.6000.130
RtkApoApi.dll : 1.0.0.20
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.7.9
RtkPgExt.dll : 6.0.6000.112
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.9
SFFXDAPO.dll : 2.0.0.9
SFFXHAPO.dll : 2.0.0.9
SFFXProc.dll : 2.0.0.9
SFFXSAPO.dll : 2.0.0.9
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.24.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64

RTKVHD64.sys : 6.0.1.6013
AERTSr64.exe : 1.0.64.10
APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.8
RAVCpl64.exe : 1.0.0.463
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 0.0.0.21
RtlUpd64.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.18
AERTAC64.dll : 2.0.64.9
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 0.0.0.21
DarkSkinImages64.dll : 0.0.0.21
DTSBassEnhancementDLL64.dll : 1.0.0.1
DTSBoostDLL64.dll : 1.0.0.1
DTSGainCompensatorDLL64.dll : 1.0.0.1
DTSGFXAPO64.dll : 1.0.0.1
DTSLFXAPO64.dll : 1.0.0.1
DTSLimiterDLL64.dll : 1.0.0.1
DTSNeoPCDLL64.dll : 1.0.0.1
DTSS2HeadphoneDLL64.dll : 1.0.0.1
DTSS2SpeakerDLL64.dll : 1.0.0.1
DTSVoiceClarityDLL64.dll : 1.0.0.1
FMAPO64.dll : 42.6.23.65
LightSkinImages64.dll : 0.0.0.21
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.22.0
MBTHX32.dll : 1.0.15.103
MBTHX64.dll : 1.0.15.103
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.7.9
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.123
RTCOMDLL.dll : 2.0.0.123
RTEED64A.dll : 6.1.6001.33
RTEEG64A.dll : 6.1.6001.33
RTEEL64A.dll : 6.1.6001.33
RTEEP64A.dll : 6.1.6001.33
RtkApi64.dll : 1.0.0.20
RtkAPO64.dll : 11.0.6000.130
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.112

```
  SFComm64.dll                                          : 2.0.0.9
  SFDAPO64.dll                                          : 2.0.0.9
  SFHAPO64.dll                                          : 2.0.0.9
  SFProc64.dll                                          : 2.0.0.9
  SFSAPO64.dll                                          : 2.0.0.9
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.8.24.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  WavesGUILib.dll                                       : 1.2.3.4
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.5992
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.1
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.7.0
  RHDMIExt.dll                                          : 6.0.6000.109
  RtkHDMI.dll                                           : 11.0.6000.126

  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.5992
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.1
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.7.0
  RHDMEx64.dll                                          : 6.0.6000.109
  RtkHDM64.dll                                          : 11.0.6000.126

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5992
  Rtaupd.exe                                            : 2.8.0.1
  RHCoInstXP.dll                                        : 1.0.7.0

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5992
  Rtaupd64.exe                                          : 2.8.0.1
  RHCoInst64XP.dll                                      : 1.0.7.0

  Driver Setup Program                                  : 2.89

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
```

//=================
Driver Package R2.39
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888, ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886, ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : --
  Windows 2000/XP :
  RTKHDA64.sys   : 5.10.0.6000
  RTKHDAUD.sys   : 5.10.0.6000
  MicCal.exe   : 1.1.2.2
  RTHDCPL.exe   : 2.3.2.5
  RtkAudioService64.exe   : 1.0.0.19
  RtkAudioService.exe   : 1.0.0.19
  RTLCPL.exe   : 1.0.1.66
  RtlUpd64.exe   : 2.8.0.1
  RtlUpd.exe   : 2.8.0.1
  SkyTel.exe   : 2.0.2.0
  SoundMan.exe   : 1.0.0.32
  vncutil64.exe   : 1.0.0.38
  vncutil.exe   : 1.0.0.38
  Alcmtr.exe   : 1.6.0.4
  AlcWzrd.exe   : 1.1.0.37
  AMBFilt.sys   : 5.10.0.4240
  AMBFt64.sys   : 5.10.0.4240
  Monfilt.sys   : 5.10.0.4112
  Monft64.sys   : 5.10.0.4115
  OAO17Afx.sys   : 1.0.7.3
  RTSndMgr.cpl   : 1.0.1.4
  ALSndMgr.cpl   : 1.0.0.11
  RCoInst64XP.dll   : 1.0.7.8
  RTCOMDLL.dll   : 1.0.0.103
  RtkCoInstXP.dll   : 1.0.7.8
  RtlCPAPI.dll   : 1.0.2.3
Vista/Win7 driver : --
  Vista/Win7 driver for x86
  RTKVHDA.sys   : 6.0.1.6000
  AERTSrv.exe   : 1.0.32.10
  APOPCH.exe   : 1.0.0.0
  RtHDVBg.exe   : 1.0.0.8
  RtHDVCpl.exe   : 1.0.0.456

RtkAudioService.exe : 1.0.0.24
RtkNGUI.exe : 0.0.0.17
RtlUpd.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil.exe : 1.0.0.38
mbfilt32.sys : 6.10.0.8
RTSndMgr.cpl : 1.0.0.18
AERTACap.dll : 2.0.32.9
AERTARen.dll : 1.0.32.9
BlackSkinImages.dll : 0.0.0.17
DarkSkinImages.dll : 0.0.0.17
FMAPO.dll : 42.5.21.67
LightSkinImages.dll : 0.0.0.17
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.22.0
MBTHX32.dll : 1.0.8.108
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.124
RTEED32A.dll : 6.1.6001.32
RTEEG32A.dll : 6.1.6001.32
RTEEL32A.dll : 6.1.6001.32
RTEEP32A.dll : 6.1.6001.32
RtkAPO.dll : 11.0.6000.129
RtkApoApi.dll : 1.0.0.19
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.7.8
RtkPgExt.dll : 6.0.6000.112
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.9
SFFXDAPO.dll : 2.0.0.9
SFFXHAPO.dll : 2.0.0.9
SFFXProc.dll : 2.0.0.9
SFFXSAPO.dll : 2.0.0.9
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.24.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.6000
AERTSr64.exe : 1.0.64.10

APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.8
RAVCpl64.exe : 1.0.0.456
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 0.0.0.17
RtlUpd64.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.18
AERTAC64.dll : 2.0.64.9
AERTAR64.dll : 1.0.64.9
BlackSkinImages64.dll : 0.0.0.17
DarkSkinImages64.dll : 0.0.0.17
FMAPO64.dll : 42.6.21.67
LightSkinImages64.dll : 0.0.0.17
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.22.0
MBTHX32.dll : 1.0.8.108
MBTHX64.dll : 1.0.8.108
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.7.8
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.123
RTCOMDLL.dll : 2.0.0.123
RTEED64A.dll : 6.1.6001.32
RTEEG64A.dll : 6.1.6001.32
RTEEL64A.dll : 6.1.6001.32
RTEEP64A.dll : 6.1.6001.32
RtkApi64.dll : 1.0.0.19
RtkAPO64.dll : 11.0.6000.129
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.2
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.112
SFComm64.dll : 2.0.0.9
SFDAPO64.dll : 2.0.0.9
SFHAPO64.dll : 2.0.0.9
SFProc64.dll : 2.0.0.9
SFSAPO64.dll : 2.0.0.9
slcshp64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.1.2.0
sltshd64.dll : 1.1.1.0
sluapo64.dll : 1.8.24.0

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  SRSHP64.dll                                          : 1.1.0.0
  SRSTSH64.dll                                         : 1.1.4.0
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.3.0
  WavesGUILib.dll                                      : 1.2.3.4
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                          : 6.0.1.5992
  RtkAudioSrvATI.exe                                   : 1.0.0.23
  RtkUpd.exe                                           : 2.8.0.1
  RH3DAA32.dll                                         : 6.0.6001.18
  RH3DHT32.dll                                         : 6.0.6001.18
  RHCoInst.dll                                         : 1.0.7.0
  RHDMIExt.dll                                         : 6.0.6000.109
  RtkHDMI.dll                                          : 11.0.6000.126

  Vista/Win7 x64:
  RtHDMIVX.sys                                         : 6.0.1.5992
  RtkAudioSrvATI64.exe                                 : 1.0.0.23
  RtkUpd64.exe                                         : 2.8.0.1
  RH3DAA64.dll                                         : 6.0.6001.18
  RH3DHT64.dll                                         : 6.0.6001.18
  RHCoInst64.dll                                       : 1.0.7.0
  RHDMEx64.dll                                         : 6.0.6000.109
  RtkHDM64.dll                                         : 11.0.6000.126

  XP/2K x86:
  RtkHDMI.sys                                          : 5.10.0.5992
  Rtaupd.exe                                           : 2.8.0.1
  RHCoInstXP.dll                                       : 1.0.7.0

  XP/2K x64:
  RtkHDMIX.sys                                         : 5.10.0.5992
  Rtaupd64.exe                                         : 2.8.0.1
  RHCoInst64XP.dll                                     : 1.0.7.0

  Driver Setup Program                                 : 2.89

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.38
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
```

4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
1.) Driver :
1. Customizations.
2. Support graphic EQ feature.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.5995
RTKHDAUD.sys	: 5.10.0.5995
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.2
RTHDCPL.exe	: 2.3.2.4
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.8.0.1
RtlUpd.exe	: 2.8.0.1
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.38
vncutil.exe	: 1.0.0.38
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
OAO17Afx.sys	: 1.0.7.3
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.4
RCoInst64XP.dll	: 1.0.7.6
RTCOMDLL.dll	: 1.0.0.103
RtkCoInstXP.dll	: 1.0.7.6
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86	
RTKVHDA.sys	: 6.0.1.5995
AERTSrv.exe	: 1.0.32.10
APOPCH.exe	: 1.0.0.0
RtHDVBg.exe	: 1.0.0.8
RtHDVCpl.exe	: 1.0.0.453
RtkAudioService.exe	: 1.0.0.24
RtkNGUI.exe	: 0.0.0.15
RtlUpd.exe	: 2.8.0.1
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.38
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.18
AERTACap.dll	: 2.0.32.9
AERTARen.dll	: 1.0.32.9
BlackSkinImages.dll	: 0.0.0.15
DarkSkinImages.dll	: 0.0.0.15

FMAPO.dll : 42.5.21.66
LightSkinImages.dll : 0.0.0.15
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.22.0
MBTHX32.dll : 1.0.8.108
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.124
RTEED32A.dll : 6.1.6001.32
RTEEG32A.dll : 6.1.6001.32
RTEEL32A.dll : 6.1.6001.32
RTEEP32A.dll : 6.1.6001.32
RtkAPO.dll : 11.0.6000.127
RtkApoApi.dll : 1.0.0.17
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.7.7
RtkPgExt.dll : 6.0.6000.109
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.9
SFFXDAPO.dll : 2.0.0.9
SFFXHAPO.dll : 2.0.0.9
SFFXProc.dll : 2.0.0.9
SFFXSAPO.dll : 2.0.0.9
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.24.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5995
AERTSr64.exe : 1.0.64.10
APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.8
RAVCpl64.exe : 1.0.0.453
RtkAudioService64.exe : 1.0.0.24
RtkNGUI64.exe : 0.0.0.15
RtlUpd64.exe : 2.8.0.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.38
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.18

```
  AERTAC64.dll                                        : 2.0.64.9
  AERTAR64.dll                                        : 1.0.64.9
  BlackSkinImages64.dll                               : 0.0.0.15
  DarkSkinImages64.dll                                : 0.0.0.15
  FMAPO64.dll                                         : 42.6.21.66
  LightSkinImages64.dll                               : 0.0.0.15
  MaxxAudioAPO20.dll                                  : 2.2.6.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  MBAPO32.dll                                         : 1.0.19.0
  MBAPO64.dll                                         : 1.0.19.0
  MBPPCn64.dll                                        : 1.0.0.110
  MBppld64.dll                                        : 1.0.22.0
  MBTHX32.dll                                         : 1.0.8.108
  MBTHX64.dll                                         : 1.0.8.108
  MBWrp64.dll                                         : 1.0.0.110
  RCoInst64.dll                                       : 1.0.7.7
  RP3DAA64.dll                                        : 6.0.6001.18
  RP3DHT64.dll                                        : 6.0.6001.18
  RtCOM64.dll                                         : 2.0.0.123
  RTCOMDLL.dll                                        : 2.0.0.123
  RTEED64A.dll                                        : 6.1.6001.32
  RTEEG64A.dll                                        : 6.1.6001.32
  RTEEL64A.dll                                        : 6.1.6001.32
  RTEEP64A.dll                                        : 6.1.6001.32
  RtkApi64.dll                                        : 1.0.0.17
  RtkAPO64.dll                                        : 11.0.6000.127
  RtkCfg.dll                                          : 1.0.0.1
  RtkCfg64.dll                                        : 1.0.0.2
  RtlCPAPI.dll                                        : 1.0.2.4
  RtlCPAPI64.dll                                      : 1.0.2.4
  RtPgEx64.dll                                        : 6.0.6000.109
  SFComm64.dll                                        : 2.0.0.9
  SFDAPO64.dll                                        : 2.0.0.9
  SFHAPO64.dll                                        : 2.0.0.9
  SFProc64.dll                                        : 2.0.0.9
  SFSAPO64.dll                                        : 2.0.0.9
  slcshp64.dll                                        : 1.0.3.0
  slgeq64.dll                                         : 1.0.1.0
  slh36064.dll                                        : 1.0.2.0
  slInit64.dll                                        : 1.1.3.0
  slmaxv64.dll                                        : 1.1.2.0
  sltshd64.dll                                        : 1.1.1.0
  sluapo64.dll                                        : 1.8.24.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
  WavesGUILib.dll                                     : 1.2.3.4
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                         : 6.0.1.5945
  RtkAudioSrvATI.exe                                  : 1.0.0.23
  RtkUpd.exe                                          : 2.8.0.0
  RH3DAA32.dll                                        : 6.0.6001.18
```

```
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.7.0
  RHDMIExt.dll                                          : 6.0.6000.100
  RtkHDMI.dll                                           : 11.0.6000.113

  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.5945
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.0
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.7.0
  RHDMEx64.dll                                          : 6.0.6000.100
  RtkHDM64.dll                                          : 11.0.6000.113

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5945
  Rtaupd.exe                                            : 2.8.0.0
  RHCoInstXP.dll                                        : 1.0.7.0

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5945
  Rtaupd64.exe                                          : 2.8.0.0
  RHCoInst64XP.dll                                      : 1.0.7.0

  Driver Setup Program                                  : 2.89

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.37
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC892, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267,
ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC892, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665,
ALC260, ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670,
ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5983
  RTKHDAUD.sys                                          : 5.10.0.5983
```

```
  MicCal.exe                                        : 1.1.2.2
  RTHDCPL.exe                                       : 2.3.2.4
  RtkAudioService64.exe                             : 1.0.0.19
  RtkAudioService.exe                               : 1.0.0.19
  RTLCPL.exe                                        : 1.0.1.66
  RtlUpd64.exe                                      : 2.8.0.0
  RtlUpd.exe                                        : 2.8.0.0
  SkyTel.exe                                        : 2.0.2.0
  SoundMan.exe                                      : 1.0.0.32
  vncutil64.exe                                     : 1.0.0.37
  vncutil.exe                                       : 1.0.0.37
  Alcmtr.exe                                        : 1.6.0.4
  AlcWzrd.exe                                       : 1.1.0.37
  AMBFt64.sys                                       : 5.10.0.4240
  Monfilt.sys                                       : 5.10.0.4112
  Monft64.sys                                       : 5.10.0.4115
  OAO17Afx.sys                                      : 1.0.7.3
  AMBFilt.sys                                       : 5.10.0.4240
  RTSndMgr.cpl                                      : 1.0.1.4
  ALSndMgr.cpl                                      : 1.0.0.11
  RCoInst64XP.dll                                   : 1.0.7.6
  RTCOMDLL.dll                                      : 1.0.0.103
  RtkCoInstXP.dll                                   : 1.0.7.6
  RtlCPAPI.dll                                      : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                       : 6.0.1.5983
  AERTSrv.exe                                       : 1.0.32.9
  APOPCH.exe                                        : 1.0.0.0
  RtHDVBg.exe                                       : 1.0.0.6
  RtHDVCpl.exe                                      : 1.0.0.447
  RtkAudioService.exe                               : 1.0.0.24
  RtlUpd.exe                                        : 2.8.0.0
  SkyTel.exe                                        : 2.0.2.2
  vncutil.exe                                       : 1.0.0.37
  mbfilt32.sys                                      : 6.10.0.8
  RTSndMgr.cpl                                      : 1.0.0.17
  AERTACap.dll                                      : 2.0.32.8
  AERTARen.dll                                      : 1.0.32.8
  FMAPO.dll                                         : 42.5.21.66
  MaxxAudioAPO.dll                                  : 1.2.2.0
  MaxxAudioAPO20.dll                                : 2.2.6.0
  MaxxAudioEQ.dll                                   : 5.9.7.0
  MBAPO32.dll                                       : 1.0.19.0
  MBPPCn32.dll                                      : 1.0.0.110
  MBppld32.dll                                      : 1.0.22.0
  MBTHX32.dll                                       : 1.0.8.107
  MBWrp32.dll                                       : 1.0.0.110
  RP3DAA32.dll                                      : 6.0.6001.18
  RP3DHT32.dll                                      : 6.0.6001.18
  RTCOMDLL.dll                                      : 2.0.0.123
  RTEED32A.dll                                      : 6.1.6001.32
  RTEEG32A.dll                                      : 6.1.6001.32
  RTEEL32A.dll                                      : 6.1.6001.32
```

RTEEP32A.dll : 6.1.6001.32
RtkAPO.dll : 11.0.6000.125
RtkApoApi.dll : 1.0.0.15
RtkCfg.dll : 1.0.0.2
RtkCoInst.dll : 1.0.7.6
RtkPgExt.dll : 6.0.6000.108
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.8
SFFXDAPO.dll : 2.0.0.8
SFFXHAPO.dll : 2.0.0.8
SFFXProc.dll : 2.0.0.8
SFFXSAPO.dll : 2.0.0.8
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.8.22.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5983
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.6
RAVCpl64.exe : 1.0.0.447
RtkAudioService64.exe : 1.0.0.24
RtlUpd64.exe : 2.8.0.0
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.37
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.17
AERTAC64.dll : 2.0.64.8
AERTAR64.dll : 1.0.64.8
FMAPO64.dll : 42.6.21.66
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.22.0
MBTHX32.dll : 1.0.8.107
MBTHX64.dll : 1.0.8.107
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.7.6
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.123
RTCOMDLL.dll : 2.0.0.123

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  RTEED64A.dll                                          : 6.1.6001.32
  RTEEG64A.dll                                          : 6.1.6001.32
  RTEEL64A.dll                                          : 6.1.6001.32
  RTEEP64A.dll                                          : 6.1.6001.32
  RtkApi64.dll                                          : 1.0.0.15
  RtkAPO64.dll                                          : 11.0.6000.125
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.2
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.108
  SFComm64.dll                                          : 2.0.0.8
  SFDAPO64.dll                                          : 2.0.0.8
  SFHAPO64.dll                                          : 2.0.0.8
  SFProc64.dll                                          : 2.0.0.8
  SFSAPO64.dll                                          : 2.0.0.8
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.8.22.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  WavesGUILib.dll                                       : 1.2.3.4
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.5945
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.0
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.7.0
  RHDMIExt.dll                                          : 6.0.6000.100
  RtkHDMI.dll                                           : 11.0.6000.113

  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.5945
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.0
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.7.0
  RHDMEx64.dll                                          : 6.0.6000.100
  RtkHDM64.dll                                          : 11.0.6000.113

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5945
  Rtaupd.exe                                            : 2.8.0.0
  RHCoInstXP.dll                                        : 1.0.7.0
```

```
  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5945
  Rtaupd64.exe                                          : 2.8.0.0
  RHCoInst64XP.dll                                      : 1.0.7.0

  Driver Setup Program                                  : 2.88

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.36
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268,
ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260,
ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

        2.) Package :
            1. Fix some presentation string of Upgraded dialog in small VGA Mode
.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5969
  RTKHDAUD.sys                                          : 5.10.0.5969
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.2
  RTHDCPL.exe                                           : 2.3.2.1
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.0
  RtlUpd.exe                                            : 2.8.0.0
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.33
  vncutil.exe                                           : 1.0.0.33
  AMBFilt.sys                                           : 5.10.0.4240
  AMBFt64.sys                                           : 5.10.0.4240
  Monfilt.sys                                           : 5.10.0.4112
  Monft64.sys                                           : 5.10.0.4115
```

```
  ALSndMgr.cpl                                        : 1.0.0.11
  RTSndMgr.cpl                                        : 1.0.1.4
  RCoInst64XP.dll                                     : 1.0.7.5
  RTCOMDLL.dll                                        : 1.0.0.103
  RtkCoInstXP.dll                                     : 1.0.7.5
  RtlCPAPI.dll                                        : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                         : 6.0.1.5969
  AERTSrv.exe                                         : 1.0.32.9
  APOPCH.exe                                          : 1.0.0.0
  RtHDVBg.exe                                         : 1.0.0.6
  RtHDVCpl.exe                                        : 1.0.0.439
  RtkAudioService.exe                                 : 1.0.0.24
  RtlUpd.exe                                          : 2.8.0.0
  SkyTel.exe                                          : 2.0.2.2
  vncutil.exe                                         : 1.0.0.33
  mbfilt32.sys                                        : 6.10.0.8
  RTSndMgr.cpl                                        : 1.0.0.17
  AERTACap.dll                                        : 2.0.32.8
  AERTARen.dll                                        : 1.0.32.8
  FMAPO.dll                                           : 42.5.21.65
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.2.6.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  MBAPO32.dll                                         : 1.0.19.0
  MBPPCn32.dll                                        : 1.0.0.110
  MBppld32.dll                                        : 1.0.22.0
  MBTHX32.dll                                         : 1.0.8.107
  MBWrp32.dll                                         : 1.0.0.110
  RP3DAA32.dll                                        : 6.0.6001.18
  RP3DHT32.dll                                        : 6.0.6001.18
  RTCOMDLL.dll                                        : 2.0.0.121
  RTEED32A.dll                                        : 6.1.6001.29
  RTEEG32A.dll                                        : 6.1.6001.29
  RTEEL32A.dll                                        : 6.1.6001.29
  RTEEP32A.dll                                        : 6.1.6001.29
  RtkAPO.dll                                          : 11.0.6000.121
  RtkApoApi.dll                                       : 1.0.0.13
  RtkCfg.dll                                          : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.7.5
  RtkPgExt.dll                                        : 6.0.6000.108
  RtlCPAPI.dll                                        : 1.0.2.4
  SFFXComm.dll                                        : 2.0.0.8
  SFFXDAPO.dll                                        : 2.0.0.8
  SFFXHAPO.dll                                        : 2.0.0.8
  SFFXProc.dll                                        : 2.0.0.8
  SFFXSAPO.dll                                        : 2.0.0.8
  slcshp32.dll                                        : 1.0.3.0
  slgeq32.dll                                         : 1.0.1.0
  slh36032.dll                                        : 1.0.2.0
  slInit32.dll                                        : 1.1.3.0
  slmaxv32.dll                                        : 1.1.2.0
  sltshd32.dll                                        : 1.1.1.0
```

sluapo32.dll : 1.4.8.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5969
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.6
RAVCpl64.exe : 1.0.0.439
RtkAudioService64.exe : 1.0.0.24
RtlUpd64.exe : 2.8.0.0
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.33
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.17
AERTAC64.dll : 2.0.64.8
AERTAR64.dll : 1.0.64.8
FMAPO64.dll : 42.6.21.65
MaxxAudioAPO20.dll : 2.2.6.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.22.0
MBTHX32.dll : 1.0.8.107
MBTHX64.dll : 1.0.8.107
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.7.5
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.121
RTCOMDLL.dll : 2.0.0.121
RTEED64A.dll : 6.1.6001.29
RTEEG64A.dll : 6.1.6001.29
RTEEL64A.dll : 6.1.6001.29
RTEEP64A.dll : 6.1.6001.29
RtkApi64.dll : 1.0.0.13
RtkAPO64.dll : 11.0.6000.121
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.1
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.108
SFComm64.dll : 2.0.0.8
SFDAPO64.dll : 2.0.0.8
SFHAPO64.dll : 2.0.0.8
SFProc64.dll : 2.0.0.8
SFSAPO64.dll : 2.0.0.8
slcshp64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0

```
  slInit64.dll                                        : 1.1.3.0
  slmaxv64.dll                                        : 1.1.2.0
  sltshd64.dll                                        : 1.1.1.0
  sluapo64.dll                                        : 1.4.8.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                         : 6.0.1.5945
  RtkAudioSrvATI.exe                                  : 1.0.0.23
  RtkUpd.exe                                          : 2.8.0.0
  RH3DAA32.dll                                        : 6.0.6001.18
  RH3DHT32.dll                                        : 6.0.6001.18
  RHCoInst.dll                                        : 1.0.7.0
  RHDMIExt.dll                                        : 6.0.6000.100
  RtkHDMI.dll                                         : 11.0.6000.113

  Vista/Win7 x64:
  RtHDMIVX.sys                                        : 6.0.1.5945
  RtkAudioSrvATI64.exe                                : 1.0.0.23
  RtkUpd64.exe                                        : 2.8.0.0
  RH3DAA64.dll                                        : 6.0.6001.18
  RH3DHT64.dll                                        : 6.0.6001.18
  RHCoInst64.dll                                      : 1.0.7.0
  RHDMEx64.dll                                        : 6.0.6000.100
  RtkHDM64.dll                                        : 11.0.6000.113

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.5945
  Rtaupd.exe                                          : 2.8.0.0
  RHCoInstXP.dll                                      : 1.0.7.0

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.5945
  Rtaupd64.exe                                        : 2.8.0.0
  RHCoInst64XP.dll                                    : 1.0.7.0

  Driver Setup Program                                : 2.86

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.35
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268,
ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260,
```

ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

        2.) Package :
            1. Fix some presentation of Spanish language .
            2. Add "Windows Server 2008 x64 R2" identification folder.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.5953
RTKHDAUD.sys	: 5.10.0.5953
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.2
RTHDCPL.exe	: 2.3.1.8
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.8.0.0
RtlUpd.exe	: 2.8.0.0
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.32
vncutil.exe	: 1.0.0.32
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.4
RCoInst64XP.dll	: 1.0.7.0
RTCOMDLL.dll	: 1.0.0.103
RtkCoInstXP.dll	: 1.0.7.0
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86	
RTKVHDA.sys	: 6.0.1.5953
AERTSrv.exe	: 1.0.32.9
APOPCH.exe	: 1.0.0.0
RtHDVBg.exe	: 1.0.0.6
RtHDVCpl.exe	: 1.0.0.426
RtkAudioService.exe	: 1.0.0.24
RtlUpd.exe	: 2.8.0.0
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.32
mbfilt32.sys	: 6.10.0.8
RTSndMgr.cpl	: 1.0.0.17
AERTACap.dll	: 2.0.32.8

AERTARen.dll : 1.0.32.8
FMAPO.dll : 42.5.19.65
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.22.0
MBTHX32.dll : 1.0.8.103
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.120
RTEED32A.dll : 6.1.6001.29
RTEEG32A.dll : 6.1.6001.29
RTEEL32A.dll : 6.1.6001.29
RTEEP32A.dll : 6.1.6001.29
RtkAPO.dll : 11.0.6000.116
RtkApoApi.dll : 1.0.0.13
RtkCfg.dll : 1.0.0.1
RtkCoInst.dll : 1.0.7.1
RtkPgExt.dll : 6.0.6000.103
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.8
SFFXDAPO.dll : 2.0.0.8
SFFXHAPO.dll : 2.0.0.8
SFFXProc.dll : 2.0.0.8
SFFXSAPO.dll : 2.0.0.8
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.4.8.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5953
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.6
RAVCpl64.exe : 1.0.0.426
RtkAudioService64.exe : 1.0.0.24
RtlUpd64.exe : 2.8.0.0
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.32
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.17
AERTAC64.dll : 2.0.64.8

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  AERTAR64.dll                                          : 1.0.64.8
  FMAPO64.dll                                           : 42.6.19.65
  MaxxAudioAPO20.dll                                    : 2.2.6.0
  MBAPO32.dll                                           : 1.0.19.0
  MBAPO64.dll                                           : 1.0.19.0
  MBPPCn64.dll                                          : 1.0.0.110
  MBppld64.dll                                          : 1.0.22.0
  MBTHX32.dll                                           : 1.0.8.103
  MBTHX64.dll                                           : 1.0.8.103
  MBWrp64.dll                                           : 1.0.0.110
  RCoInst64.dll                                         : 1.0.7.1
  RP3DAA64.dll                                          : 6.0.6001.18
  RP3DHT64.dll                                          : 6.0.6001.18
  RtCOM64.dll                                           : 2.0.0.120
  RTCOMDLL.dll                                          : 2.0.0.120
  RTEED64A.dll                                          : 6.1.6001.29
  RTEEG64A.dll                                          : 6.1.6001.29
  RTEEL64A.dll                                          : 6.1.6001.29
  RTEEP64A.dll                                          : 6.1.6001.29
  RtkApi64.dll                                          : 1.0.0.13
  RtkAPO64.dll                                          : 11.0.6000.116
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.1
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.103
  SFComm64.dll                                          : 2.0.0.8
  SFDAPO64.dll                                          : 2.0.0.8
  SFHAPO64.dll                                          : 2.0.0.8
  SFProc64.dll                                          : 2.0.0.8
  SFSAPO64.dll                                          : 2.0.0.8
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.4.8.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.5945
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.0
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.7.0
  RHDMIExt.dll                                          : 6.0.6000.100
  RtkHDMI.dll                                           : 11.0.6000.113

  Vista/Win7 x64:
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  RtHDMIVX.sys                                          : 6.0.1.5945
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.0
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.7.0
  RHDMEx64.dll                                          : 6.0.6000.100
  RtkHDM64.dll                                          : 11.0.6000.113

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5945
  Rtaupd.exe                                            : 2.8.0.0
  RHCoInstXP.dll                                        : 1.0.7.0

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5945
  Rtaupd64.exe                                          : 2.8.0.0
  RHCoInst64XP.dll                                      : 1.0.7.0

  Driver Setup Program                                  : 2.85

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.34
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268,
ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260,
ALC262, ALC267,ALC268, ALC269, ALC270, ALC272, ALC273, ALC887,ALC670, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5943
  RTKHDAUD.sys                                          : 5.10.0.5943
  MicCal.exe                                            : 1.1.2.2
  RTHDCPL.exe                                           : 2.3.1.4
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.0
  RtlUpd.exe                                            : 2.8.0.0
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  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  vncutil64.exe                                       : 1.0.0.31
  vncutil.exe                                         : 1.0.0.31
  Alcmtr.exe                                          : 1.6.0.4
  AlcWzrd.exe                                         : 1.1.0.37
  Monfilt.sys                                         : 5.10.0.4112
  Monft64.sys                                         : 5.10.0.4115
  AMBFilt.sys                                         : 5.10.0.4240
  AMBFt64.sys                                         : 5.10.0.4240
  RTSndMgr.cpl                                        : 1.0.1.4
  ALSndMgr.cpl                                        : 1.0.0.11
  RCoInst64XP.dll                                     : 1.0.7.0
  RTCOMDLL.dll                                        : 1.0.0.103
  RtkCoInstXP.dll                                     : 1.0.7.0
  RtlCPAPI.dll                                        : 1.0.2.3
Vista/Win7 driver : ----------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                         : 6.0.1.5943
  AERTSrv.exe                                         : 1.0.32.9
  APOPCH.exe                                          : 1.0.0.0
  RtHDVBg.exe                                         : 1.0.0.6
  RtHDVCpl.exe                                        : 1.0.0.422
  RtkAudioService.exe                                 : 1.0.0.24
  RtlUpd.exe                                          : 2.8.0.0
  SkyTel.exe                                          : 2.0.2.2
  vncutil.exe                                         : 1.0.0.31
  mbfilt32.sys                                        : 6.10.0.8
  RTSndMgr.cpl                                        : 1.0.0.17
  AERTACap.dll                                        : 2.0.32.8
  AERTARen.dll                                        : 1.0.32.8
  FMAPO.dll                                           : 42.5.18.67
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.2.6.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  MBAPO32.dll                                         : 1.0.19.0
  MBPPCn32.dll                                        : 1.0.0.110
  MBppld32.dll                                        : 1.0.19.0
  MBTHX32.dll                                         : 1.0.8.102
  MBWrp32.dll                                         : 1.0.0.110
  RP3DAA32.dll                                        : 6.0.6001.18
  RP3DHT32.dll                                        : 6.0.6001.18
  RTCOMDLL.dll                                        : 2.0.0.120
  RTEED32A.dll                                        : 6.1.6001.29
  RTEEG32A.dll                                        : 6.1.6001.29
  RTEEL32A.dll                                        : 6.1.6001.29
  RTEEP32A.dll                                        : 6.1.6001.29
  RtkAPO.dll                                          : 11.0.6000.113
  RtkApoApi.dll                                       : 1.0.0.13
  RtkCfg.dll                                          : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.7.0
  RtkPgExt.dll                                        : 6.0.6000.99
  RtlCPAPI.dll                                        : 1.0.2.4
  SFFXComm.dll                                        : 2.0.0.8
```

SFFXDAPO.dll : 2.0.0.8
SFFXHAPO.dll : 2.0.0.8
SFFXProc.dll : 2.0.0.8
SFFXSAPO.dll : 2.0.0.8
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.4.8.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5943
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.6
RAVCpl64.exe : 1.0.0.422
RtkAudioService64.exe : 1.0.0.24
RtlUpd64.exe : 2.8.0.0
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.31
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.17
AERTAC64.dll : 2.0.64.8
AERTAR64.dll : 1.0.64.8
FMAPO64.dll : 42.6.18.67
MaxxAudioAPO20.dll : 2.2.6.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.19.0
MBTHX32.dll : 1.0.8.102
MBTHX64.dll : 1.0.8.102
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.7.0
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.120
RTCOMDLL.dll : 2.0.0.120
RTEED64A.dll : 6.1.6001.29
RTEEG64A.dll : 6.1.6001.29
RTEEL64A.dll : 6.1.6001.29
RTEEP64A.dll : 6.1.6001.29
RtkApi64.dll : 1.0.0.13
RtkAPO64.dll : 11.0.6000.113
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.1
RtlCPAPI.dll : 1.0.2.4

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  RtlCPAPI64.dll                                    : 1.0.2.4
  RtPgEx64.dll                                      : 6.0.6000.99
  SFComm64.dll                                      : 2.0.0.8
  SFDAPO64.dll                                      : 2.0.0.8
  SFHAPO64.dll                                      : 2.0.0.8
  SFProc64.dll                                      : 2.0.0.8
  SFSAPO64.dll                                      : 2.0.0.8
  slcshp64.dll                                      : 1.0.3.0
  slgeq64.dll                                       : 1.0.1.0
  slh36064.dll                                      : 1.0.2.0
  slInit64.dll                                      : 1.1.3.0
  slmaxv64.dll                                      : 1.1.2.0
  sltshd64.dll                                      : 1.1.1.0
  sluapo64.dll                                      : 1.4.8.0
  SRSHP64.dll                                       : 1.1.0.0
  SRSTSH64.dll                                      : 1.1.4.0
  SRSTSX64.dll                                      : 3.2.0.0
  SRSWOW64.dll                                      : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                       : 6.0.1.5897
  RtkAudioSrvATI.exe                                : 1.0.0.23
  RtkUpd.exe                                        : 2.8.0.0
  RH3DAA32.dll                                      : 6.0.6001.18
  RH3DHT32.dll                                      : 6.0.6001.18
  RHCoInst.dll                                      : 1.0.6.4
  RHDMIExt.dll                                      : 6.0.6000.82
  RtkHDMI.dll                                       : 11.0.6000.101


  Vista/Win7 x64:
  RtHDMIVX.sys                                      : 6.0.1.5897
  RtkAudioSrvATI64.exe                              : 1.0.0.23
  RtkUpd64.exe                                      : 2.8.0.0
  RH3DAA64.dll                                      : 6.0.6001.18
  RH3DHT64.dll                                      : 6.0.6001.18
  RHCoInst64.dll                                    : 1.0.6.4
  RHDMEx64.dll                                      : 6.0.6000.82
  RtkHDM64.dll                                      : 11.0.6000.101


  XP/2K x86:
  RtkHDMI.sys                                       : 5.10.0.5880
  RtkUpd.exe                                        : 2.7.1.3
  RHCoInstXP.dll                                    : 1.0.5.1
  XP/2K x64:
  RtkHDMIX.sys                                      : 5.10.0.5880
  RtkUpd64.exe                                      : 2.7.1.3
  RHCoInst64XP.dll                                  : 1.0.5.1

  Driver Setup Program                              : 2.84

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
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```
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.33
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268,
ALC269, ALC272, ALC273, ALC887,ALC670, ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260,
ALC262, ALC267,ALC268, ALC269, ALC272, ALC273, ALC887,ALC670, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                      : 5.10.0.5936
  RTKHDAUD.sys                                      : 5.10.0.5936
  MicCal.exe                                        : 1.1.2.2
  RTHDCPL.exe                                       : 2.3.1.2
  RtkAudioService64.exe                             : 1.0.0.19
  RtkAudioService.exe                               : 1.0.0.19
  RTLCPL.exe                                        : 1.0.1.66
  RtlUpd64.exe                                      : 2.8.0.0
  RtlUpd.exe                                        : 2.8.0.0
  SkyTel.exe                                        : 2.0.2.0
  SoundMan.exe                                      : 1.0.0.32
  vncutil64.exe                                     : 1.0.0.29
  vncutil.exe                                       : 1.0.0.29
  Alcmtr.exe                                        : 1.6.0.4
  AlcWzrd.exe                                       : 1.1.0.37
  Monfilt.sys                                       : 5.10.0.4112
  Monft64.sys                                       : 5.10.0.4115
  AMBFilt.sys                                       : 5.10.0.4240
  AMBFt64.sys                                       : 5.10.0.4240
  RTSndMgr.cpl                                      : 1.0.1.4
  ALSndMgr.cpl                                      : 1.0.0.11
  RCoInst64XP.dll                                   : 1.0.6.9
  RTCOMDLL.dll                                      : 1.0.0.103
  RtkCoInstXP.dll                                   : 1.0.6.9
  RtlCPAPI.dll                                      : 1.0.2.3
Vista/Win7 driver : ---------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                       : 6.0.1.5936
  AERTSrv.exe                                       : 1.0.32.9
  APOPCH.exe                                        : 1.0.0.0
  RtHDVBg.exe                                       : 1.0.0.6
  RtHDVCpl.exe                                      : 1.0.0.418
```

RtkAudioService.exe : 1.0.0.24
RtlUpd.exe : 2.8.0.0
SkyTel.exe : 2.0.2.2
vncutil.exe : 1.0.0.29
RTSndMgr.cpl : 1.0.0.17
mbfilt32.sys : 6.10.0.8
AERTACap.dll : 2.0.32.8
AERTARen.dll : 1.0.32.8
FMAPO.dll : 42.5.18.65
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.6.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.19.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.19.0
MBTHX32.dll : 1.0.8.102
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.120
RTEED32A.dll : 6.1.6001.29
RTEEG32A.dll : 6.1.6001.29
RTEEL32A.dll : 6.1.6001.29
RTEEP32A.dll : 6.1.6001.29
RtkAPO.dll : 11.0.6000.109
RtkApoApi.dll : 1.0.0.13
RtkCfg.dll : 1.0.0.1
RtkCoInst.dll : 1.0.6.9
RtkPgExt.dll : 6.0.6000.96
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.8
SFFXDAPO.dll : 2.0.0.8
SFFXHAPO.dll : 2.0.0.8
SFFXProc.dll : 2.0.0.8
SFFXSAPO.dll : 2.0.0.8
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.4.8.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5936
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.6
RAVCpl64.exe : 1.0.0.418
RtkAudioService64.exe : 1.0.0.24

```
  RtlUpd64.exe                                          : 2.8.0.0
  SkyTel.exe                                            : 2.0.2.2
  vncutil64.exe                                         : 1.0.0.29
  GWfilt64.sys                                          : 6.10.0.3
  mbfilt64.sys                                          : 6.10.0.8
  RTSnMg64.cpl                                          : 1.0.0.17
  AERTAC64.dll                                          : 2.0.64.8
  AERTAR64.dll                                          : 1.0.64.8
  FMAPO64.dll                                           : 42.6.18.65
  MaxxAudioAPO20.dll                                    : 2.2.6.0
  MBAPO32.dll                                           : 1.0.19.0
  MBAPO64.dll                                           : 1.0.19.0
  MBPPCn64.dll                                          : 1.0.0.110
  MBppld64.dll                                          : 1.0.19.0
  MBTHX32.dll                                           : 1.0.8.102
  MBTHX64.dll                                           : 1.0.8.102
  MBWrp64.dll                                           : 1.0.0.110
  RCoInst64.dll                                         : 1.0.6.9
  RP3DAA64.dll                                          : 6.0.6001.18
  RP3DHT64.dll                                          : 6.0.6001.18
  RtCOM64.dll                                           : 2.0.0.120
  RTCOMDLL.dll                                          : 2.0.0.120
  RTEED64A.dll                                          : 6.1.6001.29
  RTEEG64A.dll                                          : 6.1.6001.29
  RTEEL64A.dll                                          : 6.1.6001.29
  RTEEP64A.dll                                          : 6.1.6001.29
  RtkApi64.dll                                          : 1.0.0.13
  RtkAPO64.dll                                          : 11.0.6000.109
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.1
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.96
  SFComm64.dll                                          : 2.0.0.8
  SFDAPO64.dll                                          : 2.0.0.8
  SFHAPO64.dll                                          : 2.0.0.8
  SFProc64.dll                                          : 2.0.0.8
  SFSAPO64.dll                                          : 2.0.0.8
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.4.8.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.5897
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.0
```

```
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.6.4
  RHDMIExt.dll                                          : 6.0.6000.82
  RtkHDMI.dll                                           : 11.0.6000.101


  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.5897
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.0
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.6.4
  RHDMEx64.dll                                          : 6.0.6000.82
  RtkHDM64.dll                                          : 11.0.6000.101


  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5880
  RtkUpd.exe                                            : 2.7.1.3
  RHCoInstXP.dll                                        : 1.0.5.1
  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5880
  RtkUpd64.exe                                          : 2.7.1.3
  RHCoInst64XP.dll                                      : 1.0.5.1

  Driver Setup Program                                  : 2.84

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.32
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268,
ALC269, ALC272, ALC273, ALC887,ALC670, ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260,
ALC262, ALC267,ALC268, ALC269, ALC272, ALC273, ALC887,ALC670, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5928
```

```
  RTKHDAUD.sys                                          : 5.10.0.5928
  MicCal.exe                                            : 1.1.2.2
  RTHDCPL.exe                                           : 2.3.1.0
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.8.0.0
  RtlUpd.exe                                            : 2.8.0.0
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.27
  vncutil.exe                                           : 1.0.0.27
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  Monfilt.sys                                           : 5.10.0.4112
  Monft64.sys                                           : 5.10.0.4115
  AMBFilt.sys                                           : 5.10.0.4240
  AMBFt64.sys                                           : 5.10.0.4240
  RTSndMgr.cpl                                          : 1.0.1.4
  ALSndMgr.cpl                                          : 1.0.0.11
  RCoInst64XP.dll                                       : 1.0.6.5
  RTCOMDLL.dll                                          : 1.0.0.103
  RtkCoInstXP.dll                                       : 1.0.6.5
  RtlCPAPI.dll                                          : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                           : 6.0.1.5928
  AERTSrv.exe                                           : 1.0.32.9
  APOPCH.exe                                            : 1.0.0.0
  RtHDVBg.exe                                           : 1.0.0.6
  RtHDVCpl.exe                                          : 1.0.0.411
  RtkAudioService.exe                                   : 1.0.0.24
  RtlUpd.exe                                            : 2.8.0.0
  SkyTel.exe                                            : 2.0.2.2
  vncutil.exe                                           : 1.0.0.27
  mbfilt32.sys                                          : 6.10.0.8
  RTSndMgr.cpl                                          : 1.0.0.17
  AERTACap.dll                                          : 2.0.32.8
  AERTARen.dll                                          : 1.0.32.8
  FMAPO.dll                                             : 42.5.17.68
  MaxxAudioAPO.dll                                      : 1.2.2.0
  MaxxAudioAPO20.dll                                    : 2.2.2.0
  MaxxAudioEQ.dll                                       : 5.9.7.0
  MBAPO32.dll                                           : 1.0.19.0
  MBPPCn32.dll                                          : 1.0.0.110
  MBppld32.dll                                          : 1.0.19.0
  MBTHX32.dll                                           : 1.0.8.0
  MBWrp32.dll                                           : 1.0.0.110
  RP3DAA32.dll                                          : 6.0.6001.18
  RP3DHT32.dll                                          : 6.0.6001.18
  RTCOMDLL.dll                                          : 2.0.0.119
  RTEED32A.dll                                          : 6.1.6001.29
  RTEEG32A.dll                                          : 6.1.6001.29
  RTEEL32A.dll                                          : 6.1.6001.29
```

RTEEP32A.dll : 6.1.6001.29
RtkAPO.dll : 11.0.6000.106
RtkApoApi.dll : 1.0.0.12
RtkCfg.dll : 1.0.0.1
RtkCoInst.dll : 1.0.6.7
RtkPgExt.dll : 6.0.6000.93
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.8
SFFXDAPO.dll : 2.0.0.8
SFFXHAPO.dll : 2.0.0.8
SFFXProc.dll : 2.0.0.8
SFFXSAPO.dll : 2.0.0.8
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.4.8.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5928
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.6
RAVCpl64.exe : 1.0.0.411
RtkAudioService64.exe : 1.0.0.24
RtlUpd64.exe : 2.8.0.0
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.27
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.17
AERTAC64.dll : 2.0.64.8
AERTAR64.dll : 1.0.64.8
FMAPO64.dll : 42.6.17.68
MaxxAudioAPO20.dll : 2.2.2.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.19.0
MBTHX32.dll : 1.0.8.0
MBTHX64.dll : 1.0.8.0
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.6.7
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.119
RTCOMDLL.dll : 2.0.0.119
RTEED64A.dll : 6.1.6001.29

```
  RTEEG64A.dll                                          : 6.1.6001.29
  RTEEL64A.dll                                          : 6.1.6001.29
  RTEEP64A.dll                                          : 6.1.6001.29
  RtkApi64.dll                                          : 1.0.0.12
  RtkAPO64.dll                                          : 11.0.6000.106
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.1
  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.93
  SFComm64.dll                                          : 2.0.0.8
  SFDAPO64.dll                                          : 2.0.0.8
  SFHAPO64.dll                                          : 2.0.0.8
  SFProc64.dll                                          : 2.0.0.8
  SFSAPO64.dll                                          : 2.0.0.8
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.4.8.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.5897
  RtkAudioSrvATI.exe                                    : 1.0.0.23
  RtkUpd.exe                                            : 2.8.0.0
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.6.4
  RHDMIExt.dll                                          : 6.0.6000.82
  RtkHDMI.dll                                           : 11.0.6000.101


  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.5897
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.0
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.6.4
  RHDMEx64.dll                                          : 6.0.6000.82
  RtkHDM64.dll                                          : 11.0.6000.101


  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5880
  RtkUpd.exe                                            : 2.7.1.3
  RHCoInstXP.dll                                        : 1.0.5.1
  XP/2K x64:
```

```
  RtkHDMIX.sys                                        : 5.10.0.5880
  RtkUpd64.exe                                        : 2.7.1.3
  RHCoInst64XP.dll                                    : 1.0.5.1

  Driver Setup Program                                : 2.83

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.31
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268,
ALC269, ALC272, ALC273, ALC887,ALC670, ALC275
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260,
ALC262, ALC267,ALC268, ALC269, ALC272, ALC273, ALC887,ALC670, ALC275
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Fix DTM KS position testing fail issue when turn on Microphone
effect under Win7.
        2.) Package
            1. Reboot message in log file. ( WILL_REBOOT )
            2. Copy all of AP files to system.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.5919
  RTKHDAUD.sys                                        : 5.10.0.5919
  Alcmtr.exe                                          : 1.6.0.4
  AlcWzrd.exe                                         : 1.1.0.37
  MicCal.exe                                          : 1.1.2.2
  RTHDCPL.exe                                         : 2.3.0.9
  RtkAudioService64.exe                               : 1.0.0.19
  RtkAudioService.exe                                 : 1.0.0.19
  RTLCPL.exe                                          : 1.0.1.66
  RtlUpd64.exe                                        : 2.8.0.0
  RtlUpd.exe                                          : 2.8.0.0
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  vncutil64.exe                                       : 1.0.0.24
  vncutil.exe                                         : 1.0.0.25
  AMBFilt.sys                                         : 5.10.0.4240
  AMBFt64.sys                                         : 5.10.0.4240
  Monfilt.sys                                         : 5.10.0.4112
  Monft64.sys                                         : 5.10.0.4115
```

```
  ALSndMgr.cpl                                          : 1.0.0.11
  RTSndMgr.cpl                                          : 1.0.1.4
  RCoInst64XP.dll                                       : 1.0.6.5
  RTCOMDLL.dll                                          : 1.0.0.103
  RtkCoInstXP.dll                                       : 1.0.6.5
  RtlCPAPI.dll                                          : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                           : 6.0.1.5919
  AERTSrv.exe                                           : 1.0.32.9
  APOPCH.exe                                            : 1.0.0.0
  RtHDVBg.exe                                           : 1.0.0.5
  RtHDVCpl.exe                                          : 1.0.0.401
  RtkAudioService.exe                                   : 1.0.0.24
  RtlUpd.exe                                            : 2.8.0.0
  SkyTel.exe                                            : 2.0.2.2
  vncutil.exe                                           : 1.0.0.25
  mbfilt32.sys                                          : 6.10.0.6
  RTSndMgr.cpl                                          : 1.0.0.17
  AERTACap.dll                                          : 2.0.32.8
  AERTARen.dll                                          : 1.0.32.8
  FMAPO.dll                                             : 42.5.1.1
  MaxxAudioAPO.dll                                      : 1.2.2.0
  MaxxAudioAPO20.dll                                    : 2.2.2.0
  MaxxAudioEQ.dll                                       : 5.9.7.0
  MBAPO32.dll                                           : 1.0.9.0
  MBPPCn32.dll                                          : 1.0.0.110
  MBppld32.dll                                          : 1.0.9.0
  MBTHX32.dll                                           : 1.0.8.0
  MBWrp32.dll                                           : 1.0.0.110
  RP3DAA32.dll                                          : 6.0.6001.18
  RP3DHT32.dll                                          : 6.0.6001.18
  RTCOMDLL.dll                                          : 2.0.0.117
  RtkAPO.dll                                            : 11.0.6000.104
  RtkApoApi.dll                                         : 1.0.0.10
  RtkCfg.dll                                            : 1.0.0.1
  RtkCoInst.dll                                         : 1.0.6.7
  RtkPgExt.dll                                          : 6.0.6000.89
  RtlCPAPI.dll                                          : 1.0.2.4
  SFFXComm.dll                                          : 2.0.0.8
  SFFXDAPO.dll                                          : 2.0.0.8
  SFFXHAPO.dll                                          : 2.0.0.8
  SFFXProc.dll                                          : 2.0.0.8
  SFFXSAPO.dll                                          : 2.0.0.8
  slcshp32.dll                                          : 1.0.3.0
  slgeq32.dll                                           : 1.0.1.0
  slh36032.dll                                          : 1.0.2.0
  slInit32.dll                                          : 1.1.3.0
  slmaxv32.dll                                          : 1.1.2.0
  sltshd32.dll                                          : 1.1.1.0
  sluapo32.dll                                          : 1.4.8.0
  SRSHP360.dll                                          : 1.1.0.0
  SRSTSHD.dll                                           : 1.1.4.0
  SRSTSXT.dll                                           : 3.2.0.0
```

SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5919
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.5
RAVCpl64.exe : 1.0.0.401
RtkAudioService64.exe : 1.0.0.24
RtlUpd64.exe : 2.8.0.0
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.24
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.8
RTSnMg64.cpl : 1.0.0.17
AERTAC64.dll : 2.0.64.8
AERTAR64.dll : 1.0.64.8
FMAPO64.dll : 42.6.1.1
MaxxAudioAPO20.dll : 2.2.2.0
MBAPO32.dll : 1.0.19.0
MBAPO64.dll : 1.0.19.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.19.0
MBTHX32.dll : 1.0.8.0
MBTHX64.dll : 1.0.8.0
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.6.7
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.117
RTCOMDLL.dll : 2.0.0.117
RtkApi64.dll : 1.0.0.10
RtkAPO64.dll : 11.0.6000.104
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.1
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.89
SFComm64.dll : 2.0.0.8
SFDAPO64.dll : 2.0.0.8
SFHAPO64.dll : 2.0.0.8
SFProc64.dll : 2.0.0.8
SFSAPO64.dll : 2.0.0.8
slcshp64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.1.2.0
sltshd64.dll : 1.1.1.0
sluapo64.dll : 1.4.8.0
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0

HDMI Driver : ----------

Vista/Win7 x86:	
RtHDMIV.sys	: 6.0.1.5897
RtkAudioSrvATI.exe	: 1.0.0.23
RtkUpd.exe	: 2.8.0.0
RH3DAA32.dll	: 6.0.6001.18
RH3DHT32.dll	: 6.0.6001.18
RHCoInst.dll	: 1.0.6.4
RHDMIExt.dll	: 6.0.6000.82
RtkHDMI.dll	: 11.0.6000.101
Vista/Win7 x64:	
RtHDMIVX.sys	: 6.0.1.5897
RtkAudioSrvATI64.exe	: 1.0.0.23
RtkUpd64.exe	: 2.8.0.0
RH3DAA64.dll	: 6.0.6001.18
RH3DHT64.dll	: 6.0.6001.18
RHCoInst64.dll	: 1.0.6.4
RHDMEx64.dll	: 6.0.6000.82
RtkHDM64.dll	: 11.0.6000.101
XP/2K x86:	
RtkHDMI.sys	: 5.10.0.5880
RtkUpd.exe	: 2.7.1.3
RHCoInstXP.dll	: 1.0.5.1
XP/2K x64:	
RtkHDMIX.sys	: 5.10.0.5880
RtkUpd64.exe	: 2.7.1.3
RHCoInst64XP.dll	: 1.0.5.1
Driver Setup Program	: 2.83

Windows 2000/XP Operate on :
Microsoft High Definition Audio Driver Package - KB888111
Package file version (kb888111.exe) : 6.1.22.0
Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.30
Realtek HD Audio Driver support all of Realtek HD Audio Codec .
1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888, ALC889, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273, ALC887,ALC670, ALC275
2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886, ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262, ALC267,ALC268, ALC269, ALC272, ALC273, ALC887,ALC670, ALC275
3. HDMI Device WHQL Support: ATI HDMI Devices
4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
1.) Driver :

1. Customizations.
2. Fix DTM testing issue under Win7.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.5911
RTKHDAUD.sys	: 5.10.0.5911
MicCal.exe	: 1.1.2.2
RTHDCPL.exe	: 2.3.0.7
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.8.0.0
RtlUpd.exe	: 2.8.0.0
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.23
vncutil.exe	: 1.0.0.23
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
RTSndMgr.cpl	: 1.0.1.4
ALSndMgr.cpl	: 1.0.0.11
RCoInst64XP.dll	: 1.0.6.5
RTCOMDLL.dll	: 1.0.0.103
RtkCoInstXP.dll	: 1.0.6.5
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86	
RTKVHDA.sys	: 6.0.1.5911
AERTSrv.exe	: 1.0.32.9
APOPCH.exe	: 1.0.0.0
RtHDVBg.exe	: 1.0.0.5
RtHDVCpl.exe	: 1.0.0.395
RtkAudioService.exe	: 1.0.0.24
RtlUpd.exe	: 2.8.0.0
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.23
mbfilt32.sys	: 6.10.0.6
RTSndMgr.cpl	: 1.0.0.17
AERTACap.dll	: 2.0.32.8
AERTARen.dll	: 1.0.32.8
FMAPO.dll	: 42.5.1.1
MaxxAudioAPO.dll	: 1.2.2.0
MaxxAudioAPO20.dll	: 2.2.2.0
MaxxAudioEQ.dll	: 5.9.7.0
MBAPO32.dll	: 1.0.9.0
MBPPCn32.dll	: 1.0.0.110
MBppld32.dll	: 1.0.9.0
MBTHX32.dll	: 1.0.8.0
MBWrp32.dll	: 1.0.0.110

RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.117
RtkAPO.dll : 11.0.6000.101
RtkApoApi.dll : 1.0.0.10
RtkCfg.dll : 1.0.0.1
RtkCoInst.dll : 1.0.6.5
RtkPgExt.dll : 6.0.6000.87
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.8
SFFXDAPO.dll : 2.0.0.8
SFFXHAPO.dll : 2.0.0.8
SFFXProc.dll : 2.0.0.8
SFFXSAPO.dll : 2.0.0.8
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.4.8.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5911
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.5
RAVCpl64.exe : 1.0.0.395
RtkAudioService64.exe : 1.0.0.24
RtlUpd64.exe : 2.8.0.0
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.23
GWfilt64.sys : 6.10.0.3
mbfilt64.sys : 6.10.0.6
RTSnMg64.cpl : 1.0.0.17
AERTAC64.dll : 2.0.64.8
AERTAR64.dll : 1.0.64.8
FMAPO64.dll : 42.6.1.1
MaxxAudioAPO20.dll : 2.2.2.0
MBAPO32.dll : 1.0.9.0
MBAPO64.dll : 1.0.9.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.9.0
MBTHX32.dll : 1.0.8.0
MBTHX64.dll : 1.0.8.0
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.6.5
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.117

RTCOMDLL.dll : 2.0.0.117
RtkApi64.dll : 1.0.0.10
RtkAPO64.dll : 11.0.6000.101
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.1
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.87
SFComm64.dll : 2.0.0.8
SFDAPO64.dll : 2.0.0.8
SFHAPO64.dll : 2.0.0.8
SFProc64.dll : 2.0.0.8
SFSAPO64.dll : 2.0.0.8
slcshp64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.1.2.0
sltshd64.dll : 1.1.1.0
sluapo64.dll : 1.4.8.0
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0

HDMI Driver : ----------

Vista/Win7 x86:
RtHDMIV.sys : 6.0.1.5897
RtkAudioSrvATI.exe : 1.0.0.23
RtkUpd.exe : 2.8.0.0
RH3DAA32.dll : 6.0.6001.18
RH3DHT32.dll : 6.0.6001.18
RHCoInst.dll : 1.0.6.4
RHDMIExt.dll : 6.0.6000.82
RtkHDMI.dll : 11.0.6000.101

Vista/Win7 x64:
RtHDMIVX.sys : 6.0.1.5897
RtkAudioSrvATI64.exe : 1.0.0.23
RtkUpd64.exe : 2.8.0.0
RH3DAA64.dll : 6.0.6001.18
RH3DHT64.dll : 6.0.6001.18
RHCoInst64.dll : 1.0.6.4
RHDMEx64.dll : 6.0.6000.82
RtkHDM64.dll : 11.0.6000.101

XP/2K x86:
RtkHDMI.sys : 5.10.0.5880
RtkUpd.exe : 2.7.1.3
RHCoInstXP.dll : 1.0.5.1
XP/2K x64:
RtkHDMIX.sys : 5.10.0.5880
RtkUpd64.exe : 2.7.1.3

```
  RHCoInst64XP.dll                                    : 1.0.5.1

  Driver Setup Program                                : 2.81

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.29
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC886, ALC888,
ALC889, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268,
ALC269, ALC272, ALC273, ALC887,ALC670
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC886,
ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260,
ALC262, ALC267,ALC268, ALC269, ALC272, ALC273, ALC887,ALC670
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.5898
  RTKHDAUD.sys                                        : 5.10.0.5898
  Alcmtr.exe                                          : 1.6.0.4
  AlcWzrd.exe                                         : 1.1.0.37
  MicCal.exe                                          : 1.1.2.1
  RTHDCPL.exe                                         : 2.3.0.0
  RtkAudioService.exe                                 : 1.0.0.19
  RtkAudioService64.exe                               : 1.0.0.19
  RTLCPL.exe                                          : 1.0.1.66
  RtlUpd.exe                                          : 2.8.0.0
  RtlUpd64.exe                                        : 2.8.0.0
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  vncutil.exe                                         : 1.0.0.23
  vncutil64.exe                                       : 1.0.0.23
  AMBFilt.sys                                         : 5.10.0.4240
  AMBFt64.sys                                         : 5.10.0.4240
  Monfilt.sys                                         : 5.10.0.4112
  Monft64.sys                                         : 5.10.0.4115
  ALSndMgr.cpl                                        : 1.0.0.11
  RTSndMgr.cpl                                        : 1.0.1.3
  RCoInst64XP.dll                                     : 1.0.6.3
  RTCOMDLL.dll                                        : 1.0.0.103
  RtkCoInstXP.dll                                     : 1.0.6.3
  RtlCPAPI.dll                                        : 1.0.2.3
Vista/Win7 driver : --------------------------------------------------------
```

Vista/Win7 driver for x86

RTKVHDA.sys	: 6.0.1.5898
AERTSrv.exe	: 1.0.32.9
APOPCH.exe	: 1.0.0.0
RtHDVBg.exe	: 1.0.0.5
RtHDVCpl.exe	: 1.0.0.386
RtkAudioService.exe	: 1.0.0.24
RtlUpd.exe	: 2.8.0.0
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.23
mbfilt32.sys	: 6.10.0.6
RTSndMgr.cpl	: 1.0.0.16
AERTACap.dll	: 2.0.32.8
AERTARen.dll	: 1.0.32.8
FMAPO.dll	: 0.0.18.2
MaxxAudioAPO.dll	: 1.2.2.0
MaxxAudioAPO20.dll	: 2.2.2.0
MaxxAudioEQ.dll	: 5.9.7.0
MBAPO32.dll	: 1.0.9.0
MBPPCn32.dll	: 1.0.0.110
MBppld32.dll	: 1.0.9.0
MBTHX32.dll	: 1.0.6.0
MBWrp32.dll	: 1.0.0.110
RP3DAA32.dll	: 6.0.6001.18
RP3DHT32.dll	: 6.0.6001.18
RTCOMDLL.dll	: 2.0.0.117
RtkAPO.dll	: 11.0.6000.101
RtkApoApi.dll	: 1.0.0.10
RtkCfg.dll	: 1.0.0.1
RtkCoInst.dll	: 1.0.6.4
RtkPgExt.dll	: 6.0.6000.84
RtlCPAPI.dll	: 1.0.2.4
SFFXComm.dll	: 2.0.0.6
SFFXDAPO.dll	: 2.0.0.6
SFFXHAPO.dll	: 2.0.0.6
SFFXProc.dll	: 2.0.0.6
SFFXSAPO.dll	: 2.0.0.6
slcshp32.dll	: 1.0.3.0
slgeq32.dll	: 1.0.1.0
slh36032.dll	: 1.0.2.0
slInit32.dll	: 1.1.3.0
slmaxv32.dll	: 1.1.2.0
sltshd32.dll	: 1.1.1.0
sluapo32.dll	: 1.4.8.0
SRSHP360.dll	: 1.1.0.0
SRSTSHD.dll	: 1.1.4.0
SRSTSXT.dll	: 3.2.0.0
SRSWOW.dll	: 1.1.3.0
WavesLib.dll	: 5.9.7.0

Vista/Win7 driver for x64

RTKVHD64.sys	: 6.0.1.5898
AERTSr64.exe	: 1.0.64.9
APOPCH.exe	: 1.0.0.0
RAVBg64.exe	: 1.0.0.5

```
  RAVCpl64.exe                                        : 1.0.0.386
  RtkAudioService64.exe                               : 1.0.0.24
  RtlUpd64.exe                                        : 2.8.0.0
  SkyTel.exe                                          : 2.0.2.2
  vncutil64.exe                                       : 1.0.0.23
  GWfilt64.sys                                        : 6.10.0.3
  mbfilt64.sys                                        : 6.10.0.6
  RTSnMg64.cpl                                        : 1.0.0.16
  AERTAC64.dll                                        : 2.0.64.8
  AERTAR64.dll                                        : 1.0.64.8
  FMAPO64.dll                                         : 0.0.18.2
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MBAPO32.dll                                         : 1.0.9.0
  MBAPO64.dll                                         : 1.0.9.0
  MBPPCn64.dll                                        : 1.0.0.110
  MBppld64.dll                                        : 1.0.9.0
  MBTHX32.dll                                         : 1.0.6.0
  MBTHX64.dll                                         : 1.0.6.0
  MBWrp64.dll                                         : 1.0.0.110
  RCoInst64.dll                                       : 1.0.6.4
  RP3DAA64.dll                                        : 6.0.6001.18
  RP3DHT64.dll                                        : 6.0.6001.18
  RtCOM64.dll                                         : 2.0.0.117
  RTCOMDLL.dll                                        : 2.0.0.117
  RtkApi64.dll                                        : 1.0.0.10
  RtkAPO64.dll                                        : 11.0.6000.101
  RtkCfg.dll                                          : 1.0.0.1
  RtkCfg64.dll                                        : 1.0.0.1
  RtlCPAPI.dll                                        : 1.0.2.4
  RtlCPAPI64.dll                                      : 1.0.2.4
  RtPgEx64.dll                                        : 6.0.6000.84
  SFComm64.dll                                        : 2.0.0.6
  SFDAPO64.dll                                        : 2.0.0.6
  SFHAPO64.dll                                        : 2.0.0.6
  SFProc64.dll                                        : 2.0.0.6
  SFSAPO64.dll                                        : 2.0.0.6
  slcshp64.dll                                        : 1.0.3.0
  slgeq64.dll                                         : 1.0.1.0
  slh36064.dll                                        : 1.0.2.0
  slInit64.dll                                        : 1.1.3.0
  slmaxv64.dll                                        : 1.1.2.0
  sltshd64.dll                                        : 1.1.1.0
  sluapo64.dll                                        : 1.4.8.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                         : 6.0.1.5897
  RtkAudioSrvATI.exe                                  : 1.0.0.23
  RtkUpd.exe                                          : 2.8.0.0
  RH3DAA32.dll                                        : 6.0.6001.18
  RH3DHT32.dll                                        : 6.0.6001.18
```

```
  RHCoInst.dll                                          : 1.0.6.4
  RHDMIExt.dll                                          : 6.0.6000.82
  RtkHDMI.dll                                           : 11.0.6000.101


  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.5897
  RtkAudioSrvATI64.exe                                  : 1.0.0.23
  RtkUpd64.exe                                          : 2.8.0.0
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.6.4
  RHDMEx64.dll                                          : 6.0.6000.82
  RtkHDM64.dll                                          : 11.0.6000.101


  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5880
  RtkUpd.exe                                            : 2.7.1.3
  RHCoInstXP.dll                                        : 1.0.5.1
  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5880
  RtkUpd64.exe                                          : 2.7.1.3
  RHCoInst64XP.dll                                      : 1.0.5.1

  Driver Setup Program                                  : 2.81

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.28
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889,
ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269,
ALC272, ALC273, ALC887,ALC670
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887,ALC670
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
        2.) Package :
            1. Fix uninstallation driver issue under Windows x64 system .

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  Windows 2000/XP :
```

```
  RTKHDA64.sys                                          : 5.10.0.5888
  RTKHDAUD.sys                                          : 5.10.0.5888
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.1
  RTHDCPL.exe                                           : 2.2.9.7
  RtkAudioService.exe                                   : 1.0.0.19
  RtkAudioService64.exe                                 : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd.exe                                            : 2.8.0.0
  RtlUpd64.exe                                          : 2.8.0.0
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil.exe                                           : 1.0.0.23
  vncutil64.exe                                         : 1.0.0.23
  AMBFilt.sys                                           : 5.10.0.4240
  AMBFt64.sys                                           : 5.10.0.4240
  Monfilt.sys                                           : 5.10.0.4112
  Monft64.sys                                           : 5.10.0.4115
  ALSndMgr.cpl                                          : 1.0.0.11
  RTSndMgr.cpl                                          : 1.0.1.3
  RCoInst64XP.dll                                       : 1.0.6.2
  RTCOMDLL.dll                                          : 1.0.0.103
  RtkCoInstXP.dll                                       : 1.0.6.2
  RtlCPAPI.dll                                          : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                           : 6.0.1.5888
  AERTSrv.exe                                           : 1.0.32.9
  APOPCH.exe                                            : 1.0.0.0
  RtHDVBg.exe                                           : 1.0.0.5
  RtHDVCpl.exe                                          : 1.0.0.376
  RtkAudioService.exe                                   : 1.0.0.22
  RtlUpd.exe                                            : 2.8.0.0
  SkyTel.exe                                            : 2.0.2.2
  vncutil.exe                                           : 1.0.0.23
  RTSndMgr.cpl                                          : 1.0.0.15
  AERTACap.dll                                          : 2.0.32.8
  AERTARen.dll                                          : 1.0.32.8
  FMAPO.dll                                             : 0.0.18.2
  MaxxAudioAPO.dll                                      : 1.2.2.0
  MaxxAudioAPO20.dll                                    : 2.2.2.0
  MaxxAudioEQ.dll                                       : 5.9.7.0
  MBAPO32.dll                                           : 1.0.9.0
  MBPPCn32.dll                                          : 1.0.0.110
  MBppld32.dll                                          : 1.0.9.0
  MBWrp32.dll                                           : 1.0.0.110
  RP3DAA32.dll                                          : 6.0.6001.18
  RP3DHT32.dll                                          : 6.0.6001.18
  RTCOMDLL.dll                                          : 2.0.0.116
  RtkAPO.dll                                            : 11.0.6000.101
  RtkApoApi.dll                                         : 1.0.0.10
  RtkCfg.dll                                            : 1.0.0.1
  RtkCoInst.dll                                         : 1.0.6.2
```

RtkPgExt.dll : 6.0.6000.82
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.6
SFFXDAPO.dll : 2.0.0.6
SFFXHAPO.dll : 2.0.0.6
SFFXProc.dll : 2.0.0.6
SFFXSAPO.dll : 2.0.0.6
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.4.8.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
RCORES.dat : 1.0.0.5
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5888
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVBg64.exe : 1.0.0.5
RAVCpl64.exe : 1.0.0.376
RtkAudioService64.exe : 1.0.0.22
RtlUpd64.exe : 2.8.0.0
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.23
GWfilt64.sys : 6.10.0.3
RTSnMg64.cpl : 1.0.0.15
AERTAC64.dll : 2.0.64.8
AERTAR64.dll : 1.0.64.8
FMAPO64.dll : 0.0.18.2
MaxxAudioAPO20.dll : 2.2.2.0
MBAPO32.dll : 1.0.9.0
MBAPO64.dll : 1.0.9.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.9.0
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.6.2
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.116
RTCOMDLL.dll : 2.0.0.116
RtkApi64.dll : 1.0.0.10
RtkAPO64.dll : 11.0.6000.101
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.1
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.82
SFComm64.dll : 2.0.0.6

```
  SFDAPO64.dll                                          : 2.0.0.6
  SFHAPO64.dll                                          : 2.0.0.6
  SFProc64.dll                                          : 2.0.0.6
  SFSAPO64.dll                                          : 2.0.0.6
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.1.2.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.4.8.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  RCORES64.dat                                          : 1.0.0.5
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.5880
  RtkUpd.exe                                            : 2.7.1.3
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.6.0
  RHDMIExt.dll                                          : 6.0.6000.82
  RtkHDMI.dll                                           : 11.0.6000.100


  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.5880
  RtkUpd64.exe                                          : 2.7.1.3
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.6.0
  RHDMEx64.dll                                          : 6.0.6000.82
  RtkHDM64.dll                                          : 11.0.6000.100


  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5880
  RtkUpd.exe                                            : 2.7.1.3
  RHCoInstXP.dll                                        : 1.0.5.1
  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5880
  RtkUpd64.exe                                          : 2.7.1.3
  RHCoInst64XP.dll                                      : 1.0.5.1

  Driver Setup Program                                  : 2.80

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
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Driver Package R2.27

Realtek HD Audio Driver support all of Realtek HD Audio Codec .

1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273, ALC887
2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262, ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
3. HDMI Device WHQL Support: ATI HDMI Devices
4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
    1.) Driver :
        1. Customizations.
        2. Fix GUI issue which can't launch Windows MediaPlayer under Win7 OS.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.5874
RTKHDAUD.sys	: 5.10.0.5874
MicCal.exe	: 1.1.2.1
RTHDCPL.exe	: 2.2.9.2
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.7.1.4
RtlUpd.exe	: 2.7.1.4
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.23
vncutil.exe	: 1.0.0.23
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
RTSndMgr.cpl	: 1.0.1.3
ALSndMgr.cpl	: 1.0.0.11
RCoInst64XP.dll	: 1.0.5.9
RTCOMDLL.dll	: 1.0.0.103
RtkCoInstXP.dll	: 1.0.5.9
RtlCPAPI.dll	: 1.0.2.3

Vista/Win7 driver : ----------

Vista/Win7 driver for x86	
RTKVHDA.sys	: 6.0.1.5874
AERTSrv.exe	: 1.0.32.9
APOPCH.exe	: 1.0.0.0
RtHDVCpl.exe	: 1.0.0.366
RtkAudioService.exe	: 1.0.0.21
RtlUpd.exe	: 2.7.1.4
SkyTel.exe	: 2.0.2.2

vncutil.exe : 1.0.0.23
RTSndMgr.cpl : 1.0.0.15
AERTACap.dll : 2.0.32.8
AERTARen.dll : 1.0.32.8
FMAPO.dll : 0.0.14.1
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.2.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.9.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.9.0
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.113
RtkAPO.dll : 11.0.6000.100
RtkApoApi.dll : 1.0.0.10
RtkCfg.dll : 1.0.0.1
RtkCoInst.dll : 1.0.6.0
RtkPgExt.dll : 6.0.6000.82
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.6
SFFXDAPO.dll : 2.0.0.6
SFFXHAPO.dll : 2.0.0.6
SFFXProc.dll : 2.0.0.6
SFFXSAPO.dll : 2.0.0.6
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.1.2.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.4.8.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5874
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVCpl64.exe : 1.0.0.366
RtkAudioService64.exe : 1.0.0.21
RtlUpd64.exe : 2.7.1.4
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.23
GWfilt64.sys : 6.10.0.3
RTSnMg64.cpl : 1.0.0.15
AERTAC64.dll : 2.0.64.8
AERTAR64.dll : 1.0.64.8
FMAPO64.dll : 0.0.14.1
MaxxAudioAPO20.dll : 2.2.2.0
MBAPO32.dll : 1.0.9.0

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  MBAPO64.dll                                          : 1.0.9.0
  MBPPCn64.dll                                         : 1.0.0.110
  MBppld64.dll                                         : 1.0.9.0
  MBWrp64.dll                                          : 1.0.0.110
  RCoInst64.dll                                        : 1.0.6.0
  RP3DAA64.dll                                         : 6.0.6001.18
  RP3DHT64.dll                                         : 6.0.6001.18
  RtCOM64.dll                                          : 2.0.0.113
  RTCOMDLL.dll                                         : 2.0.0.113
  RtkApi64.dll                                         : 1.0.0.10
  RtkAPO64.dll                                         : 11.0.6000.100
  RtkCfg.dll                                           : 1.0.0.1
  RtkCfg64.dll                                         : 1.0.0.1
  RtlCPAPI.dll                                         : 1.0.2.4
  RtlCPAPI64.dll                                       : 1.0.2.4
  RtPgEx64.dll                                         : 6.0.6000.82
  SFComm64.dll                                         : 2.0.0.6
  SFDAPO64.dll                                         : 2.0.0.6
  SFHAPO64.dll                                         : 2.0.0.6
  SFProc64.dll                                         : 2.0.0.6
  SFSAPO64.dll                                         : 2.0.0.6
  slcshp64.dll                                         : 1.0.3.0
  slgeq64.dll                                          : 1.0.1.0
  slh36064.dll                                         : 1.0.2.0
  slInit64.dll                                         : 1.1.3.0
  slmaxv64.dll                                         : 1.1.2.0
  sltshd64.dll                                         : 1.1.1.0
  sluapo64.dll                                         : 1.4.8.0
  SRSHP64.dll                                          : 1.1.0.0
  SRSTSH64.dll                                         : 1.1.4.0
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                          : 6.0.1.5857
  RtkUpd.exe                                           : 2.7.1.3
  RH3DAA32.dll                                         : 6.0.6001.18
  RH3DHT32.dll                                         : 6.0.6001.18
  RHCoInst.dll                                         : 1.0.4.9
  RHDMIExt.dll                                         : 6.0.6000.79
  RtkHDMI.dll                                          : 11.0.6000.99

  Vista/Win7 x64:
  RtHDMIVX.sys                                         : 6.0.1.5857
  RtkUpd64.exe                                         : 2.7.1.3
  RH3DAA64.dll                                         : 6.0.6001.18
  RH3DHT64.dll                                         : 6.0.6001.18
  RHCoInst64.dll                                       : 1.0.4.4
  RHDMEx64.dll                                         : 6.0.6000.79
  RtkHDM64.dll                                         : 11.0.6000.99

  XP/2K x86:
  RtkHDMI.sys                                          : 5.10.0.5857
  RtkUpd.exe                                           : 2.7.1.3
```

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  RHCoInstXP.dll                                    : 1.0.5.1

  XP/2K x64:
  RtkHDMIX.sys                                      : 5.10.0.5857
  RtkUpd64.exe                                      : 2.7.1.3
  RHCoInst64XP.dll                                  : 1.0.5.1

  Driver Setup Program                              : 2.77

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

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Driver Package R2.26
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889,
ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269,
ALC272, ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Update SRS components.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                      : 5.10.0.5864
  RTKHDAUD.sys                                      : 5.10.0.5864
  MicCal.exe                                        : 1.1.2.1
  RTHDCPL.exe                                       : 2.2.9.0
  RtkAudioService64.exe                             : 1.0.0.19
  RtkAudioService.exe                               : 1.0.0.19
  RTLCPL.exe                                        : 1.0.1.66
  RtlUpd64.exe                                      : 2.7.1.3
  RtlUpd.exe                                        : 2.7.1.3
  SkyTel.exe                                        : 2.0.2.0
  SoundMan.exe                                      : 1.0.0.32
  vncutil64.exe                                     : 1.0.0.23
  vncutil.exe                                       : 1.0.0.23
  Alcmtr.exe                                        : 1.6.0.4
  AlcWzrd.exe                                       : 1.1.0.37
  AMBFt64.sys                                       : 5.10.0.4240
  Monfilt.sys                                       : 5.10.0.4112
  Monft64.sys                                       : 5.10.0.4115
  AMBFilt.sys                                       : 5.10.0.4240
  RTSndMgr.cpl                                      : 1.0.1.3
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  ALSndMgr.cpl                                        : 1.0.0.11
  RCoInst64XP.dll                                     : 1.0.5.6
  RTCOMDLL.dll                                        : 1.0.0.103
  RtkCoInstXP.dll                                     : 1.0.5.6
  RtlCPAPI.dll                                        : 1.0.2.3
Vista/Win7 driver : ------------------------------------------------------
  Vista/Win7 driver for x86
  RTKVHDA.sys                                         : 6.0.1.5864
  AERTSrv.exe                                         : 1.0.32.9
  APOPCH.exe                                          : 1.0.0.0
  RtHDVCpl.exe                                        : 1.0.0.356
  RtkAudioService.exe                                 : 1.0.0.19
  RtlUpd.exe                                          : 2.7.1.3
  SkyTel.exe                                          : 2.0.2.2
  vncutil.exe                                         : 1.0.0.23
  RTSndMgr.cpl                                        : 1.0.0.15
  AERTACap.dll                                        : 2.0.32.8
  AERTARen.dll                                        : 1.0.32.8
  FMAPO.dll                                           : 0.0.14.1
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  MBAPO32.dll                                         : 1.0.9.0
  MBPPCn32.dll                                        : 1.0.0.110
  MBppld32.dll                                        : 1.0.9.0
  MBWrp32.dll                                         : 1.0.0.110
  RP3DAA32.dll                                        : 6.0.6001.18
  RP3DHT32.dll                                        : 6.0.6001.18
  RTCOMDLL.dll                                        : 2.0.0.113
  RtkAPO.dll                                          : 11.0.6000.99
  RtkApoApi.dll                                       : 1.0.0.10
  RtkCfg.dll                                          : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.5.8
  RtkPgExt.dll                                        : 6.0.6000.79
  RtlCPAPI.dll                                        : 1.0.2.4
  SFFXComm.dll                                        : 2.0.0.6
  SFFXDAPO.dll                                        : 2.0.0.6
  SFFXHAPO.dll                                        : 2.0.0.6
  SFFXProc.dll                                        : 2.0.0.6
  SFFXSAPO.dll                                        : 2.0.0.6
  slcshp32.dll                                        : 1.0.3.0
  slgeq32.dll                                         : 1.0.1.0
  slh36032.dll                                        : 1.0.2.0
  slInit32.dll                                        : 1.1.3.0
  slmaxv32.dll                                        : 1.1.1.0
  sltshd32.dll                                        : 1.1.1.0
  sluapo32.dll                                        : 1.4.6.0
  SRSHP360.dll                                        : 1.1.0.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  WavesLib.dll                                        : 5.9.7.0
  Vista/Win7 driver for x64
  RTKVHD64.sys                                        : 6.0.1.5864
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  AERTSr64.exe                                       : 1.0.64.9
  APOPCH.exe                                         : 1.0.0.0
  RAVCpl64.exe                                       : 1.0.0.356
  RtkAudioService64.exe                              : 1.0.0.19
  RtlUpd64.exe                                       : 2.7.1.3
  SkyTel.exe                                         : 2.0.2.2
  vncutil64.exe                                      : 1.0.0.23
  GWfilt64.sys                                       : 6.10.0.3
  RTSnMg64.cpl                                       : 1.0.0.15
  AERTAC64.dll                                       : 2.0.64.8
  AERTAR64.dll                                       : 1.0.64.8
  FMAPO64.dll                                        : 0.0.14.1
  MaxxAudioAPO20.dll                                 : 2.2.2.0
  MBAPO32.dll                                        : 1.0.9.0
  MBAPO64.dll                                        : 1.0.9.0
  MBPPCn64.dll                                       : 1.0.0.110
  MBppld64.dll                                       : 1.0.9.0
  MBWrp64.dll                                        : 1.0.0.110
  RCoInst64.dll                                      : 1.0.5.8
  RP3DAA64.dll                                       : 6.0.6001.18
  RP3DHT64.dll                                       : 6.0.6001.18
  RtCOM64.dll                                        : 2.0.0.113
  RTCOMDLL.dll                                       : 2.0.0.113
  RtkApi64.dll                                       : 1.0.0.10
  RtkAPO64.dll                                       : 11.0.6000.99
  RtkCfg.dll                                         : 1.0.0.1
  RtkCfg64.dll                                       : 1.0.0.1
  RtlCPAPI.dll                                       : 1.0.2.4
  RtlCPAPI64.dll                                     : 1.0.2.4
  RtPgEx64.dll                                       : 6.0.6000.79
  SFComm64.dll                                       : 2.0.0.6
  SFDAPO64.dll                                       : 2.0.0.6
  SFHAPO64.dll                                       : 2.0.0.6
  SFProc64.dll                                       : 2.0.0.6
  SFSAPO64.dll                                       : 2.0.0.6
  slcshp64.dll                                       : 1.0.3.0
  slgeq64.dll                                        : 1.0.1.0
  slh36064.dll                                       : 1.0.2.0
  slInit64.dll                                       : 1.1.3.0
  slmaxv64.dll                                       : 1.1.1.0
  sltshd64.dll                                       : 1.1.1.0
  sluapo64.dll                                       : 1.4.6.0
  SRSHP64.dll                                        : 1.1.0.0
  SRSTSH64.dll                                       : 1.1.4.0
  SRSTSX64.dll                                       : 3.2.0.0
  SRSWOW64.dll                                       : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                        : 6.0.1.5857
  RtkUpd.exe                                         : 2.7.1.3
  RH3DAA32.dll                                       : 6.0.6001.18
  RH3DHT32.dll                                       : 6.0.6001.18
  RHCoInst.dll                                       : 1.0.4.9
  RHDMIExt.dll                                       : 6.0.6000.79
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  RtkHDMI.dll                                          : 11.0.6000.99

  Vista/Win7 x64:
  RtHDMIVX.sys                                         : 6.0.1.5857
  RtkUpd64.exe                                         : 2.7.1.3
  RH3DAA64.dll                                         : 6.0.6001.18
  RH3DHT64.dll                                         : 6.0.6001.18
  RHCoInst64.dll                                       : 1.0.4.4
  RHDMEx64.dll                                         : 6.0.6000.79
  RtkHDM64.dll                                         : 11.0.6000.99

  XP/2K x86:
  RtkHDMI.sys                                          : 5.10.0.5857
  RtkUpd.exe                                           : 2.7.1.3
  RHCoInstXP.dll                                       : 1.0.5.1

  XP/2K x64:
  RtkHDMIX.sys                                         : 5.10.0.5857
  RtkUpd64.exe                                         : 2.7.1.3
  RHCoInst64XP.dll                                     : 1.0.5.1

  Driver Setup Program                                 : 2.76

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.25
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista/Windows 7 WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889,
ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269,
ALC272, ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Windows 7 WHQL Driver.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                         : 5.10.0.5859
  RTKHDAUD.sys                                         : 5.10.0.5859
  Alcmtr.exe                                           : 1.6.0.4
  AlcWzrd.exe                                          : 1.1.0.37
  MicCal.exe                                           : 1.1.2.1
  RTHDCPL.exe                                          : 2.2.9.0
```

RtkAudioService.exe : 1.0.0.19
RtkAudioService64.exe : 1.0.0.19
RTLCPL.exe : 1.0.1.66
RtlUpd.exe : 2.7.1.3
RtlUpd64.exe : 2.7.1.3
SkyTel.exe : 2.0.2.0
SoundMan.exe : 1.0.0.32
vncutil.exe : 1.0.0.23
vncutil64.exe : 1.0.0.23
AMBFilt.sys : 5.10.0.4240
AMBFt64.sys : 5.10.0.4240
Monfilt.sys : 5.10.0.4112
Monft64.sys : 5.10.0.4115
ALSndMgr.cpl : 1.0.0.11
RTSndMgr.cpl : 1.0.1.3
RCoInst64XP.dll : 1.0.5.6
RTCOMDLL.dll : 1.0.0.103
RtkCoInstXP.dll : 1.0.5.6
RtlCPAPI.dll : 1.0.2.3
Vista/Win7 driver : ----------
Vista/Win7 driver for x86
RTKVHDA.sys : 6.0.1.5859
AERTSrv.exe : 1.0.32.9
APOPCH.exe : 1.0.0.0
RtHDVCpl.exe : 1.0.0.353
RtkAudioService.exe : 1.0.0.19
RtlUpd.exe : 2.7.1.3
SkyTel.exe : 2.0.2.2
vncutil.exe : 1.0.0.23
RTSndMgr.cpl : 1.0.0.15
AERTACap.dll : 2.0.32.8
AERTARen.dll : 1.0.32.8
FMAPO.dll : 0.0.14.1
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.2.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.9.0
MBPPCn32.dll : 1.0.0.110
MBppld32.dll : 1.0.9.0
MBWrp32.dll : 1.0.0.110
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.113
RtkAPO.dll : 11.0.6000.99
RtkApoApi.dll : 1.0.0.10
RtkCfg.dll : 1.0.0.1
RtkCoInst.dll : 1.0.5.8
RtkPgExt.dll : 6.0.6000.79
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.6
SFFXDAPO.dll : 2.0.0.6
SFFXHAPO.dll : 2.0.0.6
SFFXProc.dll : 2.0.0.6
SFFXSAPO.dll : 2.0.0.6

slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.0.4.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.3.4.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista/Win7 driver for x64
RTKVHD64.sys : 6.0.1.5859
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVCpl64.exe : 1.0.0.353
RtkAudioService64.exe : 1.0.0.19
RtlUpd64.exe : 2.7.1.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.23
GWfilt64.sys : 6.10.0.3
RTSnMg64.cpl : 1.0.0.15
AERTAC64.dll : 2.0.64.8
AERTAR64.dll : 1.0.64.8
FMAPO64.dll : 0.0.14.1
MaxxAudioAPO20.dll : 2.2.2.0
MBAPO32.dll : 1.0.9.0
MBAPO64.dll : 1.0.9.0
MBPPCn64.dll : 1.0.0.110
MBppld64.dll : 1.0.9.0
MBWrp64.dll : 1.0.0.110
RCoInst64.dll : 1.0.5.8
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.113
RTCOMDLL.dll : 2.0.0.113
RtkApi64.dll : 1.0.0.10
RtkAPO64.dll : 11.0.6000.99
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.1
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.79
SFComm64.dll : 2.0.0.6
SFDAPO64.dll : 2.0.0.6
SFHAPO64.dll : 2.0.0.6
SFProc64.dll : 2.0.0.6
SFSAPO64.dll : 2.0.0.6
slcshp64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.0.4.0

```
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.3.4.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista/Win7 x86:
  RtHDMIV.sys                                           : 6.0.1.5857
  RtkUpd.exe                                            : 2.7.1.3
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.4.9
  RHDMIExt.dll                                          : 6.0.6000.79
  RtkHDMI.dll                                           : 11.0.6000.99

  Vista/Win7 x64:
  RtHDMIVX.sys                                          : 6.0.1.5857
  RtkUpd64.exe                                          : 2.7.1.3
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.4.4
  RHDMEx64.dll                                          : 6.0.6000.79
  RtkHDM64.dll                                          : 11.0.6000.99

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5857
  RtkUpd.exe                                            : 2.7.1.3
  RHCoInstXP.dll                                        : 1.0.5.1

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5857
  RtkUpd64.exe                                          : 2.7.1.3
  RHCoInst64XP.dll                                      : 1.0.5.1

  Driver Setup Program                                  : 2.76

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.24
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
```

5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
1.) Driver :
1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :

RTKHDA64.sys	: 5.10.0.5854
RTKHDAUD.sys	: 5.10.0.5854
MicCal.exe	: 1.1.2.1
RTHDCPL.exe	: 2.2.8.8
RtkAudioService64.exe	: 1.0.0.19
RtkAudioService.exe	: 1.0.0.19
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.7.1.3
RtlUpd.exe	: 2.7.1.3
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.23
vncutil.exe	: 1.0.0.23
Alcmtr.exe	: 1.6.0.4
AlcWzrd.exe	: 1.1.0.37
Monfilt.sys	: 5.10.0.4112
Monft64.sys	: 5.10.0.4115
AMBFilt.sys	: 5.10.0.4240
AMBFt64.sys	: 5.10.0.4240
RTSndMgr.cpl	: 1.0.1.3
ALSndMgr.cpl	: 1.0.0.11
RCoInst64XP.dll	: 1.0.5.6
RTCOMDLL.dll	: 1.0.0.102
RtkCoInstXP.dll	: 1.0.5.6
RtlCPAPI.dll	: 1.0.2.3

Vista driver : ----------

Vista driver for x86

RTKVHDA.sys	: 6.0.1.5854
AERTSrv.exe	: 1.0.32.9
APOPCH.exe	: 1.0.0.0
RtHDVCpl.exe	: 1.0.0.352
RtkAudioService.exe	: 1.0.0.19
RtlUpd.exe	: 2.7.1.3
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.23
RTSndMgr.cpl	: 1.0.0.15
AERTACap.dll	: 2.0.32.8
AERTARen.dll	: 1.0.32.8
FMAPO.dll	: 0.0.14.1
MaxxAudioAPO.dll	: 1.2.2.0
MaxxAudioAPO20.dll	: 2.2.2.0
MaxxAudioEQ.dll	: 5.9.7.0
MBAPO32.dll	: 1.0.0.630
MBPPCn32.dll	: 1.0.0.80
MBppld32.dll	: 1.0.0.630
MBWrp32.dll	: 1.0.0.80
RP3DAA32.dll	: 6.0.6001.18

RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.113
RtkAPO.dll : 11.0.6000.99
RtkApoApi.dll : 1.0.0.10
RtkCfg.dll : 1.0.0.1
RtkCoInst.dll : 1.0.5.7
RtkPgExt.dll : 6.0.6000.79
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.6
SFFXDAPO.dll : 2.0.0.6
SFFXHAPO.dll : 2.0.0.6
SFFXProc.dll : 2.0.0.6
SFFXSAPO.dll : 2.0.0.6
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.0.4.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.3.4.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista driver for x64
RTKVHD64.sys : 6.0.1.5854
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVCpl64.exe : 1.0.0.352
RtkAudioService64.exe : 1.0.0.19
RtlUpd64.exe : 2.7.1.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.23
GWfilt64.sys : 6.10.0.3
RTSnMg64.cpl : 1.0.0.15
AERTAC64.dll : 2.0.64.8
AERTAR64.dll : 1.0.64.8
FMAPO64.dll : 0.0.14.1
MaxxAudioAPO20.dll : 2.2.2.0
MBAPO32.dll : 1.0.0.630
MBAPO64.dll : 1.0.0.630
MBPPCn64.dll : 1.0.0.80
MBppld64.dll : 1.0.0.630
MBWrp64.dll : 1.0.0.80
RCoInst64.dll : 1.0.5.7
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.113
RTCOMDLL.dll : 2.0.0.113
RtkApi64.dll : 1.0.0.10
RtkAPO64.dll : 11.0.6000.99
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.1

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  RtlCPAPI.dll                                          : 1.0.2.4
  RtlCPAPI64.dll                                        : 1.0.2.4
  RtPgEx64.dll                                          : 6.0.6000.79
  SFComm64.dll                                          : 2.0.0.6
  SFDAPO64.dll                                          : 2.0.0.6
  SFHAPO64.dll                                          : 2.0.0.6
  SFProc64.dll                                          : 2.0.0.6
  SFSAPO64.dll                                          : 2.0.0.6
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.0.4.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.3.4.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5832
  RtkUpd.exe                                            : 2.7.1.3
  RH3DAA32.dll                                          : 6.0.6001.18
  RH3DHT32.dll                                          : 6.0.6001.18
  RHCoInst.dll                                          : 1.0.4.9
  RHDMIExt.dll                                          : 6.0.6000.75
  RtkHDMI.dll                                           : 11.0.6000.95

  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5832
  RtkUpd64.exe                                          : 2.7.1.3
  RH3DAA64.dll                                          : 6.0.6001.18
  RH3DHT64.dll                                          : 6.0.6001.18
  RHCoInst64.dll                                        : 1.0.4.4
  RHDMEx64.dll                                          : 6.0.6000.75
  RtkHDM64.dll                                          : 11.0.6000.95

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5832
  RtkUpd.exe                                            : 2.7.1.3
  RHCoInstXP.dll                                        : 1.0.5.1

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5832
  RtkUpd64.exe                                          : 2.7.1.3
  RHCoInst64XP.dll                                      : 1.0.5.1

  Driver Setup Program                                  : 2.76

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
```

//=================
Driver Package R2.23
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262, ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003, Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Fix DTM 1.4 lullaby test & wave pull mode test issue.

Windows 2000/XP : --
  Windows 2000/XP :
  RTKHDA64.sys   : 5.10.0.5845
  RTKHDAUD.sys   : 5.10.0.5845
  Alcmtr.exe   : 1.6.0.4
  AlcWzrd.exe   : 1.1.0.37
  MicCal.exe   : 1.1.2.1
  RTHDCPL.exe   : 2.2.8.4
  RtkAudioService64.exe   : 1.0.0.19
  RtkAudioService.exe   : 1.0.0.19
  RTLCPL.exe   : 1.0.1.66
  RtlUpd64.exe   : 2.7.1.3
  RtlUpd.exe   : 2.7.1.3
  SkyTel.exe   : 2.0.2.0
  SoundMan.exe   : 1.0.0.32
  vncutil64.exe   : 1.0.0.23
  vncutil.exe   : 1.0.0.23
  AMBFilt.sys   : 5.10.0.4240
  AMBFt64.sys   : 5.10.0.4240
  Monfilt.sys   : 5.10.0.4112
  Monft64.sys   : 5.10.0.4115
  ALSndMgr.cpl   : 1.0.0.11
  RTSndMgr.cpl   : 1.0.1.3
  RCoInst64XP.dll   : 1.0.5.3
  RTCOMDLL.dll   : 1.0.0.102
  RtkCoInstXP.dll   : 1.0.5.3
  RtlCPAPI.dll   : 1.0.2.3
Vista driver : ---
  Vista driver for x86
  RTKVHDA.sys   : 6.0.1.5845
  AERTSrv.exe   : 1.0.32.9
  APOPCH.exe   : 1.0.0.0
  RtHDVCpl.exe   : 1.0.0.345
  RtkAudioService.exe   : 1.0.0.19
  RtlUpd.exe   : 2.7.1.3

SkyTel.exe : 2.0.2.2
vncutil.exe : 1.0.0.23
RTSndMgr.cpl : 1.0.0.15
AERTACap.dll : 2.0.32.8
AERTARen.dll : 1.0.32.8
FMAPO.dll : 0.0.14.1
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.2.0
MaxxAudioEQ.dll : 5.9.7.0
MBAPO32.dll : 1.0.0.630
MBPPCn32.dll : 1.0.0.80
MBppld32.dll : 1.0.0.630
MBWrp32.dll : 1.0.0.80
RP3DAA32.dll : 6.0.6001.18
RP3DHT32.dll : 6.0.6001.18
RTCOMDLL.dll : 2.0.0.113
RtkAPO.dll : 11.0.6000.98
RtkApoApi.dll : 1.0.0.10
RtkCfg.dll : 1.0.0.1
RtkCoInst.dll : 1.0.5.5
RtkPgExt.dll : 6.0.6000.78
RtlCPAPI.dll : 1.0.2.4
SFFXComm.dll : 2.0.0.6
SFFXDAPO.dll : 2.0.0.6
SFFXHAPO.dll : 2.0.0.6
SFFXProc.dll : 2.0.0.6
SFFXSAPO.dll : 2.0.0.6
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.3.0
slmaxv32.dll : 1.0.4.0
sltshd32.dll : 1.1.1.0
sluapo32.dll : 1.3.4.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista driver for x64
RTKVHD64.sys : 6.0.1.5845
AERTSr64.exe : 1.0.64.9
APOPCH.exe : 1.0.0.0
RAVCpl64.exe : 1.0.0.345
RtkAudioService64.exe : 1.0.0.19
RtlUpd64.exe : 2.7.1.3
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.23
GWfilt64.sys : 6.10.0.3
RTSnMg64.cpl : 1.0.0.15
AERTAC64.dll : 2.0.64.8
AERTAR64.dll : 1.0.64.8
FMAPO64.dll : 0.0.14.1
MaxxAudioAPO20.dll : 2.2.2.0

MBAPO32.dll : 1.0.0.630
MBAPO64.dll : 1.0.0.630
MBPPCn64.dll : 1.0.0.80
MBppld64.dll : 1.0.0.630
MBWrp64.dll : 1.0.0.80
RCoInst64.dll : 1.0.5.5
RP3DAA64.dll : 6.0.6001.18
RP3DHT64.dll : 6.0.6001.18
RtCOM64.dll : 2.0.0.113
RTCOMDLL.dll : 2.0.0.113
RtkApi64.dll : 1.0.0.10
RtkAPO64.dll : 11.0.6000.98
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.1
RtlCPAPI.dll : 1.0.2.4
RtlCPAPI64.dll : 1.0.2.4
RtPgEx64.dll : 6.0.6000.78
SFComm64.dll : 2.0.0.6
SFDAPO64.dll : 2.0.0.6
SFHAPO64.dll : 2.0.0.6
SFProc64.dll : 2.0.0.6
SFSAPO64.dll : 2.0.0.6
slcshp64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slInit64.dll : 1.1.3.0
slmaxv64.dll : 1.0.4.0
sltshd64.dll : 1.1.1.0
sluapo64.dll : 1.3.4.0
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0
SRSTSX64.dll : 3.2.0.0
SRSWOW64.dll : 1.1.3.0

HDMI Driver : ----------

Vista x86:
RtHDMIV.sys : 6.0.1.5832
RtkUpd.exe : 2.7.1.3
RH3DAA32.dll : 6.0.6001.18
RH3DHT32.dll : 6.0.6001.18
RHCoInst.dll : 1.0.4.9
RHDMIExt.dll : 6.0.6000.75
RtkHDMI.dll : 11.0.6000.95

Vista x64:
RtHDMIVX.sys : 6.0.1.5832
RtkUpd64.exe : 2.7.1.3
RH3DAA64.dll : 6.0.6001.18
RH3DHT64.dll : 6.0.6001.18
RHCoInst64.dll : 1.0.4.4
RHDMEx64.dll : 6.0.6000.75
RtkHDM64.dll : 11.0.6000.95

XP/2K x86:
RtkHDMI.sys : 5.10.0.5832

```
  RtkUpd.exe                                          : 2.7.1.3
  RHCoInstXP.dll                                      : 1.0.5.1

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.5832
  RtkUpd64.exe                                        : 2.7.1.3
  RHCoInst64XP.dll                                    : 1.0.5.1

  Driver Setup Program                                : 2.75

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.22
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.5832
  RTKHDAUD.sys                                        : 5.10.0.5832
  MicCal.exe                                          : 1.1.2.1
  RTHDCPL.exe                                         : 2.2.7.8
  RtkAudioService64.exe                               : 1.0.0.19
  RtkAudioService.exe                                 : 1.0.0.19
  RTLCPL.exe                                          : 1.0.1.66
  RtlUpd64.exe                                        : 2.7.1.3
  RtlUpd.exe                                          : 2.7.1.3
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  vncutil64.exe                                       : 1.0.0.23
  vncutil.exe                                         : 1.0.0.23
  Alcmtr.exe                                          : 1.6.0.4
  AlcWzrd.exe                                         : 1.1.0.37
  Monfilt.sys                                         : 5.10.0.4112
  Monft64.sys                                         : 5.10.0.4115
  AMBFilt.sys                                         : 5.10.0.4240
  AMBFt64.sys                                         : 5.10.0.4240
  RTSndMgr.cpl                                        : 1.0.1.2
```

```
  ALSndMgr.cpl                                        : 1.0.0.11
  RCoInst64XP.dll                                     : 1.0.5.0
  RTCOMDLL.dll                                        : 1.0.0.101
  RtkCoInstXP.dll                                     : 1.0.5.0
  RtlCPAPI.dll                                        : 1.0.2.2
Vista driver : ------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                         : 6.0.1.5832
  AERTSrv.exe                                         : 1.0.32.8
  APOPCH.exe                                          : 1.0.0.0
  RtHDVCpl.exe                                        : 1.0.0.334
  RtkAudioService.exe                                 : 1.0.0.19
  RtlUpd.exe                                          : 2.7.1.3
  SkyTel.exe                                          : 2.0.2.2
  vncutil.exe                                         : 1.0.0.23
  RTSndMgr.cpl                                        : 1.0.0.15
  AERTACap.dll                                        : 2.0.32.7
  AERTARen.dll                                        : 1.0.32.7
  FMAPO.dll                                           : 0.0.14.1
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  MBAPO32.dll                                         : 1.0.0.630
  MBPPCn32.dll                                        : 1.0.0.80
  MBppld32.dll                                        : 1.0.0.630
  MBWrp32.dll                                         : 1.0.0.80
  RP3DAA32.dll                                        : 6.0.6001.18
  RP3DHT32.dll                                        : 6.0.6001.18
  RTCOMDLL.dll                                        : 2.0.0.111
  RtkAPO.dll                                          : 11.0.6000.95
  RtkApoApi.dll                                       : 1.0.0.10
  RtkCfg.dll                                          : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.5.2
  RtkPgExt.dll                                        : 6.0.6000.75
  RtlCPAPI.dll                                        : 1.0.2.2
  SFCPStr.dll                                         : 1.1.0.3
  SFFXComm.dll                                        : 1.1.0.3
  SFFXCP.dll                                          : 1.1.0.3
  SFFXLAPO.dll                                        : 1.1.0.3
  SFFXProc.dll                                        : 1.1.0.3
  SFFXSAPO.dll                                        : 1.1.0.3
  slcshp32.dll                                        : 1.0.3.0
  slgeq32.dll                                         : 1.0.1.0
  slh36032.dll                                        : 1.0.2.0
  slInit32.dll                                        : 1.1.3.0
  slmaxv32.dll                                        : 1.0.4.0
  sltshd32.dll                                        : 1.1.1.0
  sluapo32.dll                                        : 1.3.4.0
  SRSHP360.dll                                        : 1.1.0.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  WavesLib.dll                                        : 5.9.7.0
  Vista driver for x64
```

```
  RTKVHD64.sys                                          : 6.0.1.5832
  AERTSr64.exe                                          : 1.0.64.8
  APOPCH.exe                                            : 1.0.0.0
  RAVCpl64.exe                                          : 1.0.0.334
  RtkAudioService64.exe                                 : 1.0.0.19
  RtlUpd64.exe                                          : 2.7.1.3
  SkyTel.exe                                            : 2.0.2.2
  vncutil64.exe                                         : 1.0.0.23
  GWfilt64.sys                                          : 6.10.0.3
  RTSnMg64.cpl                                          : 1.0.0.15
  AERTAC64.dll                                          : 2.0.64.7
  AERTAR64.dll                                          : 1.0.64.7
  FMAPO64.dll                                           : 0.0.14.1
  MaxxAudioAPO20.dll                                    : 2.2.2.0
  MBAPO32.dll                                           : 1.0.0.630
  MBAPO64.dll                                           : 1.0.0.630
  MBPPCn64.dll                                          : 1.0.0.80
  MBppld64.dll                                          : 1.0.0.630
  MBWrp64.dll                                           : 1.0.0.80
  RCoInst64.dll                                         : 1.0.5.2
  RP3DAA64.dll                                          : 6.0.6001.18
  RP3DHT64.dll                                          : 6.0.6001.18
  RtCOM64.dll                                           : 2.0.0.111
  RTCOMDLL.dll                                          : 2.0.0.111
  RtkApi64.dll                                          : 1.0.0.10
  RtkAPO64.dll                                          : 11.0.6000.95
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.1
  RtlCPAPI.dll                                          : 1.0.2.2
  RtlCPAPI64.dll                                        : 1.0.2.2
  RtPgEx64.dll                                          : 6.0.6000.75
  SFComm64.dll                                          : 1.1.0.3
  SFCP64.dll                                            : 1.1.0.3
  SFCPStr.dll                                           : 1.1.0.3
  SFLAPO64.dll                                          : 1.1.0.3
  SFProc64.dll                                          : 1.1.0.3
  SFSAPO64.dll                                          : 1.1.0.3
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.3.0
  slmaxv64.dll                                          : 1.0.4.0
  sltshd64.dll                                          : 1.1.1.0
  sluapo64.dll                                          : 1.3.4.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5796
  RtkUpd.exe                                            : 2.7.1.2
  AHPCEE32.dll                                          : 6.0.6001.17
  RHCoInst.dll                                          : 1.0.4.4
```

```
  RHDMIExt.dll                                        : 6.0.6000.69
  RtkHDMI.dll                                         : 11.0.6000.88

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5796
  RtkUpd64.exe                                        : 2.7.1.2
  AHPCEE64.dll                                        : 6.0.6001.17
  RHCoInst64.dll                                      : 1.0.4.4
  RHDMEx64.dll                                        : 6.0.6000.69
  RtkHDM64.dll                                        : 11.0.6000.88

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.5796
  RtkUpd.exe                                          : 2.7.1.2

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.5796
  RtkUpd64.exe                                        : 2.7.1.2

  Driver Setup Program                                : 2.75

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.21
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Support ALC275.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.5821
  RTKHDAUD.sys                                        : 5.10.0.5821
  MicCal.exe                                          : 1.1.2.1
  RTHDCPL.exe                                         : 2.2.7.5
  RtkAudioService64.exe                               : 1.0.0.19
  RtkAudioService.exe                                 : 1.0.0.19
  RTLCPL.exe                                          : 1.0.1.66
  RtlUpd64.exe                                        : 2.7.1.2
```

```
  RtlUpd.exe                                          : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  vncutil64.exe                                       : 1.0.0.23
  vncutil.exe                                         : 1.0.0.23
  Alcmtr.exe                                          : 1.6.0.4
  AlcWzrd.exe                                         : 1.1.0.37
  Monfilt.sys                                         : 5.10.0.4112
  Monft64.sys                                         : 5.10.0.4115
  AMBFilt.sys                                         : 5.10.0.4240
  AMBFt64.sys                                         : 5.10.0.4240
  RTSndMgr.cpl                                        : 1.0.1.2
  ALSndMgr.cpl                                        : 1.0.0.11
  RCoInst64XP.dll                                     : 1.0.5.0
  RTCOMDLL.dll                                        : 1.0.0.100
  RtkCoInstXP.dll                                     : 1.0.5.0
  RtlCPAPI.dll                                        : 1.0.2.2
Vista driver : ------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                         : 6.0.1.5821
  AERTSrv.exe                                         : 1.0.32.8
  APOPCH.exe                                          : 1.0.0.0
  RtHDVCpl.exe                                        : 1.0.0.323
  RtkAudioService.exe                                 : 1.0.0.19
  RtlUpd.exe                                          : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.2
  vncutil.exe                                         : 1.0.0.23
  RTSndMgr.cpl                                        : 1.0.0.15
  AERTACap.dll                                        : 2.0.32.7
  AERTARen.dll                                        : 1.0.32.7
  FMAPO.dll                                           : 0.0.14.1
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  MBAPO32.dll                                         : 1.0.0.630
  MBPPCn32.dll                                        : 1.0.0.80
  MBppld32.dll                                        : 1.0.0.630
  MBWrp32.dll                                         : 1.0.0.80
  RTCOMDLL.dll                                        : 2.0.0.110
  RtkAPO.dll                                          : 11.0.6000.90
  RtkApoApi.dll                                       : 1.0.0.10
  RtkCfg.dll                                          : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.5.0
  RtkPgExt.dll                                        : 6.0.6000.70
  RtlCPAPI.dll                                        : 1.0.2.2
  RTPCEE32.dll                                        : 6.0.6001.17
  slcshp32.dll                                        : 1.0.3.0
  slgeq32.dll                                         : 1.0.1.0
  slh36032.dll                                        : 1.0.2.0
  slInit32.dll                                        : 1.1.3.0
  slmaxv32.dll                                        : 1.0.4.0
  sltshd32.dll                                        : 1.1.1.0
  sluapo32.dll                                        : 1.3.4.0
  SRSHP360.dll                                        : 1.1.0.0
```

```
  SRSTSHD.dll                                          : 1.1.4.0
  SRSTSXT.dll                                          : 3.2.0.0
  SRSWOW.dll                                           : 1.1.3.0
  WavesLib.dll                                         : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                         : 6.0.1.5821
  AERTSr64.exe                                         : 1.0.64.8
  APOPCH.exe                                           : 1.0.0.0
  RAVCpl64.exe                                         : 1.0.0.323
  RtkAudioService64.exe                                : 1.0.0.19
  RtlUpd64.exe                                         : 2.7.1.2
  SkyTel.exe                                           : 2.0.2.2
  vncutil64.exe                                        : 1.0.0.23
  GWfilt64.sys                                         : 6.10.0.3
  RTSnMg64.cpl                                         : 1.0.0.15
  AERTAC64.dll                                         : 2.0.64.7
  AERTAR64.dll                                         : 1.0.64.7
  FMAPO64.dll                                          : 0.0.14.1
  MaxxAudioAPO20.dll                                   : 2.2.2.0
  MBAPO32.dll                                          : 1.0.0.630
  MBAPO64.dll                                          : 1.0.0.630
  MBPPCn64.dll                                         : 1.0.0.80
  MBppld64.dll                                         : 1.0.0.630
  MBWrp64.dll                                          : 1.0.0.80
  RCoInst64.dll                                        : 1.0.5.0
  RtCOM64.dll                                          : 2.0.0.110
  RTCOMDLL.dll                                         : 2.0.0.110
  RtkApi64.dll                                         : 1.0.0.10
  RtkAPO64.dll                                         : 11.0.6000.90
  RtkCfg.dll                                           : 1.0.0.1
  RtkCfg64.dll                                         : 1.0.0.1
  RtlCPAPI.dll                                         : 1.0.2.2
  RtlCPAPI64.dll                                       : 1.0.2.2
  RTPCEE64.dll                                         : 6.0.6001.17
  RtPgEx64.dll                                         : 6.0.6000.70
  slcshp64.dll                                         : 1.0.3.0
  slgeq64.dll                                          : 1.0.1.0
  slh36064.dll                                         : 1.0.2.0
  slInit64.dll                                         : 1.1.3.0
  slmaxv64.dll                                         : 1.0.4.0
  sltshd64.dll                                         : 1.1.1.0
  sluapo64.dll                                         : 1.3.4.0
  SRSHP64.dll                                          : 1.1.0.0
  SRSTSH64.dll                                         : 1.1.4.0
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                          : 6.0.1.5796
  RtkUpd.exe                                           : 2.7.1.2
  AHPCEE32.dll                                         : 6.0.6001.17
  RHCoInst.dll                                         : 1.0.4.4
  RHDMIExt.dll                                         : 6.0.6000.69
  RtkHDMI.dll                                          : 11.0.6000.88
```

```
  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5796
  RtkUpd64.exe                                          : 2.7.1.2
  AHPCEE64.dll                                          : 6.0.6001.17
  RHCoInst64.dll                                        : 1.0.4.4
  RHDMEx64.dll                                          : 6.0.6000.69
  RtkHDM64.dll                                          : 11.0.6000.88

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5796
  RtkUpd.exe                                            : 2.7.1.2

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5796
  RtkUpd64.exe                                          : 2.7.1.2

  Driver Setup Program                                  : 2.74

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.20
    Realtek HD Audio Driver support all of Realtek HD Audio Codec .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Windows Server 2003,
Vista, Windows Server 2008, Windows7 - x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5817
  RTKHDAUD.sys                                          : 5.10.0.5817
  Alcmtr.exe                                            : 1.6.0.4
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.1
  RTHDCPL.exe                                           : 2.2.7.4
  RtkAudioService64.exe                                 : 1.0.0.19
  RtkAudioService.exe                                   : 1.0.0.19
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.7.1.2
```

```
  RtlUpd.exe                                          : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  vncutil64.exe                                       : 1.0.0.23
  vncutil.exe                                         : 1.0.0.23
  AMBFilt.sys                                         : 5.10.0.4240
  AMBFt64.sys                                         : 5.10.0.4240
  Monfilt.sys                                         : 5.10.0.4112
  Monft64.sys                                         : 5.10.0.4115
  ALSndMgr.cpl                                        : 1.0.0.11
  RTSndMgr.cpl                                        : 1.0.1.2
  RCoInst64XP.dll                                     : 1.0.5.0
  RTCOMDLL.dll                                        : 1.0.0.99
  RtkCoInstXP.dll                                     : 1.0.5.0
  RtlCPAPI.dll                                        : 1.0.2.2
Vista driver : ------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                         : 6.0.1.5817
  AERTSrv.exe                                         : 1.0.32.8
  APOPCH.exe                                          : 1.0.0.0
  RtHDVCpl.exe                                        : 1.0.0.319
  RtkAudioService.exe                                 : 1.0.0.19
  RtlUpd.exe                                          : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.2
  vncutil.exe                                         : 1.0.0.23
  RTSndMgr.cpl                                        : 1.0.0.15
  AERTACap.dll                                        : 2.0.32.5
  AERTARen.dll                                        : 1.0.32.7
  FMAPO.dll                                           : 0.0.14.1
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  MBAPO32.dll                                         : 1.0.0.630
  MBPPCn32.dll                                        : 1.0.0.80
  MBppld32.dll                                        : 1.0.0.630
  MBWrp32.dll                                         : 1.0.0.80
  RTCOMDLL.dll                                        : 2.0.0.109
  RtkAPO.dll                                          : 11.0.6000.90
  RtkApoApi.dll                                       : 1.0.0.10
  RtkCfg.dll                                          : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.5.0
  RtkPgExt.dll                                        : 6.0.6000.70
  RtlCPAPI.dll                                        : 1.0.2.2
  RTPCEE32.dll                                        : 6.0.6001.17
  slcshp32.dll                                        : 1.0.3.0
  slgeq32.dll                                         : 1.0.1.0
  slh36032.dll                                        : 1.0.2.0
  slInit32.dll                                        : 1.1.1.0
  sltshd32.dll                                        : 1.1.0.0
  sluapo32.dll                                        : 1.2.6.0
  SRSHP360.dll                                        : 1.1.0.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
```

```
  WavesLib.dll                                        : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                        : 6.0.1.5817
  AERTSr64.exe                                        : 1.0.64.8
  APOPCH.exe                                          : 1.0.0.0
  RAVCpl64.exe                                        : 1.0.0.319
  RtkAudioService64.exe                               : 1.0.0.19
  RtlUpd64.exe                                        : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.2
  vncutil64.exe                                       : 1.0.0.23
  GWfilt64.sys                                        : 6.10.0.3
  RTSnMg64.cpl                                        : 1.0.0.15
  AERTAC64.dll                                        : 2.0.64.1
  AERTAR64.dll                                        : 1.0.64.7
  FMAPO64.dll                                         : 0.0.14.1
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MBAPO32.dll                                         : 1.0.0.630
  MBAPO64.dll                                         : 1.0.0.630
  MBPPCn64.dll                                        : 1.0.0.80
  MBppld64.dll                                        : 1.0.0.630
  MBWrp64.dll                                         : 1.0.0.80
  RCoInst64.dll                                       : 1.0.5.0
  RtCOM64.dll                                         : 2.0.0.109
  RTCOMDLL.dll                                        : 2.0.0.109
  RtkApi64.dll                                        : 1.0.0.10
  RtkAPO64.dll                                        : 11.0.6000.90
  RtkCfg.dll                                          : 1.0.0.1
  RtkCfg64.dll                                        : 1.0.0.1
  RtlCPAPI.dll                                        : 1.0.2.2
  RtlCPAPI64.dll                                      : 1.0.2.2
  RTPCEE64.dll                                        : 6.0.6001.17
  RtPgEx64.dll                                        : 6.0.6000.70
  slcshp64.dll                                        : 1.0.3.0
  slgeq64.dll                                         : 1.0.1.0
  slh36064.dll                                        : 1.0.2.0
  slInit64.dll                                        : 1.1.1.0
  sltshd64.dll                                        : 1.1.0.0
  sluapo64.dll                                        : 1.2.6.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5796
  RtkUpd.exe                                          : 2.7.1.2
  AHPCEE32.dll                                        : 6.0.6001.17
  RHCoInst.dll                                        : 1.0.4.4
  RHDMIExt.dll                                        : 6.0.6000.69
  RtkHDMI.dll                                         : 11.0.6000.88

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5796
  RtkUpd64.exe                                        : 2.7.1.2
```

```
  AHPCEE64.dll                                        : 6.0.6001.17
  RHCoInst64.dll                                      : 1.0.4.4
  RHDMEx64.dll                                        : 6.0.6000.69
  RtkHDM64.dll                                        : 11.0.6000.88

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.5796
  RtkUpd.exe                                          : 2.7.1.2

  XP/2K x64:
  RtkHDMIX.sys                                        : 5.10.0.5796
  RtkUpd64.exe                                        : 2.7.1.2

  Driver Setup Program                                : 2.74

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.19
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista, Windows7
x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
        2.) Package :
            1. Fix upgraded warning dialog for Small VGA mode .
            2. Add failed run installation by count .

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.5809
  RTKHDAUD.sys                                        : 5.10.0.5809
  Alcmtr.exe                                          : 1.6.0.4
  AlcWzrd.exe                                         : 1.1.0.37
  MicCal.exe                                          : 1.1.2.1
  RTHDCPL.exe                                         : 2.2.7.1
  RtkAudioService64.exe                               : 1.0.0.17
  RtkAudioService.exe                                 : 1.0.0.16
  RTLCPL.exe                                          : 1.0.1.66
  RtlUpd64.exe                                        : 2.7.1.2
  RtlUpd.exe                                          : 2.7.1.2
```

```
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  vncutil64.exe                                       : 1.0.0.23
  vncutil.exe                                         : 1.0.0.23
  AMBFilt.sys                                         : 5.10.0.4240
  AMBFt64.sys                                         : 5.10.0.4240
  Monfilt.sys                                         : 5.10.0.4112
  Monft64.sys                                         : 5.10.0.4115
  ALSndMgr.cpl                                        : 1.0.0.11
  RTSndMgr.cpl                                        : 1.0.1.0
  RCoInst64XP.dll                                     : 1.0.4.9
  RTCOMDLL.dll                                        : 1.0.0.99
  RtkCoInstXP.dll                                     : 1.0.4.9
  RtlCPAPI.dll                                        : 1.0.2.2
Vista driver : ----------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                         : 6.0.1.5809
  AERTSrv.exe                                         : 1.0.32.8
  APOPCH.exe                                          : 1.0.0.0
  RtHDVCpl.exe                                        : 1.0.0.314
  RtkAudioService.exe                                 : 1.0.0.17
  RtlUpd.exe                                          : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.2
  vncutil.exe                                         : 1.0.0.23
  RTSndMgr.cpl                                        : 1.0.0.15
  AERTACap.dll                                        : 2.0.32.1
  AERTARen.dll                                        : 1.0.32.7
  FMAPO.dll                                           : 0.0.14.1
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  MBAPO32.dll                                         : 1.0.0.630
  MBPPCn32.dll                                        : 1.0.0.80
  MBppld32.dll                                        : 1.0.0.630
  MBWrp32.dll                                         : 1.0.0.80
  RTCOMDLL.dll                                        : 2.0.0.109
  RtkAPO.dll                                          : 11.0.6000.89
  RtkApoApi.dll                                       : 1.0.0.10
  RtkCfg.dll                                          : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.4.9
  RtkPgExt.dll                                        : 6.0.6000.70
  RtlCPAPI.dll                                        : 1.0.2.2
  RTPCEE32.dll                                        : 6.0.6001.17
  slcshp32.dll                                        : 1.0.3.0
  slgeq32.dll                                         : 1.0.1.0
  slh36032.dll                                        : 1.0.2.0
  slInit32.dll                                        : 1.1.1.0
  sltshd32.dll                                        : 1.1.0.0
  sluapo32.dll                                        : 1.2.6.0
  SRSHP360.dll                                        : 1.1.0.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  WavesLib.dll                                        : 5.9.7.0
```

```
  Vista driver for x64
  RTKVHD64.sys                                        : 6.0.1.5809
  AERTSr64.exe                                        : 1.0.64.8
  APOPCH.exe                                          : 1.0.0.0
  RAVCpl64.exe                                        : 1.0.0.314
  RtkAudioService64.exe                               : 1.0.0.17
  RtlUpd64.exe                                        : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.2
  vncutil64.exe                                       : 1.0.0.23
  GWfilt64.sys                                        : 6.10.0.3
  RTSnMg64.cpl                                        : 1.0.0.15
  AERTAC64.dll                                        : 2.0.64.1
  AERTAR64.dll                                        : 1.0.64.7
  FMAPO64.dll                                         : 0.0.14.1
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MBAPO32.dll                                         : 1.0.0.630
  MBAPO64.dll                                         : 1.0.0.630
  MBPPCn64.dll                                        : 1.0.0.80
  MBppld64.dll                                        : 1.0.0.630
  MBWrp64.dll                                         : 1.0.0.80
  RCoInst64.dll                                       : 1.0.4.9
  RtCOM64.dll                                         : 2.0.0.109
  RTCOMDLL.dll                                        : 2.0.0.109
  RtkApi64.dll                                        : 1.0.0.10
  RtkAPO64.dll                                        : 11.0.6000.89
  RtkCfg.dll                                          : 1.0.0.1
  RtkCfg64.dll                                        : 1.0.0.1
  RtlCPAPI.dll                                        : 1.0.2.2
  RtlCPAPI64.dll                                      : 1.0.2.2
  RTPCEE64.dll                                        : 6.0.6001.17
  RtPgEx64.dll                                        : 6.0.6000.70
  slcshp64.dll                                        : 1.0.3.0
  slgeq64.dll                                         : 1.0.1.0
  slh36064.dll                                        : 1.0.2.0
  slInit64.dll                                        : 1.1.1.0
  sltshd64.dll                                        : 1.1.0.0
  sluapo64.dll                                        : 1.2.6.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5796
  RtkUpd.exe                                          : 2.7.1.2
  AHPCEE32.dll                                        : 6.0.6001.17
  RHCoInst.dll                                        : 1.0.4.4
  RHDMIExt.dll                                        : 6.0.6000.69
  RtkHDMI.dll                                         : 11.0.6000.88

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5796
  RtkUpd64.exe                                        : 2.7.1.2
  AHPCEE64.dll                                        : 6.0.6001.17
```

```
  RHCoInst64.dll                                        : 1.0.4.4
  RHDMEx64.dll                                          : 6.0.6000.69
  RtkHDM64.dll                                          : 11.0.6000.88

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5796
  RtkUpd.exe                                            : 2.7.1.2

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5796
  RtkUpd64.exe                                          : 2.7.1.2

  Driver Setup Program                                  : 2.73

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.18
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista, Windows7
x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
        2.) Package :
            1. Support driver folder of Windows Server 2008 in package .
            2. Disable Status Dialog when small VGA Mode enabled .
            3. Fix CreativeUp folder disappear issue .

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5804
  RTKHDAUD.sys                                          : 5.10.0.5804
  MicCal.exe                                            : 1.1.2.0
  RTHDCPL.exe                                           : 2.2.6.9
  RtkAudioService64.exe                                 : 1.0.0.17
  RtkAudioService.exe                                   : 1.0.0.16
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.7.1.2
  RtlUpd.exe                                            : 2.7.1.2
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
```

```
  vncutil64.exe                                        : 1.0.0.23
  vncutil.exe                                          : 1.0.0.23
  Alcmtr.exe                                           : 1.6.0.4
  AlcWzrd.exe                                          : 1.1.0.37
  Monfilt.sys                                          : 5.10.0.4112
  Monft64.sys                                          : 5.10.0.4115
  AMBFilt.sys                                          : 5.10.0.4240
  AMBFt64.sys                                          : 5.10.0.4240
  RTSndMgr.cpl                                         : 1.0.1.0
  ALSndMgr.cpl                                         : 1.0.0.11
  RCoInst64XP.dll                                      : 1.0.4.8
  RTCOMDLL.dll                                         : 1.0.0.98
  RtkCoInstXP.dll                                      : 1.0.4.8
  RtlCPAPI.dll                                         : 1.0.2.1
Vista driver : ------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                          : 6.0.1.5804
  AERTSrv.exe                                          : 1.0.32.8
  APOPCH.exe                                           : 1.0.0.0
  RtHDVCpl.exe                                         : 1.0.0.311
  RtkAudioService.exe                                  : 1.0.0.17
  RtlUpd.exe                                           : 2.7.1.2
  SkyTel.exe                                           : 2.0.2.2
  vncutil.exe                                          : 1.0.0.23
  RTSndMgr.cpl                                         : 1.0.0.15
  AERTACap.dll                                         : 2.0.32.1
  AERTARen.dll                                         : 1.0.32.7
  FMAPO.dll                                            : 0.0.14.1
  MaxxAudioAPO.dll                                     : 1.2.2.0
  MaxxAudioAPO20.dll                                   : 2.2.2.0
  MaxxAudioEQ.dll                                      : 5.9.7.0
  MBAPO32.dll                                          : 1.0.0.630
  MBPPCn32.dll                                         : 1.0.0.80
  MBppld32.dll                                         : 1.0.0.630
  MBWrp32.dll                                          : 1.0.0.80
  RTCOMDLL.dll                                         : 2.0.0.108
  RtkAPO.dll                                           : 11.0.6000.89
  RtkApoApi.dll                                        : 1.0.0.10
  RtkCfg.dll                                           : 1.0.0.1
  RtkCoInst.dll                                        : 1.0.4.8
  RtkPgExt.dll                                         : 6.0.6000.69
  RtlCPAPI.dll                                         : 1.0.2.1
  RTPCEE32.dll                                         : 6.0.6001.17
  slcshp32.dll                                         : 1.0.3.0
  slgeq32.dll                                          : 1.0.1.0
  slh36032.dll                                         : 1.0.2.0
  slInit32.dll                                         : 1.1.1.0
  sltshd32.dll                                         : 1.1.0.0
  sluapo32.dll                                         : 1.2.6.0
  SRSHP360.dll                                         : 1.1.0.0
  SRSTSHD.dll                                          : 1.1.4.0
  SRSTSXT.dll                                          : 3.2.0.0
  SRSWOW.dll                                           : 1.1.3.0
  WavesLib.dll                                         : 5.9.7.0
```

```
  Vista driver for x64
  RTKVHD64.sys                                        : 6.0.1.5804
  AERTSr64.exe                                        : 1.0.64.8
  APOPCH.exe                                          : 1.0.0.0
  RAVCpl64.exe                                        : 1.0.0.311
  RtkAudioService64.exe                               : 1.0.0.17
  RtlUpd64.exe                                        : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.2
  vncutil64.exe                                       : 1.0.0.23
  GWfilt64.sys                                        : 6.10.0.3
  RTSnMg64.cpl                                        : 1.0.0.15
  AERTAC64.dll                                        : 2.0.64.1
  AERTAR64.dll                                        : 1.0.64.7
  FMAPO64.dll                                         : 0.0.14.1
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MBAPO32.dll                                         : 1.0.0.630
  MBAPO64.dll                                         : 1.0.0.630
  MBPPCn64.dll                                        : 1.0.0.80
  MBppld64.dll                                        : 1.0.0.630
  MBWrp64.dll                                         : 1.0.0.80
  RCoInst64.dll                                       : 1.0.4.8
  RtCOM64.dll                                         : 2.0.0.108
  RTCOMDLL.dll                                        : 2.0.0.108
  RtkApi64.dll                                        : 1.0.0.10
  RtkAPO64.dll                                        : 11.0.6000.89
  RtkCfg.dll                                          : 1.0.0.1
  RtkCfg64.dll                                        : 1.0.0.1
  RtlCPAPI.dll                                        : 1.0.2.1
  RtlCPAPI64.dll                                      : 1.0.2.1
  RTPCEE64.dll                                        : 6.0.6001.17
  RtPgEx64.dll                                        : 6.0.6000.69
  slcshp64.dll                                        : 1.0.3.0
  slgeq64.dll                                         : 1.0.1.0
  slh36064.dll                                        : 1.0.2.0
  slInit64.dll                                        : 1.1.1.0
  sltshd64.dll                                        : 1.1.0.0
  sluapo64.dll                                        : 1.2.6.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5796
  RtkUpd.exe                                          : 2.7.1.2
  AHPCEE32.dll                                        : 6.0.6001.17
  RHCoInst.dll                                        : 1.0.4.4
  RHDMIExt.dll                                        : 6.0.6000.69
  RtkHDMI.dll                                         : 11.0.6000.88

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5796
  RtkUpd64.exe                                        : 2.7.1.2
  AHPCEE64.dll                                        : 6.0.6001.17
```

```
  RHCoInst64.dll                                        : 1.0.4.4
  RHDMEx64.dll                                          : 6.0.6000.69
  RtkHDM64.dll                                          : 11.0.6000.88

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5796
  RtkUpd.exe                                            : 2.7.1.2

  XP/2K x64:
  RtkHDMIX.sys                                          : 5.10.0.5796
  RtkUpd64.exe                                          : 2.7.1.2

  Driver Setup Program                                  : 2.72

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.17
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista, Windows7
x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5794
  RTKHDAUD.sys                                          : 5.10.0.5794
  MicCal.exe                                            : 1.1.2.0
  RTHDCPL.exe                                           : 2.2.6.5
  RtkAudioService64.exe                                 : 1.0.0.17
  RtkAudioService.exe                                   : 1.0.0.16
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.7.1.2
  RtlUpd.exe                                            : 2.7.1.2
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.23
  vncutil.exe                                           : 1.0.0.23
  Alcmtr.exe                                            : 1.6.0.3
  AlcWzrd.exe                                           : 1.1.0.37
```

```
  Monfilt.sys                                          : 5.10.0.4112
  Monft64.sys                                          : 5.10.0.4115
  AMBFilt.sys                                          : 5.10.0.4240
  AMBFt64.sys                                          : 5.10.0.4240
  RTSndMgr.cpl                                         : 1.0.1.0
  ALSndMgr.cpl                                         : 1.0.0.11
  RCoInst64XP.dll                                      : 1.0.4.8
  RTCOMDLL.dll                                         : 1.0.0.97
  RtkCoInstXP.dll                                      : 1.0.4.8
  RtlCPAPI.dll                                         : 1.0.2.1
Vista driver : ------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                          : 6.0.1.5794
  AERTSrv.exe                                          : 1.0.32.8
  APOPCH.exe                                           : 1.0.0.0
  RtHDVCpl.exe                                         : 1.0.0.306
  RtkAudioService.exe                                  : 1.0.0.17
  RtlUpd.exe                                           : 2.7.1.2
  SkyTel.exe                                           : 2.0.2.2
  vncutil.exe                                          : 1.0.0.23
  RTSndMgr.cpl                                         : 1.0.0.15
  AERTACap.dll                                         : 2.0.32.1
  AERTARen.dll                                         : 1.0.32.7
  FMAPO.dll                                            : 0.0.14.1
  MaxxAudioAPO.dll                                     : 1.2.2.0
  MaxxAudioAPO20.dll                                   : 2.2.2.0
  MaxxAudioEQ.dll                                      : 5.9.7.0
  MBAPO32.dll                                          : 1.0.0.630
  MBPPCn32.dll                                         : 1.0.0.80
  MBppld32.dll                                         : 1.0.0.630
  MBWrp32.dll                                          : 1.0.0.80
  RTCOMDLL.dll                                         : 2.0.0.106
  RtkAPO.dll                                           : 11.0.6000.88
  RtkApoApi.dll                                        : 1.0.0.10
  RtkCfg.dll                                           : 1.0.0.1
  RtkCoInst.dll                                        : 1.0.4.8
  RtkPgExt.dll                                         : 6.0.6000.69
  RtlCPAPI.dll                                         : 1.0.2.1
  RTPCEE32.dll                                         : 6.0.6001.17
  slcshp32.dll                                         : 1.0.3.0
  slgeq32.dll                                          : 1.0.1.0
  slh36032.dll                                         : 1.0.2.0
  slInit32.dll                                         : 1.1.1.0
  sltshd32.dll                                         : 1.1.0.0
  sluapo32.dll                                         : 1.2.6.0
  SRSHP360.dll                                         : 1.1.0.0
  SRSTSHD.dll                                          : 1.1.4.0
  SRSTSXT.dll                                          : 3.2.0.0
  SRSWOW.dll                                           : 1.1.3.0
  WavesLib.dll                                         : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                         : 6.0.1.5794
  AERTSr64.exe                                         : 1.0.64.8
  APOPCH.exe                                           : 1.0.0.0
```

```
  RAVCpl64.exe                                        : 1.0.0.306
  RtkAudioService64.exe                               : 1.0.0.17
  RtlUpd64.exe                                        : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.2
  vncutil64.exe                                       : 1.0.0.23
  GWfilt64.sys                                        : 6.10.0.3
  RTSnMg64.cpl                                        : 1.0.0.15
  AERTAC64.dll                                        : 2.0.64.1
  AERTAR64.dll                                        : 1.0.64.7
  FMAPO64.dll                                         : 0.0.14.1
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MBAPO32.dll                                         : 1.0.0.630
  MBAPO64.dll                                         : 1.0.0.630
  MBPPCn64.dll                                        : 1.0.0.80
  MBppld64.dll                                        : 1.0.0.630
  MBWrp64.dll                                         : 1.0.0.80
  RCoInst64.dll                                       : 1.0.4.8
  RtCOM64.dll                                         : 2.0.0.106
  RTCOMDLL.dll                                        : 2.0.0.106
  RtkApi64.dll                                        : 1.0.0.10
  RtkAPO64.dll                                        : 11.0.6000.88
  RtkCfg.dll                                          : 1.0.0.1
  RtkCfg64.dll                                        : 1.0.0.1
  RtlCPAPI.dll                                        : 1.0.2.1
  RtlCPAPI64.dll                                      : 1.0.2.1
  RTPCEE64.dll                                        : 6.0.6001.17
  RtPgEx64.dll                                        : 6.0.6000.69
  slcshp64.dll                                        : 1.0.3.0
  slgeq64.dll                                         : 1.0.1.0
  slh36064.dll                                        : 1.0.2.0
  slInit64.dll                                        : 1.1.1.0
  sltshd64.dll                                        : 1.1.0.0
  sluapo64.dll                                        : 1.2.6.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5766
  RtkUpd.exe                                          : 2.7.1.1
  RHCoInst.dll                                        : 1.0.3.2
  RHDMIExt.dll                                        : 6.0.6000.66
  RtkHDMI.dll                                         : 11.0.6000.85

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5766
  RtkUpd64.exe                                        : 2.7.1.1
  RHCoInst64.dll                                      : 1.0.3.2
  RHDMEx64.dll                                        : 6.0.6000.66
  RtkHDM64.dll                                        : 11.0.6000.85

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.5766
```

```
  RtkUpd.exe                                          : 2.7.1.1

  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5766
  RtkUpd64.exe                                        : 2.7.1.1

  Driver Setup Program                                : 2.70

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.16
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista, Windows7
x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Update directsound acceleration engine for XP driver.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.5791
  RTKHDAUD.sys                                        : 5.10.0.5791
  MicCal.exe                                          : 1.1.2.0
  RTHDCPL.exe                                         : 2.2.6.3
  RtkAudioService64.exe                               : 1.0.0.17
  RtkAudioService.exe                                 : 1.0.0.16
  RTLCPL.exe                                          : 1.0.1.66
  RtlUpd64.exe                                        : 2.7.1.2
  RtlUpd.exe                                          : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  vncutil64.exe                                       : 1.0.0.23
  vncutil.exe                                         : 1.0.0.23
  Alcmtr.exe                                          : 1.6.0.3
  AlcWzrd.exe                                         : 1.1.0.37
  Monfilt.sys                                         : 5.10.0.4112
  Monft64.sys                                         : 5.10.0.4115
  AMBFilt.sys                                         : 5.10.0.4240
  AMBFt64.sys                                         : 5.10.0.4240
  RTSndMgr.cpl                                        : 1.0.1.0
```

```
  ALSndMgr.cpl                                          : 1.0.0.11
  RCoInst64XP.dll                                       : 1.0.4.8
  RTCOMDLL.dll                                          : 1.0.0.97
  RtkCoInstXP.dll                                       : 1.0.4.8
  RtlCPAPI.dll                                          : 1.0.2.1
Vista driver : ----------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                           : 6.0.1.5791
  AERTSrv.exe                                           : 1.0.32.8
  APOPCH.exe                                            : 1.0.0.0
  RtHDVCpl.exe                                          : 1.0.0.304
  RtkAudioService.exe                                   : 1.0.0.17
  RtlUpd.exe                                            : 2.7.1.2
  SkyTel.exe                                            : 2.0.2.2
  vncutil.exe                                           : 1.0.0.23
  RTSndMgr.cpl                                          : 1.0.0.15
  AERTACap.dll                                          : 2.0.32.1
  AERTARen.dll                                          : 1.0.32.7
  FMAPO.dll                                             : 0.0.14.1
  MaxxAudioAPO.dll                                      : 1.2.2.0
  MaxxAudioAPO20.dll                                    : 2.2.2.0
  MaxxAudioEQ.dll                                       : 5.9.7.0
  MBAPO32.dll                                           : 1.0.0.630
  MBPPCn32.dll                                          : 1.0.0.80
  MBppld32.dll                                          : 1.0.0.630
  MBWrp32.dll                                           : 1.0.0.80
  RTCOMDLL.dll                                          : 2.0.0.106
  RtkAPO.dll                                            : 11.0.6000.88
  RtkApoApi.dll                                         : 1.0.0.10
  RtkCfg.dll                                            : 1.0.0.1
  RtkCoInst.dll                                         : 1.0.4.8
  RtkPgExt.dll                                          : 6.0.6000.69
  RtlCPAPI.dll                                          : 1.0.2.1
  RTPCEE32.dll                                          : 6.0.6001.17
  slcshp32.dll                                          : 1.0.3.0
  slgeq32.dll                                           : 1.0.1.0
  slh36032.dll                                          : 1.0.2.0
  slInit32.dll                                          : 1.1.1.0
  sltshd32.dll                                          : 1.1.0.0
  sluapo32.dll                                          : 1.2.6.0
  SRSHP360.dll                                          : 1.1.0.0
  SRSTSHD.dll                                           : 1.1.4.0
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.3.0
  WavesLib.dll                                          : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                          : 6.0.1.5791
  AERTSr64.exe                                          : 1.0.64.8
  APOPCH.exe                                            : 1.0.0.0
  RAVCpl64.exe                                          : 1.0.0.304
  RtkAudioService64.exe                                 : 1.0.0.17
  RtlUpd64.exe                                          : 2.7.1.2
  SkyTel.exe                                            : 2.0.2.2
  vncutil64.exe                                         : 1.0.0.23
```

```
  GWfilt64.sys                                          : 6.10.0.3
  RTSnMg64.cpl                                          : 1.0.0.15
  AERTAC64.dll                                          : 2.0.64.1
  AERTAR64.dll                                          : 1.0.64.7
  FMAPO64.dll                                           : 0.0.14.1
  MaxxAudioAPO20.dll                                    : 2.2.2.0
  MBAPO32.dll                                           : 1.0.0.630
  MBAPO64.dll                                           : 1.0.0.630
  MBPPCn64.dll                                          : 1.0.0.80
  MBppld64.dll                                          : 1.0.0.630
  MBWrp64.dll                                           : 1.0.0.80
  RCoInst64.dll                                         : 1.0.4.8
  RtCOM64.dll                                           : 2.0.0.106
  RTCOMDLL.dll                                          : 2.0.0.106
  RtkApi64.dll                                          : 1.0.0.10
  RtkAPO64.dll                                          : 11.0.6000.88
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.1
  RtlCPAPI.dll                                          : 1.0.2.1
  RtlCPAPI64.dll                                        : 1.0.2.1
  RTPCEE64.dll                                          : 6.0.6001.17
  RtPgEx64.dll                                          : 6.0.6000.69
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.1.0
  sltshd64.dll                                          : 1.1.0.0
  sluapo64.dll                                          : 1.2.6.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5766
  RtkUpd.exe                                            : 2.7.1.1
  RHCoInst.dll                                          : 1.0.3.2
  RHDMIExt.dll                                          : 6.0.6000.66
  RtkHDMI.dll                                           : 11.0.6000.85

  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5766
  RtkUpd64.exe                                          : 2.7.1.1
  RHCoInst64.dll                                        : 1.0.3.2
  RHDMEx64.dll                                          : 6.0.6000.66
  RtkHDM64.dll                                          : 11.0.6000.85

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5766
  RtkUpd.exe                                            : 2.7.1.1

  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5766
  RtkUpd64.exe                                          : 2.7.1.1
```

```
  Driver Setup Program                                  : 2.70

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.15
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Change Creative components for the certain customers.
        2.) Package :
            1. Change Japanese language on finish Dialog of installation .
            2. Fix DCC uninstalled issue. Both MSI and GUID uninstallation
procedure supported .
            3. Fix uninstall problem in Windows 7 . The DIFxAPI DLL file
supported in Windows 7 .

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5783
  RTKHDAUD.sys                                          : 5.10.0.5783
  MicCal.exe                                            : 1.1.2.0
  RTHDCPL.exe                                           : 2.2.6.2
  RtkAudioService64.exe                                 : 1.0.0.17
  RtkAudioService.exe                                   : 1.0.0.16
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.7.1.2
  RtlUpd.exe                                            : 2.7.1.2
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.23
  vncutil.exe                                           : 1.0.0.23
  Alcmtr.exe                                            : 1.6.0.3
  AlcWzrd.exe                                           : 1.1.0.37
  Monfilt.sys                                           : 5.10.0.4112
  Monft64.sys                                           : 5.10.0.4115
  AMBFilt.sys                                           : 5.10.0.4240
  AMBFt64.sys                                           : 5.10.0.4240
  RTSndMgr.cpl                                          : 1.0.1.0
```

```
  ALSndMgr.cpl                                        : 1.0.0.11
  RCoInst64XP.dll                                     : 1.0.4.8
  RTCOMDLL.dll                                        : 1.0.0.97
  RtkCoInstXP.dll                                     : 1.0.4.8
  RtlCPAPI.dll                                        : 1.0.1.9
Vista driver : ----------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                         : 6.0.1.5783
  AERTSrv.exe                                         : 1.0.32.8
  APOPCH.exe                                          : 1.0.0.0
  RtHDVCpl.exe                                        : 1.0.0.300
  RtkAudioService.exe                                 : 1.0.0.17
  RtlUpd.exe                                          : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.2
  vncutil.exe                                         : 1.0.0.23
  RTSndMgr.cpl                                        : 1.0.0.13
  AERTACap.dll                                        : 2.0.32.1
  AERTARen.dll                                        : 1.0.32.7
  FMAPO.dll                                           : 0.0.12.1
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  MBAPO32.dll                                         : 1.0.0.630
  MBPPCn32.dll                                        : 1.0.0.80
  MBppld32.dll                                        : 1.0.0.630
  MBWrp32.dll                                         : 1.0.0.80
  RTCOMDLL.dll                                        : 2.0.0.106
  RtkAPO.dll                                          : 11.0.6000.87
  RtkApoApi.dll                                       : 1.0.0.10
  RtkCfg.dll                                          : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.4.8
  RtkPgExt.dll                                        : 6.0.6000.67
  RtlCPAPI.dll                                        : 1.0.2.1
  RTPCEE32.dll                                        : 6.0.6001.14
  slcshp32.dll                                        : 1.0.3.0
  slgeq32.dll                                         : 1.0.1.0
  slh36032.dll                                        : 1.0.2.0
  slInit32.dll                                        : 1.1.1.0
  sltshd32.dll                                        : 1.1.0.0
  sluapo32.dll                                        : 1.2.6.0
  SRSHP360.dll                                        : 1.1.0.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  WavesLib.dll                                        : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                        : 6.0.1.5783
  AERTSr64.exe                                        : 1.0.64.8
  APOPCH.exe                                          : 1.0.0.0
  RAVCpl64.exe                                        : 1.0.0.300
  RtkAudioService64.exe                               : 1.0.0.17
  RtlUpd64.exe                                        : 2.7.1.2
  SkyTel.exe                                          : 2.0.2.2
  vncutil64.exe                                       : 1.0.0.23
```

```
  GWfilt64.sys                                          : 6.10.0.3
  RTSnMg64.cpl                                          : 1.0.0.13
  AERTAC64.dll                                          : 2.0.64.1
  AERTAR64.dll                                          : 1.0.64.7
  FMAPO64.dll                                           : 0.0.12.1
  MaxxAudioAPO20.dll                                    : 2.2.2.0
  MBAPO32.dll                                           : 1.0.0.630
  MBAPO64.dll                                           : 1.0.0.630
  MBPPCn64.dll                                          : 1.0.0.80
  MBppld64.dll                                          : 1.0.0.630
  MBWrp64.dll                                           : 1.0.0.80
  RCoInst64.dll                                         : 1.0.4.8
  RtCOM64.dll                                           : 2.0.0.106
  RTCOMDLL.dll                                          : 2.0.0.106
  RtkApi64.dll                                          : 1.0.0.10
  RtkAPO64.dll                                          : 11.0.6000.87
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.1
  RtlCPAPI.dll                                          : 1.0.2.1
  RtlCPAPI64.dll                                        : 1.0.2.1
  RTPCEE64.dll                                          : 6.0.6001.14
  RtPgEx64.dll                                          : 6.0.6000.67
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.1.0
  sltshd64.dll                                          : 1.1.0.0
  sluapo64.dll                                          : 1.2.6.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5766
  RtkUpd.exe                                            : 2.7.1.1
  RHCoInst.dll                                          : 1.0.3.2
  RHDMIExt.dll                                          : 6.0.6000.66
  RtkHDMI.dll                                           : 11.0.6000.85

  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5766
  RtkUpd64.exe                                          : 2.7.1.1
  RHCoInst64.dll                                        : 1.0.3.2
  RHDMEx64.dll                                          : 6.0.6000.66
  RtkHDM64.dll                                          : 11.0.6000.85

  XP/2K x86:
  RtkHDMI.sys                                           : 5.10.0.5766
  RtkUpd.exe                                            : 2.7.1.1

  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5766
  RtkUpd64.exe                                          : 2.7.1.1
```

```
  Driver Setup Program                                  : 2.70

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.14
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Change EAPD control method for the certain codecs.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5772
  RTKHDAUD.sys                                          : 5.10.0.5772
  Alcmtr.exe                                            : 1.6.0.3
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.0
  RTHDCPL.exe                                           : 2.2.5.9
  RtkAudioService64.exe                                 : 1.0.0.17
  RtkAudioService.exe                                   : 1.0.0.16
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.7.1.1
  RtlUpd.exe                                            : 2.7.1.1
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.23
  vncutil.exe                                           : 1.0.0.23
  AMBFilt64.sys                                         : 5.10.0.4240
  AMBFilt.sys                                           : 5.10.0.4240
  Monfilt64.sys                                         : 5.10.0.4115
  Monfilt.sys                                           : 5.10.0.4112
  ALSndMgr.cpl                                          : 1.0.0.11
  RTSndMgr.cpl                                          : 1.0.1.0
  RCoInst64XP.dll                                       : 1.0.4.4
  RTCOMDLL.dll                                          : 1.0.0.97
  RtkCoInstXP.dll                                       : 1.0.4.4
  RtlCPAPI.dll                                          : 1.0.1.9
Vista driver : -------------------------------------------------------
```

Vista driver for x86

RTKVHDA.sys	: 6.0.1.5772
AERTSrv.exe	: 1.0.32.8
RtHDVCpl.exe	: 1.0.0.291
RtkAudioService.exe	: 1.0.0.17
RtlUpd.exe	: 2.7.1.1
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.23
RTSndMgr.cpl	: 1.0.0.13
AERTACap.dll	: 2.0.32.1
AERTARen.dll	: 1.0.32.7
CTAPO32.dll	: 1.0.0.530
ctppld.dll	: 1.0.0.530
DaisyWrp.dll	: 1.0.0.70
FMAPO.dll	: 0.0.12.1
MaxxAudioAPO.dll	: 1.2.2.0
MaxxAudioAPO20.dll	: 2.2.2.0
MaxxAudioEQ.dll	: 5.9.7.0
ppchain.dll	: 1.0.0.70
RTCOMDLL.dll	: 2.0.0.105
RtkAPO.dll	: 11.0.6000.85
RtkApoApi.dll	: 1.0.0.9
RtkCfg.dll	: 1.0.0.1
RtkCoInst.dll	: 1.0.4.4
RtkPgExt.dll	: 6.0.6000.66
RtlCPAPI.dll	: 1.0.2.1
slcshp32.dll	: 1.0.3.0
slgeq32.dll	: 1.0.1.0
slh36032.dll	: 1.0.2.0
slInit32.dll	: 1.1.1.0
sltshd32.dll	: 1.1.0.0
sluapo32.dll	: 1.2.6.0
SRSHP360.dll	: 1.1.0.0
SRSTSHD.dll	: 1.1.4.0
SRSTSXT.dll	: 3.2.0.0
SRSWOW.dll	: 1.1.3.0
WavesLib.dll	: 5.9.7.0

Vista driver for x64

RTKVHD64.sys	: 6.0.1.5772
AERTSr64.exe	: 1.0.64.8
RAVCpl64.exe	: 1.0.0.291
RtkAudioService64.exe	: 1.0.0.17
RtlUpd64.exe	: 2.7.1.1
SkyTel.exe	: 2.0.2.2
vncutil64.exe	: 1.0.0.23
GWfilt64.sys	: 6.10.0.3
RTSnMg64.cpl	: 1.0.0.13
AERTAC64.dll	: 2.0.64.1
AERTAR64.dll	: 1.0.64.7
CTAPO32.dll	: 1.0.0.530
CTAPO64.dll	: 1.0.0.530
ctppld.dll	: 1.0.0.530
DaisyWrp.dll	: 1.0.0.70
FMAPO64.dll	: 0.0.12.1

```
  MaxxAudioAPO20.dll                                 : 2.2.2.0
  ppchain.dll                                        : 1.0.0.70
  RCoInst64.dll                                      : 1.0.4.4
  RtCOM64.dll                                        : 2.0.0.105
  RTCOMDLL.dll                                       : 2.0.0.105
  RtkApi64.dll                                       : 1.0.0.9
  RtkAPO64.dll                                       : 11.0.6000.85
  RtkCfg.dll                                         : 1.0.0.1
  RtkCfg64.dll                                       : 1.0.0.1
  RtlCPAPI.dll                                       : 1.0.2.1
  RtlCPAPI64.dll                                     : 1.0.2.1
  RtPgEx64.dll                                       : 6.0.6000.66
  slcshp64.dll                                       : 1.0.3.0
  slgeq64.dll                                        : 1.0.1.0
  slh36064.dll                                       : 1.0.2.0
  slInit64.dll                                       : 1.1.1.0
  sltshd64.dll                                       : 1.1.0.0
  sluapo64.dll                                       : 1.2.6.0
  SRSHP64.dll                                        : 1.1.0.0
  SRSTSH64.dll                                       : 1.1.4.0
  SRSTSX64.dll                                       : 3.2.0.0
  SRSWOW64.dll                                       : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                        : 6.0.1.5766
  RtkUpd.exe                                         : 2.7.1.1
  RHCoInst.dll                                       : 1.0.3.2
  RHDMIExt.dll                                       : 6.0.6000.66
  RtkHDMI.dll                                        : 11.0.6000.85

  Vista x64:
  RtHDMIVX.sys                                       : 6.0.1.5766
  RtkUpd64.exe                                       : 2.7.1.1
  RHCoInst64.dll                                     : 1.0.3.2
  RHDMEx64.dll                                       : 6.0.6000.66
  RtkHDM64.dll                                       : 11.0.6000.85

  XP/2K x86:
  RtkHDMI.sys                                        : 5.10.0.5766
  RtkUpd.exe                                         : 2.7.1.1

  XP/2K x64:
  RtHDMIX.sys                                        : 5.10.0.5766
  RtkUpd64.exe                                       : 2.7.1.1

  Driver Setup Program                               : 2.69

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.13
```

Realtek HD Audio Driver support all of Realtek HD Audio Codec in Vista/WinXP/Win2000/Win2003 .

1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273, ALC887
2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262, ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
3. HDMI Device WHQL Support: ATI HDMI Devices
4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
    1.) Driver :
        1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :

RTKHDA64.sys	: 5.10.0.5767
RTKHDAUD.sys	: 5.10.0.5767
MicCal.exe	: 1.1.2.0
RTHDCPL.exe	: 2.2.5.8
RtkAudioService64.exe	: 1.0.0.17
RtkAudioService.exe	: 1.0.0.16
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.7.1.1
RtlUpd.exe	: 2.7.1.1
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.23
vncutil.exe	: 1.0.0.23
Alcmtr.exe	: 1.6.0.3
AlcWzrd.exe	: 1.1.0.37
AMBFilt64.sys	: 5.10.0.4240
AMBFilt.sys	: 5.10.0.4240
Monfilt64.sys	: 5.10.0.4115
Monfilt.sys	: 5.10.0.4112
RTSndMgr.cpl	: 1.0.1.0
ALSndMgr.cpl	: 1.0.0.11
RCoInst64XP.dll	: 1.0.4.3
RTCOMDLL.dll	: 1.0.0.97
RtkCoInstXP.dll	: 1.0.4.3
RtlCPAPI.dll	: 1.0.1.9

Vista driver : ----------

Vista driver for x86

RTKVHDA.sys	: 6.0.1.5767
AERTSrv.exe	: 1.0.32.8
RtHDVCpl.exe	: 1.0.0.288
RtkAudioService.exe	: 1.0.0.17
RtlUpd.exe	: 2.7.1.1
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.23
RTSndMgr.cpl	: 1.0.0.13
AERTACap.dll	: 2.0.32.1
AERTARen.dll	: 1.0.32.7

CTAPO32.dll : 1.0.0.530
ctppld.dll : 1.0.0.530
DaisyWrp.dll : 1.0.0.70
FMAPO.dll : 0.0.12.1
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.2.2.0
MaxxAudioEQ.dll : 5.9.7.0
ppchain.dll : 1.0.0.70
RTCOMDLL.dll : 2.0.0.105
RtkAPO.dll : 11.0.6000.85
RtkApoApi.dll : 1.0.0.9
RtkCfg.dll : 1.0.0.1
RtkCoInst.dll : 1.0.4.3
RtkPgExt.dll : 6.0.6000.66
RtlCPAPI.dll : 1.0.2.1
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.1.0
sltshd32.dll : 1.1.0.0
sluapo32.dll : 1.2.6.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista driver for x64
RTKVHD64.sys : 6.0.1.5767
AERTSr64.exe : 1.0.64.8
RAVCpl64.exe : 1.0.0.288
RtkAudioService64.exe : 1.0.0.17
RtlUpd64.exe : 2.7.1.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.23
GWfilt64.sys : 6.10.0.3
RTSnMg64.cpl : 1.0.0.13
AERTAC64.dll : 2.0.64.1
AERTAR64.dll : 1.0.64.7
CTAPO32.dll : 1.0.0.530
CTAPO64.dll : 1.0.0.530
ctppld.dll : 1.0.0.530
DaisyWrp.dll : 1.0.0.70
FMAPO64.dll : 0.0.12.1
MaxxAudioAPO20.dll : 2.2.2.0
ppchain.dll : 1.0.0.70
RCoInst64.dll : 1.0.4.3
RtCOM64.dll : 2.0.0.105
RTCOMDLL.dll : 2.0.0.105
RtkApi64.dll : 1.0.0.9
RtkAPO64.dll : 11.0.6000.85
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.1
RtlCPAPI.dll : 1.0.2.1
RtlCPAPI64.dll : 1.0.2.1

```
  RtPgEx64.dll                                        : 6.0.6000.66
  slcshp64.dll                                        : 1.0.3.0
  slgeq64.dll                                         : 1.0.1.0
  slh36064.dll                                        : 1.0.2.0
  slInit64.dll                                        : 1.1.1.0
  sltshd64.dll                                        : 1.1.0.0
  sluapo64.dll                                        : 1.2.6.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5766
  RtkUpd.exe                                          : 2.7.1.1
  RHCoInst.dll                                        : 1.0.3.2
  RHDMIExt.dll                                        : 6.0.6000.66
  RtkHDMI.dll                                         : 11.0.6000.85

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5766
  RtkUpd64.exe                                        : 2.7.1.1
  RHCoInst64.dll                                      : 1.0.3.2
  RHDMEx64.dll                                        : 6.0.6000.66
  RtkHDM64.dll                                        : 11.0.6000.85

  XP/2K x86:
  RtkHDMI.sys                                         : 5.10.0.5766
  RtkUpd.exe                                          : 2.7.1.1

  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5766
  RtkUpd64.exe                                        : 2.7.1.1

  Driver Setup Program                                : 2.69

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.12
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
```

6. Add/Fix
    1.) Driver :
        1. Customizations.
        2. Support encryption feature for ALC670.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.5764
RTKHDAUD.sys	: 5.10.0.5764
Alcmtr.exe	: 1.6.0.3
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.0
RTHDCPL.exe	: 2.2.5.6
RtkAudioService64.exe	: 1.0.0.17
RtkAudioService.exe	: 1.0.0.16
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.7.1.1
RtlUpd.exe	: 2.7.1.1
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
vncutil64.exe	: 1.0.0.23
vncutil.exe	: 1.0.0.23
AMBFilt64.sys	: 5.10.0.4240
AMBFilt.sys	: 5.10.0.4240
Monfilt64.sys	: 5.10.0.4115
Monfilt.sys	: 5.10.0.4112
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.0
RCoInst64XP.dll	: 1.0.4.3
RTCOMDLL.dll	: 1.0.0.97
RtkCoInstXP.dll	: 1.0.4.3
RtlCPAPI.dll	: 1.0.1.9

Vista driver : ----------

Vista driver for x86	
RTKVHDA.sys	: 6.0.1.5764
AERTSrv.exe	: 1.0.32.8
RtHDVCpl.exe	: 1.0.0.286
RtkAudioService.exe	: 1.0.0.17
RtlUpd.exe	: 2.7.1.1
SkyTel.exe	: 2.0.2.2
vncutil.exe	: 1.0.0.23
RTSndMgr.cpl	: 1.0.0.13
AERTACap.dll	: 2.0.32.1
AERTARen.dll	: 1.0.32.7
CTAPO32.dll	: 1.0.0.530
ctppld.dll	: 1.0.0.530
DaisyWrp.dll	: 1.0.0.70
FMAPO.dll	: 0.0.12.1
MaxxAudioAPO.dll	: 1.2.2.0
MaxxAudioAPO20.dll	: 2.2.2.0
MaxxAudioEQ.dll	: 5.9.7.0
ppchain.dll	: 1.0.0.70
RTCOMDLL.dll	: 2.0.0.105

RtkAPO.dll : 11.0.6000.85
RtkApoApi.dll : 1.0.0.9
RtkCfg.dll : 1.0.0.1
RtkCoInst.dll : 1.0.4.3
RtkPgExt.dll : 6.0.6000.66
RtlCPAPI.dll : 1.0.2.1
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.1.0
sltshd32.dll : 1.1.0.0
sluapo32.dll : 1.2.6.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista driver for x64
RTKVHD64.sys : 6.0.1.5764
AERTSr64.exe : 1.0.64.8
RAVCpl64.exe : 1.0.0.286
RtkAudioService64.exe : 1.0.0.17
RtlUpd64.exe : 2.7.1.1
SkyTel.exe : 2.0.2.2
vncutil64.exe : 1.0.0.23
GWfilt64.sys : 6.10.0.3
RTSnMg64.cpl : 1.0.0.13
AERTAC64.dll : 2.0.64.1
AERTAR64.dll : 1.0.64.7
CTAPO32.dll : 1.0.0.530
CTAPO64.dll : 1.0.0.530
ctppld.dll : 1.0.0.530
DaisyWrp.dll : 1.0.0.70
FMAPO64.dll : 0.0.12.1
MaxxAudioAPO20.dll : 2.2.2.0
ppchain.dll : 1.0.0.70
RCoInst64.dll : 1.0.4.3
RtCOM64.dll : 2.0.0.105
RTCOMDLL.dll : 2.0.0.105
RtkApi64.dll : 1.0.0.9
RtkAPO64.dll : 11.0.6000.85
RtkCfg.dll : 1.0.0.1
RtkCfg64.dll : 1.0.0.1
RtlCPAPI.dll : 1.0.2.1
RtlCPAPI64.dll : 1.0.2.1
RtPgEx64.dll : 6.0.6000.66
slcshp64.dll : 1.0.3.0
slgeq64.dll : 1.0.1.0
slh36064.dll : 1.0.2.0
slInit64.dll : 1.1.1.0
sltshd64.dll : 1.1.0.0
sluapo64.dll : 1.2.6.0
SRSHP64.dll : 1.1.0.0
SRSTSH64.dll : 1.1.4.0

```
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5735
  RtkUpd.exe                                            : 2.7.1.1
  RHCoInst.dll                                          : 1.0.3.2
  RHDMIExt.dll                                          : 6.0.6000.64
  RtkHDMI.dll                                           : 11.0.6000.80


  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5735
  RtkUpd64.exe                                          : 2.7.1.1
  RHCoInst64.dll                                        : 1.0.3.2
  RHDMEx64.dll                                          : 6.0.6000.64
  RtkHDM64.dll                                          : 11.0.6000.80

  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5735
  RtkUpd.exe                                            : 2.7.1.1
  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5735
  RtkUpd64.exe                                          : 2.7.1.1

  Driver Setup Program                                  : 2.69

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.11
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Add DisplayVersion registry key in INF files.


Windows 2000/XP : --------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5755
```

```
  RTKHDAUD.sys                                          : 5.10.0.5755
  Alcmtr.exe                                            : 1.6.0.3
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.0
  RTHDCPL.exe                                           : 2.2.5.5
  RtkAudioService64.exe                                 : 1.0.0.17
  RtkAudioService.exe                                   : 1.0.0.16
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.7.1.1
  RtlUpd.exe                                            : 2.7.1.1
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil64.exe                                         : 1.0.0.22
  vncutil.exe                                           : 1.0.0.22
  AMBFilt64.sys                                         : 5.10.0.4240
  AMBFilt.sys                                           : 5.10.0.4240
  Monfilt64.sys                                         : 5.10.0.4115
  Monfilt.sys                                           : 5.10.0.4112
  ALSndMgr.cpl                                          : 1.0.0.11
  RTSndMgr.cpl                                          : 1.0.1.0
  RCoInst64XP.dll                                       : 1.0.4.1
  RTCOMDLL.dll                                          : 1.0.0.97
  RtkCoInstXP.dll                                       : 1.0.4.1
  RtlCPAPI.dll                                          : 1.0.1.9
Vista driver : ------------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                           : 6.0.1.5755
  AERTSrv.exe                                           : 1.0.32.8
  RtHDVCpl.exe                                          : 1.0.0.281
  RtkAudioService.exe                                   : 1.0.0.17
  RtlUpd.exe                                            : 2.7.1.1
  SkyTel.exe                                            : 2.0.2.2
  vncutil.exe                                           : 1.0.0.23
  RTSndMgr.cpl                                          : 1.0.0.13
  AERTACap.dll                                          : 2.0.32.1
  AERTARen.dll                                          : 1.0.32.7
  CTAPO32.dll                                           : 1.0.0.530
  ctppld.dll                                            : 1.0.0.530
  DaisyWrp.dll                                          : 1.0.0.70
  FMAPO.dll                                             : 0.0.12.1
  MaxxAudioAPO.dll                                      : 1.2.2.0
  MaxxAudioAPO20.dll                                    : 2.2.2.0
  MaxxAudioEQ.dll                                       : 5.9.7.0
  ppchain.dll                                           : 1.0.0.70
  RTCOMDLL.dll                                          : 2.0.0.103
  RtkAPO.dll                                            : 11.0.6000.81
  RtkApoApi.dll                                         : 1.0.0.9
  RtkCfg.dll                                            : 1.0.0.1
  RtkCoInst.dll                                         : 1.0.4.1
  RtkPgExt.dll                                          : 6.0.6000.65
  RtlCPAPI.dll                                          : 1.0.2.1
  slcshp32.dll                                          : 1.0.3.0
  slgeq32.dll                                           : 1.0.1.0
  slh36032.dll                                          : 1.0.2.0
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  slInit32.dll                                          : 1.1.1.0
  sltshd32.dll                                          : 1.1.0.0
  sluapo32.dll                                          : 1.2.6.0
  SRSHP360.dll                                          : 1.1.0.0
  SRSTSHD.dll                                           : 1.1.4.0
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.3.0
  WavesLib.dll                                          : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                          : 6.0.1.5755
  AERTSr64.exe                                          : 1.0.64.8
  RAVCpl64.exe                                          : 1.0.0.281
  RtkAudioService64.exe                                 : 1.0.0.17
  RtlUpd64.exe                                          : 2.7.1.1
  SkyTel.exe                                            : 2.0.2.2
  vncutil64.exe                                         : 1.0.0.23
  GWfilt64.sys                                          : 6.10.0.3
  RTSnMg64.cpl                                          : 1.0.0.13
  AERTAC64.dll                                          : 2.0.64.1
  AERTAR64.dll                                          : 1.0.64.7
  CTAPO32.dll                                           : 1.0.0.530
  CTAPO64.dll                                           : 1.0.0.530
  ctppld.dll                                            : 1.0.0.530
  DaisyWrp.dll                                          : 1.0.0.70
  FMAPO64.dll                                           : 0.0.12.1
  MaxxAudioAPO20.dll                                    : 2.2.2.0
  ppchain.dll                                           : 1.0.0.70
  RCoInst64.dll                                         : 1.0.4.1
  RtCOM64.dll                                           : 2.0.0.103
  RTCOMDLL.dll                                          : 2.0.0.103
  RtkApi64.dll                                          : 1.0.0.9
  RtkAPO64.dll                                          : 11.0.6000.81
  RtkCfg.dll                                            : 1.0.0.1
  RtkCfg64.dll                                          : 1.0.0.1
  RtlCPAPI.dll                                          : 1.0.2.1
  RtlCPAPI64.dll                                        : 1.0.2.1
  RtPgEx64.dll                                          : 6.0.6000.65
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.1.0
  sltshd64.dll                                          : 1.1.0.0
  sluapo64.dll                                          : 1.2.6.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5735
  RtkUpd.exe                                            : 2.7.1.1
  RHCoInst.dll                                          : 1.0.3.2
  RHDMIExt.dll                                          : 6.0.6000.64
  RtkHDMI.dll                                           : 11.0.6000.80
```

```
  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5735
  RtkUpd64.exe                                          : 2.7.1.1
  RHCoInst64.dll                                        : 1.0.3.2
  RHDMEx64.dll                                          : 6.0.6000.64
  RtkHDM64.dll                                          : 11.0.6000.80

  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5735
  RtkUpd.exe                                            : 2.7.1.1
  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5735
  RtkUpd64.exe                                          : 2.7.1.1

  Driver Setup Program                                  : 2.69

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.10
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272,
ALC273, ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC665, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Support ALC665.



Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5745
  RTKHDAUD.sys                                          : 5.10.0.5745
  MicCal.exe                                            : 1.1.2.0
  RTHDCPL.exe                                           : 2.2.5.2
  RtkAudioService64.exe                                 : 1.0.0.17
  RtkAudioService.exe                                   : 1.0.0.16
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.7.1.1
  RtlUpd.exe                                            : 2.7.1.1
```

```
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  vncutil64.exe                                       : 1.0.0.22
  vncutil.exe                                         : 1.0.0.22
  Alcmtr.exe                                          : 1.6.0.3
  AlcWzrd.exe                                         : 1.1.0.37
  AMBFilt64.sys                                       : 5.10.0.4240
  AMBFilt.sys                                         : 5.10.0.4240
  Monfilt64.sys                                       : 5.10.0.4115
  Monfilt.sys                                         : 5.10.0.4112
  RTSndMgr.cpl                                        : 1.0.1.0
  ALSndMgr.cpl                                        : 1.0.0.11
  RCoInst64XP.dll                                     : 1.0.4.1
  RTCOMDLL.dll                                        : 1.0.0.97
  RtkCoInstXP.dll                                     : 1.0.4.1
  RtlCPAPI.dll                                        : 1.0.1.9
Vista driver : ------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                         : 6.0.1.5745
  AERTSrv.exe                                         : 1.0.32.8
  RtHDVCpl.exe                                        : 1.0.0.273
  RtkAudioService.exe                                 : 1.0.0.17
  RtlUpd.exe                                          : 2.7.1.1
  SkyTel.exe                                          : 2.0.2.2
  vncutil.exe                                         : 1.0.0.22
  RTSndMgr.cpl                                        : 1.0.0.13
  AERTACap.dll                                        : 2.0.32.1
  AERTARen.dll                                        : 1.0.32.7
  CTAPO32.dll                                         : 1.0.0.530
  ctppld.dll                                          : 1.0.0.530
  DaisyWrp.dll                                        : 1.0.0.70
  FMAPO.dll                                           : 0.0.12.1
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  ppchain.dll                                         : 1.0.0.70
  RCoInst64.dll                                       : 1.0.4.0
  RTCOMDLL.dll                                        : 2.0.0.103
  RtkAPO.dll                                          : 11.0.6000.81
  RtkApoApi.dll                                       : 1.0.0.9
  RtkCfg.dll                                          : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.4.1
  RtkPgExt.dll                                        : 6.0.6000.65
  RtlCPAPI.dll                                        : 1.0.2.1
  slcshp32.dll                                        : 1.0.3.0
  slgeq32.dll                                         : 1.0.1.0
  slh36032.dll                                        : 1.0.2.0
  slInit32.dll                                        : 1.1.1.0
  sltshd32.dll                                        : 1.1.0.0
  sluapo32.dll                                        : 1.2.6.0
  SRSHP360.dll                                        : 1.1.0.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
```

```
  WavesLib.dll                                        : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                        : 6.0.1.5745
  AERTSr64.exe                                        : 1.0.64.8
  RAVCpl64.exe                                        : 1.0.0.273
  RtkAudioService64.exe                               : 1.0.0.17
  RtlUpd64.exe                                        : 2.7.1.1
  SkyTel.exe                                          : 2.0.2.2
  vncutil64.exe                                       : 1.0.0.22
  GWfilt64.sys                                        : 6.10.0.3
  RTSnMg64.cpl                                        : 1.0.0.13
  AERTAC64.dll                                        : 2.0.64.1
  AERTAR64.dll                                        : 1.0.64.7
  CTAPO32.dll                                         : 1.0.0.530
  CTAPO64.dll                                         : 1.0.0.530
  ctppld.dll                                          : 1.0.0.530
  DaisyWrp.dll                                        : 1.0.0.70
  FMAPO64.dll                                         : 0.0.12.1
  MaxxAudioAPO20.dll                                  : 2.2.2.0
  ppchain.dll                                         : 1.0.0.70
  RCoInst64.dll                                       : 1.0.4.1
  RtCOM64.dll                                         : 2.0.0.103
  RTCOMDLL.dll                                        : 2.0.0.103
  RtkApi64.dll                                        : 1.0.0.9
  RtkAPO64.dll                                        : 11.0.6000.81
  RtkCfg.dll                                          : 1.0.0.1
  RtkCfg64.dll                                        : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.4.0
  RtlCPAPI.dll                                        : 1.0.2.1
  RtlCPAPI64.dll                                      : 1.0.2.1
  RtPgEx64.dll                                        : 6.0.6000.65
  slcshp64.dll                                        : 1.0.3.0
  slgeq64.dll                                         : 1.0.1.0
  slh36064.dll                                        : 1.0.2.0
  slInit64.dll                                        : 1.1.1.0
  sltshd64.dll                                        : 1.1.0.0
  sluapo64.dll                                        : 1.2.6.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5735
  RtkUpd.exe                                          : 2.7.1.1
  RHCoInst.dll                                        : 1.0.3.2
  RHDMIExt.dll                                        : 6.0.6000.64
  RtkHDMI.dll                                         : 11.0.6000.80


  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5735
  RtkUpd64.exe                                        : 2.7.1.1
  RHCoInst64.dll                                      : 1.0.3.2
```

```
  RHDMEx64.dll                                          : 6.0.6000.64
  RtkHDM64.dll                                          : 11.0.6000.80

  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5735
  RtkUpd.exe                                            : 2.7.1.1
  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5735
  RtkUpd64.exe                                          : 2.7.1.1

  Driver Setup Program                                  : 2.69

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.09
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273,
ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.



Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5735
  RTKHDAUD.sys                                          : 5.10.0.5735
  Alcmtr.exe                                            : 1.6.0.3
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.2.0
  RTHDCPL.exe                                           : 2.2.5.1
  RtkAudioService.exe                                   : 1.0.0.16
  RtkAudioService64.exe                                 : 1.0.0.17
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd.exe                                            : 2.7.1.1
  RtlUpd64.exe                                          : 2.7.1.1
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.32
  vncutil.exe                                           : 1.0.0.22
  vncutil64.exe                                         : 1.0.0.22
  AMBFilt.sys                                           : 5.10.0.4240
```

```
  AMBFilt64.sys                                          : 5.10.0.4240
  Monfilt.sys                                            : 5.10.0.4112
  Monfilt64.sys                                          : 5.10.0.4115
  ALSndMgr.cpl                                           : 1.0.0.11
  RTSndMgr.cpl                                           : 1.0.1.0
  RCoInst64XP.dll                                        : 1.0.3.9
  RTCOMDLL.dll                                           : 1.0.0.97
  RtkCoInstXP.dll                                        : 1.0.3.9
  RtlCPAPI.dll                                           : 1.0.1.9
Vista driver : ----------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                            : 6.0.1.5735
  AERTSrv.exe                                            : 1.0.32.8
  RtHDVCpl.exe                                           : 1.0.0.264
  RtkAudioService.exe                                    : 1.0.0.17
  RtlUpd.exe                                             : 2.7.1.1
  SkyTel.exe                                             : 2.0.2.1
  vncutil.exe                                            : 1.0.0.22
  RTSndMgr.cpl                                           : 1.0.0.13
  AERTACap.dll                                           : 2.0.32.1
  AERTARen.dll                                           : 1.0.32.7
  CTAPO32.dll                                            : 1.0.0.530
  ctppld.dll                                             : 1.0.0.530
  DaisyWrp.dll                                           : 1.0.0.70
  FMAPO.dll                                              : 0.0.12.1
  MaxxAudioAPO.dll                                       : 1.2.2.0
  MaxxAudioAPO20.dll                                     : 2.2.2.0
  MaxxAudioEQ.dll                                        : 5.9.7.0
  ppchain.dll                                            : 1.0.0.70
  RTCOMDLL.dll                                           : 2.0.0.100
  RtkAPO.dll                                             : 11.0.6000.80
  RtkApoApi.dll                                          : 1.0.0.8
  RtkCoInst.dll                                          : 1.0.3.9
  RtkPgExt.dll                                           : 6.0.6000.64
  RtlCPAPI.dll                                           : 1.0.1.9
  slcshp32.dll                                           : 1.0.3.0
  slgeq32.dll                                            : 1.0.1.0
  slh36032.dll                                           : 1.0.2.0
  slInit32.dll                                           : 1.1.1.0
  sltshd32.dll                                           : 1.1.0.0
  sluapo32.dll                                           : 1.2.6.0
  SRSHP360.dll                                           : 1.1.0.0
  SRSTSHD.dll                                            : 1.1.4.0
  SRSTSXT.dll                                            : 3.2.0.0
  SRSWOW.dll                                             : 1.1.3.0
  WavesLib.dll                                           : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                           : 6.0.1.5735
  AERTSr64.exe                                           : 1.0.64.8
  RAVCpl64.exe                                           : 1.0.0.264
  RtkAudioService64.exe                                  : 1.0.0.17
  RtlUpd64.exe                                           : 2.7.1.1
  SkyTel.exe                                             : 2.0.2.1
  vncutil64.exe                                          : 1.0.0.22
```

```
  GWfilt64.sys                                          : 6.10.0.3
  RTSnMg64.cpl                                          : 1.0.0.13
  AERTAC64.dll                                          : 2.0.64.1
  AERTAR64.dll                                          : 1.0.64.7
  CTAPO32.dll                                           : 1.0.0.530
  CTAPO64.dll                                           : 1.0.0.530
  ctppld.dll                                            : 1.0.0.530
  DaisyWrp.dll                                          : 1.0.0.70
  FMAPO64.dll                                           : 0.0.12.1
  MaxxAudioAPO20.dll                                    : 2.2.2.0
  ppchain.dll                                           : 1.0.0.70
  RCoInst64.dll                                         : 1.0.3.9
  RtCOM64.dll                                           : 2.0.0.100
  RTCOMDLL.dll                                          : 2.0.0.100
  RtkApi64.dll                                          : 1.0.0.8
  RtkAPO64.dll                                          : 11.0.6000.80
  RtlCPAPI.dll                                          : 1.0.1.9
  RtPgEx64.dll                                          : 6.0.6000.64
  slcshp64.dll                                          : 1.0.3.0
  slgeq64.dll                                           : 1.0.1.0
  slh36064.dll                                          : 1.0.2.0
  slInit64.dll                                          : 1.1.1.0
  sltshd64.dll                                          : 1.1.0.0
  sluapo64.dll                                          : 1.2.6.0
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5735
  RtkUpd.exe                                            : 2.7.1.1
  RHCoInst.dll                                          : 1.0.3.2
  RHDMIExt.dll                                          : 6.0.6000.64
  RtkHDMI.dll                                           : 11.0.6000.80


  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5735
  RtkUpd64.exe                                          : 2.7.1.1
  RHCoInst64.dll                                        : 1.0.3.2
  RHDMEx64.dll                                          : 6.0.6000.64
  RtkHDM64.dll                                          : 11.0.6000.80

  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5735
  RtkUpd.exe                                            : 2.7.1.1
  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5735
  RtkUpd64.exe                                          : 2.7.1.1

  Driver Setup Program                                  : 2.67

  Windows 2000/XP Operate on :
```

```
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013

//=================
Driver Package R2.08
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273,
ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Support Andrea microphone effect mixer type GUI.
        2.) Package:
            1. Change setup program install location to meet the requirements of
OEM Ready Certification Tool 1.1.0.1101



Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.5730
  RTKHDAUD.sys                                        : 5.10.0.5730
  MicCal.exe                                          : 1.1.2.0
  RTHDCPL.exe                                         : 2.2.4.9
  RtkAudioService64.exe                               : 1.0.0.17
  RtkAudioService.exe                                 : 1.0.0.16
  RTLCPL.exe                                          : 1.0.1.66
  RtlUpd64.exe                                        : 2.7.1.1
  RtlUpd.exe                                          : 2.7.1.1
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  vncutil64.exe                                       : 1.0.0.22
  vncutil.exe                                         : 1.0.0.22
  Alcmtr.exe                                          : 1.6.0.3
  AlcWzrd.exe                                         : 1.1.0.37
  Monfilt64.sys                                       : 5.10.0.4115
  Monfilt.sys                                         : 5.10.0.4112
  AMBFilt64.sys                                       : 5.10.0.4240
  AMBFilt.sys                                         : 5.10.0.4240
  RTSndMgr.cpl                                        : 1.0.1.0
  ALSndMgr.cpl                                        : 1.0.0.11
  RCoInst64XP.dll                                     : 1.0.3.8
  RTCOMDLL.dll                                        : 1.0.0.97
  RtkCoInstXP.dll                                     : 1.0.3.8
  RtlCPAPI.dll                                        : 1.0.1.9
```

Vista driver : ----------

Vista driver for x86	
RTKVHDA.sys	: 6.0.1.5730
AERTSrv.exe	: 1.0.32.8
RtHDVCpl.exe	: 1.0.0.257
RtkAudioService.exe	: 1.0.0.17
RtlUpd.exe	: 2.7.1.1
SkyTel.exe	: 2.0.2.1
vncutil.exe	: 1.0.0.22
RTSndMgr.cpl	: 1.0.0.10
AERTACap.dll	: 2.0.32.1
AERTARen.dll	: 1.0.32.7
CTAPO32.dll	: 1.0.0.530
ctppld.dll	: 1.0.0.530
DaisyWrp.dll	: 1.0.0.70
FMAPO.dll	: 0.0.12.1
MaxxAudioAPO.dll	: 1.2.2.0
MaxxAudioAPO20.dll	: 2.0.13.0
MaxxAudioEQ.dll	: 5.9.7.0
ppchain.dll	: 1.0.0.70
RTCOMDLL.dll	: 2.0.0.100
RtkAPO.dll	: 11.0.6000.79
RtkApoApi.dll	: 1.0.0.8
RtkCoInst.dll	: 1.0.3.8
RtkPgExt.dll	: 6.0.6000.64
RtlCPAPI.dll	: 1.0.1.9
slcshp32.dll	: 1.0.3.0
slgeq32.dll	: 1.0.1.0
slh36032.dll	: 1.0.2.0
slInit32.dll	: 1.1.1.0
sltshd32.dll	: 1.1.0.0
sluapo32.dll	: 1.2.6.0
SRSHP360.dll	: 1.1.0.0
SRSTSHD.dll	: 1.1.4.0
SRSTSXT.dll	: 3.2.0.0
SRSWOW.dll	: 1.1.3.0
WavesLib.dll	: 5.9.7.0
Vista driver for x64	
RTKVHD64.sys	: 6.0.1.5730
AERTSr64.exe	: 1.0.64.8
RAVCpl64.exe	: 1.0.0.257
RtkAudioService64.exe	: 1.0.0.17
RtlUpd64.exe	: 2.7.1.1
SkyTel.exe	: 2.0.2.1
vncutil64.exe	: 1.0.0.22
GWfilt64.sys	: 6.10.0.3
RTSnMg64.cpl	: 1.0.0.10
AERTAC64.dll	: 2.0.64.1
AERTAR64.dll	: 1.0.64.7
CTAPO32.dll	: 1.0.0.530
CTAPO64.dll	: 1.0.0.530
ctppld.dll	: 1.0.0.530
DaisyWrp.dll	: 1.0.0.70
FMAPO64.dll	: 0.0.12.1

```
  MaxxAudioAPO20.dll                                  : 2.0.12.0
  ppchain.dll                                         : 1.0.0.70
  RCoInst64.dll                                       : 1.0.3.8
  RtCOM64.dll                                         : 2.0.0.100
  RTCOMDLL.dll                                        : 2.0.0.100
  RtkApi64.dll                                        : 1.0.0.8
  RtkAPO64.dll                                        : 11.0.6000.79
  RtlCPAPI.dll                                        : 1.0.1.9
  RtPgEx64.dll                                        : 6.0.6000.64
  slcshp64.dll                                        : 1.0.3.0
  slgeq64.dll                                         : 1.0.1.0
  slh36064.dll                                        : 1.0.2.0
  slInit64.dll                                        : 1.1.1.0
  sltshd64.dll                                        : 1.1.0.0
  sluapo64.dll                                        : 1.2.6.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5692
  RtkUpd.exe                                          : 2.7.1.0
  RHCoInst.dll                                        : 1.0.3.2
  RHDMIExt.dll                                        : 6.0.6000.54
  RtkHDMI.dll                                         : 11.0.6000.72

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5692
  RtkUpd64.exe                                        : 2.7.1.0
  RHCoInst64.dll                                      : 1.0.3.2
  RHDMEx64.dll                                        : 6.0.6000.54
  RtkHDM64.dll                                        : 11.0.6000.72

  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5692
  RtkUpd.exe                                          : 2.7.1.0
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5692
  RtkUpd64.exe                                        : 2.7.1.0

  Driver Setup Program                                : 2.67

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R2.07
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273,
ALC887
```

2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262, ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
3. HDMI Device WHQL Support: ATI HDMI Devices
4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
1.) Driver :
1. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.5717
RTKHDAUD.sys	: 5.10.0.5717
Alcmtr.exe	: 1.6.0.3
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.2.0
RTHDCPL.exe	: 2.2.4.8
RTLCPL.exe	: 1.0.1.66
RtlUpd.exe	: 2.7.1.1
RtlUpd64.exe	: 2.7.1.1
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
AMBFilt.sys	: 5.10.0.4240
AMBFilt64.sys	: 5.10.0.4240
Monfilt.sys	: 5.10.0.4112
Monfilt64.sys	: 5.10.0.4115
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.0
RTCOMDLL.dll	: 1.0.0.97
RtlCPAPI.dll	: 1.0.1.9

Vista driver : ----------

Vista driver for x86	
RTKVHDA.sys	: 6.0.1.5717
AERTSrv.exe	: 1.0.32.7
RtHDVCpl.exe	: 1.0.0.251
RtkAudioService.exe	: 1.0.0.17
RtlUpd.exe	: 2.7.1.1
SkyTel.exe	: 2.0.2.1
vncutil.exe	: 1.0.0.22
RTSndMgr.cpl	: 1.0.0.10
AERTACap.dll	: 1.0.32.7
AERTARen.dll	: 1.0.32.3
CTAPO32.dll	: 1.0.0.530
ctppld.dll	: 1.0.0.530
DaisyWrp.dll	: 1.0.0.70
FMAPO.dll	: 40.59.0.0
MaxxAudioAPO.dll	: 1.2.2.0
MaxxAudioAPO20.dll	: 2.0.13.0
MaxxAudioEQ.dll	: 5.9.7.0
ppchain.dll	: 1.0.0.70
RTCOMDLL.dll	: 2.0.0.100
RtkAPO.dll	: 11.0.6000.78

```
  RtkApoApi.dll                                          : 1.0.0.6
  RtkCoInst.dll                                          : 1.0.3.7
  RtkPgExt.dll                                           : 6.0.6000.61
  RtlCPAPI.dll                                           : 1.0.1.9
  slcshp32.dll                                           : 1.0.3.0
  slgeq32.dll                                            : 1.0.1.0
  slh36032.dll                                           : 1.0.2.0
  slInit32.dll                                           : 1.1.1.0
  sltshd32.dll                                           : 1.1.0.0
  sluapo32.dll                                           : 1.2.6.0
  SRSHP360.dll                                           : 1.1.0.0
  SRSTSHD.dll                                            : 1.1.4.0
  SRSTSXT.dll                                            : 3.2.0.0
  SRSWOW.dll                                             : 1.1.3.0
  WavesLib.dll                                           : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                           : 6.0.1.5717
  AERTSr64.exe                                           : 1.0.64.7
  RAVCpl64.exe                                           : 1.0.0.251
  RtkAudioService.exe                                    : 1.0.0.17
  RtlUpd64.exe                                           : 2.7.1.1
  SkyTel.exe                                             : 2.0.2.1
  vncutil.exe                                            : 1.0.0.22
  GWfilt64.sys                                           : 6.10.0.3
  RTSnMg64.cpl                                           : 1.0.0.10
  AERTAC64.dll                                           : 1.0.64.7
  AERTAR64.dll                                           : 1.0.64.3
  CTAPO32.dll                                            : 1.0.0.530
  CTAPO64.dll                                            : 1.0.0.530
  ctppld.dll                                             : 1.0.0.530
  DaisyWrp.dll                                           : 1.0.0.70
  FMAPO64.dll                                            : 40.59.0.0
  MaxxAudioAPO20.dll                                     : 2.0.12.0
  ppchain.dll                                            : 1.0.0.70
  RCoInst64.dll                                          : 1.0.3.7
  RtCOM64.dll                                            : 2.0.0.100
  RTCOMDLL.dll                                           : 2.0.0.100
  RtkApi64.dll                                           : 1.0.0.6
  RtkAPO64.dll                                           : 11.0.6000.78
  RtlCPAPI.dll                                           : 1.0.1.9
  RtPgEx64.dll                                           : 6.0.6000.61
  slcshp64.dll                                           : 1.0.3.0
  slgeq64.dll                                            : 1.0.1.0
  slh36064.dll                                           : 1.0.2.0
  slInit64.dll                                           : 1.1.1.0
  sltshd64.dll                                           : 1.1.0.0
  sluapo64.dll                                           : 1.2.6.0
  SRSHP64.dll                                            : 1.1.0.0
  SRSTSH64.dll                                           : 1.1.4.0
  SRSTSX64.dll                                           : 3.2.0.0
  SRSWOW64.dll                                           : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                            : 6.0.1.5692
```

```
  RtkUpd.exe                                          : 2.7.1.0
  RHCoInst.dll                                        : 1.0.3.2
  RHDMIExt.dll                                        : 6.0.6000.54
  RtkHDMI.dll                                         : 11.0.6000.72

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5692
  RtkUpd64.exe                                        : 2.7.1.0
  RHCoInst64.dll                                      : 1.0.3.2
  RHDMEx64.dll                                        : 6.0.6000.54
  RtkHDM64.dll                                        : 11.0.6000.72

  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5692
  RtkUpd.exe                                          : 2.7.1.0
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5692
  RtkUpd64.exe                                        : 2.7.1.0

  Driver Setup Program                                : 2.64

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R2.06
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273,
ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.5713
  RTKHDAUD.sys                                        : 5.10.0.5713
  Alcmtr.exe                                          : 1.6.0.3
  AlcWzrd.exe                                         : 1.1.0.37
  MicCal.exe                                          : 1.1.2.0
  RTHDCPL.exe                                         : 2.2.4.6
  RTLCPL.exe                                          : 1.0.1.66
  RtlUpd64.exe                                        : 2.7.1.1
  RtlUpd.exe                                          : 2.7.1.1
```

```
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.32
  AMBFilt64.sys                                       : 5.10.0.4240
  AMBFilt.sys                                         : 5.10.0.4240
  Monfilt64.sys                                       : 5.10.0.4115
  Monfilt.sys                                         : 5.10.0.4112
  ALSndMgr.cpl                                        : 1.0.0.11
  RTSndMgr.cpl                                        : 1.0.1.0
  RTCOMDLL.dll                                        : 1.0.0.97
  RtlCPAPI.dll                                        : 1.0.1.9
Vista driver : ----------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                         : 6.0.1.5713
  AERTSrv.exe                                         : 1.0.32.7
  RtHDVCpl.exe                                        : 1.0.0.248
  RtkAudioService.exe                                 : 1.0.0.16
  RtlUpd.exe                                          : 2.7.1.1
  SkyTel.exe                                          : 2.0.2.1
  vncutil.exe                                         : 1.0.0.22
  RTSndMgr.cpl                                        : 1.0.0.10
  AERTACap.dll                                        : 1.0.32.7
  AERTARen.dll                                        : 1.0.32.3
  CTAPO32.dll                                         : 1.0.0.530
  ctppld.dll                                          : 1.0.0.530
  DaisyWrp.dll                                        : 1.0.0.70
  FMAPO.dll                                           : 40.59.0.0
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.0.13.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  ppchain.dll                                         : 1.0.0.70
  RTCOMDLL.dll                                        : 2.0.0.100
  RtkAPO.dll                                          : 11.0.6000.77
  RtkApoApi.dll                                       : 1.0.0.6
  RtkCoInst.dll                                       : 1.0.3.6
  RtkPgExt.dll                                        : 6.0.6000.61
  RtlCPAPI.dll                                        : 1.0.1.9
  slcshp32.dll                                        : 1.0.3.0
  slgeq32.dll                                         : 1.0.1.0
  slh36032.dll                                        : 1.0.2.0
  slInit32.dll                                        : 1.1.1.0
  sltshd32.dll                                        : 1.1.0.0
  sluapo32.dll                                        : 1.2.6.0
  SRSHP360.dll                                        : 1.1.0.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  WavesLib.dll                                        : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                        : 6.0.1.5713
  AERTSr64.exe                                        : 1.0.64.7
  RAVCpl64.exe                                        : 1.0.0.248
  RtkAudioService.exe                                 : 1.0.0.16
  RtlUpd64.exe                                        : 2.7.1.1
  SkyTel.exe                                          : 2.0.2.1
```

```
  vncutil.exe                                          : 1.0.0.22
  GWfilt64.sys                                         : 6.10.0.3
  RTSnMg64.cpl                                         : 1.0.0.10
  AERTAC64.dll                                         : 1.0.64.7
  AERTAR64.dll                                         : 1.0.64.3
  CTAPO32.dll                                          : 1.0.0.530
  CTAPO64.dll                                          : 1.0.0.530
  ctppld.dll                                           : 1.0.0.530
  DaisyWrp.dll                                         : 1.0.0.70
  FMAPO64.dll                                          : 40.59.0.0
  MaxxAudioAPO20.dll                                   : 2.0.12.0
  ppchain.dll                                          : 1.0.0.70
  RCoInst64.dll                                        : 1.0.3.6
  RtCOM64.dll                                          : 2.0.0.100
  RTCOMDLL.dll                                         : 2.0.0.100
  RtkApi64.dll                                         : 1.0.0.6
  RtkAPO64.dll                                         : 11.0.6000.77
  RtlCPAPI.dll                                         : 1.0.1.9
  RtPgEx64.dll                                         : 6.0.6000.61
  slcshp64.dll                                         : 1.0.3.0
  slgeq64.dll                                          : 1.0.1.0
  slh36064.dll                                         : 1.0.2.0
  slInit64.dll                                         : 1.1.1.0
  sltshd64.dll                                         : 1.1.0.0
  sluapo64.dll                                         : 1.2.6.0
  SRSHP64.dll                                          : 1.1.0.0
  SRSTSH64.dll                                         : 1.1.4.0
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                          : 6.0.1.5692
  RtkUpd.exe                                           : 2.7.1.0
  RHCoInst.dll                                         : 1.0.3.2
  RHDMIExt.dll                                         : 6.0.6000.54
  RtkHDMI.dll                                          : 11.0.6000.72

  Vista x64:
  RtHDMIVX.sys                                         : 6.0.1.5692
  RtkUpd64.exe                                         : 2.7.1.0
  RHCoInst64.dll                                       : 1.0.3.2
  RHDMEx64.dll                                         : 6.0.6000.54
  RtkHDM64.dll                                         : 11.0.6000.72

  XP/2K x86:
  RtHDMI.sys                                           : 5.10.0.5692
  RtkUpd.exe                                           : 2.7.1.0
  XP/2K x64:
  RtHDMIX.sys                                          : 5.10.0.5692
  RtkUpd64.exe                                         : 2.7.1.0

  Driver Setup Program                                 : 2.64

  Windows 2000/XP Operate on :
```

```
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R2.05
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273,
ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Meet Microsoft OEM Ready program requirements.
        2.) Package :
            1. Meet Microsoft OEM Ready program requirements.


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                      : 5.10.0.5708
  RTKHDAUD.sys                                      : 5.10.0.5708
  MicCal.exe                                        : 1.1.1.9
  RTHDCPL.exe                                       : 2.2.4.5
  RTLCPL.exe                                        : 1.0.1.66
  RtlUpd64.exe                                      : 2.7.1.1
  RtlUpd.exe                                        : 2.7.1.1
  SkyTel.exe                                        : 2.0.2.0
  SoundMan.exe                                      : 1.0.0.32
  Alcmtr.exe                                        : 1.6.0.3
  AlcWzrd.exe                                       : 1.1.0.37
  Monfilt64.sys                                     : 5.10.0.4115
  Monfilt.sys                                       : 5.10.0.4112
  AMBFilt64.sys                                     : 5.10.0.4240
  AMBFilt.sys                                       : 5.10.0.4240
  RTSndMgr.cpl                                      : 1.0.1.0
  ALSndMgr.cpl                                      : 1.0.0.11
  RTCOMDLL.dll                                      : 1.0.0.97
  RtlCPAPI.dll                                      : 1.0.1.9
Vista driver : -------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                       : 6.0.1.5708
  AERTSrv.exe                                       : 1.0.32.7
  RtHDVCpl.exe                                      : 1.0.0.246
  RtkAudioService.exe                               : 1.0.0.16
  RtlUpd.exe                                        : 2.7.1.1
  SkyTel.exe                                        : 2.0.2.1
  vncutil.exe                                       : 1.0.0.21
```

RTSndMgr.cpl : 1.0.0.10
AERTACap.dll : 1.0.32.7
AERTARen.dll : 1.0.32.3
CTAPO32.dll : 1.0.0.530
ctppld.dll : 1.0.0.530
DaisyWrp.dll : 1.0.0.70
FMAPO.dll : 40.59.0.0
MaxxAudioAPO.dll : 1.2.2.0
MaxxAudioAPO20.dll : 2.0.13.0
MaxxAudioEQ.dll : 5.9.7.0
ppchain.dll : 1.0.0.70
RTCOMDLL.dll : 2.0.0.100
RtkAPO.dll : 11.0.6000.76
RtkApoApi.dll : 1.0.0.4
RtkCoInst.dll : 1.0.3.5
RtkPgExt.dll : 6.0.6000.60
RtlCPAPI.dll : 1.0.1.9
slcshp32.dll : 1.0.3.0
slgeq32.dll : 1.0.1.0
slh36032.dll : 1.0.2.0
slInit32.dll : 1.1.1.0
sltshd32.dll : 1.1.0.0
sluapo32.dll : 1.2.6.0
SRSHP360.dll : 1.1.0.0
SRSTSHD.dll : 1.1.4.0
SRSTSXT.dll : 3.2.0.0
SRSWOW.dll : 1.1.3.0
WavesLib.dll : 5.9.7.0
Vista driver for x64
RTKVHD64.sys : 6.0.1.5708
AERTSr64.exe : 1.0.64.7
RAVCpl64.exe : 1.0.0.246
RtkAudioService.exe : 1.0.0.16
RtlUpd64.exe : 2.7.1.1
SkyTel.exe : 2.0.2.1
vncutil.exe : 1.0.0.21
GWfilt64.sys : 6.10.0.3
RTSnMg64.cpl : 1.0.0.10
AERTAC64.dll : 1.0.64.7
AERTAR64.dll : 1.0.64.3
CTAPO32.dll : 1.0.0.530
CTAPO64.dll : 1.0.0.530
ctppld.dll : 1.0.0.530
DaisyWrp.dll : 1.0.0.70
FMAPO64.dll : 40.59.0.0
MaxxAudioAPO20.dll : 2.0.12.0
ppchain.dll : 1.0.0.70
RCoInst64.dll : 1.0.3.5
RtCOM64.dll : 2.0.0.100
RTCOMDLL.dll : 2.0.0.100
RtkApi64.dll : 1.0.0.4
RtkAPO64.dll : 11.0.6000.76
RtlCPAPI.dll : 1.0.1.9
RtPgEx64.dll : 6.0.6000.60

```
  slcshp64.dll                                        : 1.0.3.0
  slgeq64.dll                                         : 1.0.1.0
  slh36064.dll                                        : 1.0.2.0
  slInit64.dll                                        : 1.1.1.0
  sltshd64.dll                                        : 1.1.0.0
  sluapo64.dll                                        : 1.2.6.0
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5692
  RtkUpd.exe                                          : 2.7.1.0
  RHCoInst.dll                                        : 1.0.3.2
  RHDMIExt.dll                                        : 6.0.6000.54
  RtkHDMI.dll                                         : 11.0.6000.72

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5692
  RtkUpd64.exe                                        : 2.7.1.0
  RHCoInst64.dll                                      : 1.0.3.2
  RHDMEx64.dll                                        : 6.0.6000.54
  RtkHDM64.dll                                        : 11.0.6000.72

  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5692
  RtkUpd.exe                                          : 2.7.1.0
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5692
  RtkUpd64.exe                                        : 2.7.1.0

  Driver Setup Program                                : 2.64

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R2.04
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273,
ALC887
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273, ALC887
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
```

2. Support ALC887.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.5700
RTKHDAUD.sys	: 5.10.0.5700
Alcmtr.exe	: 1.6.0.3
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.1.8
RTHDCPL.exe	: 2.2.4.0
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.7.1.0
RtlUpd.exe	: 2.7.1.0
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.32
AMBFilt64.sys	: 5.10.0.4240
AMBFilt.sys	: 5.10.0.4240
Monfilt64.sys	: 5.10.0.4115
Monfilt.sys	: 5.10.0.4112
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.0
RTCOMDLL.dll	: 1.0.0.97
RtlCPAPI.dll	: 1.0.1.9

Vista driver : ----------

Vista driver for x86	
RTKVHDA.sys	: 6.0.1.5700
AERTSrv.exe	: 1.0.32.7
RtHDVCpl.exe	: 1.0.0.240
RtkAudioService.exe	: 1.0.0.16
RtlUpd.exe	: 2.7.1.0
SkyTel.exe	: 2.0.2.1
vncutil.exe	: 1.0.0.21
RTSndMgr.cpl	: 1.0.0.9
AERTACap.dll	: 1.0.32.7
AERTARen.dll	: 1.0.32.3
CTAPO32.dll	: 1.0.0.520
ctppld.dll	: 1.0.0.510
DaisyWrp.dll	: 1.0.0.70
FMAPO.dll	: 40.59.0.0
MaxxAudioAPO.dll	: 1.2.2.0
MaxxAudioAPO20.dll	: 2.0.13.0
MaxxAudioEQ.dll	: 5.9.7.0
ppchain.dll	: 1.0.0.70
RTCOMDLL.dll	: 2.0.0.100
RtkAPO.dll	: 11.0.6000.74
RtkApoApi.dll	: 1.0.0.4
RtkCoInst.dll	: 1.0.3.2
RtkPgExt.dll	: 6.0.6000.56
RtlCPAPI.dll	: 1.0.1.9
SRSHP360.dll	: 1.1.0.0
SRSTSHD.dll	: 1.1.4.0
SRSTSXT.dll	: 3.2.0.0
SRSWOW.dll	: 1.1.3.0

```
  WavesLib.dll                                        : 5.9.7.0
  Vista driver for x64
  GWfilt64.sys                                        : 6.10.0.3
  RTKVHD64.sys                                        : 6.0.1.5700
  AERTSr64.exe                                        : 1.0.64.7
  RAVCpl64.exe                                        : 1.0.0.240
  RtkAudioService.exe                                 : 1.0.0.16
  RtlUpd64.exe                                        : 2.7.1.0
  SkyTel.exe                                          : 2.0.2.1
  vncutil.exe                                         : 1.0.0.21
  RTSnMg64.cpl                                        : 1.0.0.9
  AERTAC64.dll                                        : 1.0.64.7
  AERTAR64.dll                                        : 1.0.64.3
  CTAPO32.dll                                         : 1.0.0.520
  CTAPO64.dll                                         : 1.0.0.520
  ctppld.dll                                          : 1.0.0.510
  DaisyWrp.dll                                        : 1.0.0.70
  FMAPO64.dll                                         : 40.59.0.0
  MaxxAudioAPO20.dll                                  : 2.0.12.0
  ppchain.dll                                         : 1.0.0.70
  RCoInst64.dll                                       : 1.0.3.2
  RtCOM64.dll                                         : 2.0.0.100
  RTCOMDLL.dll                                        : 2.0.0.100
  RtkApi64.dll                                        : 1.0.0.4
  RtkAPO64.dll                                        : 11.0.6000.74
  RtlCPAPI.dll                                        : 1.0.1.9
  RtPgEx64.dll                                        : 6.0.6000.56
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5692
  RtkUpd.exe                                          : 2.7.1.0
  RHCoInst.dll                                        : 1.0.3.2
  RHDMIExt.dll                                        : 6.0.6000.54
  RtkHDMI.dll                                         : 11.0.6000.72

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5692
  RtkUpd64.exe                                        : 2.7.1.0
  RHCoInst64.dll                                      : 1.0.3.2
  RHDMEx64.dll                                        : 6.0.6000.54
  RtkHDM64.dll                                        : 11.0.6000.72

  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5692
  RtkUpd.exe                                          : 2.7.1.0
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5692
  RtkUpd64.exe                                        : 2.7.1.0

  Driver Setup Program                                : 2.62
```

```
  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R2.03
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                      : 5.10.0.5694
  RTKHDAUD.sys                                      : 5.10.0.5694
  Alcmtr.exe                                        : 1.6.0.3
  AlcWzrd.exe                                       : 1.1.0.37
  MicCal.exe                                        : 1.1.1.8
  RTHDCPL.exe                                       : 2.2.3.8
  RTLCPL.exe                                        : 1.0.1.66
  RtlUpd64.exe                                      : 2.7.1.0
  RtlUpd.exe                                        : 2.7.1.0
  SkyTel.exe                                        : 2.0.2.0
  SoundMan.exe                                      : 1.0.0.32
  ALSndMgr.cpl                                      : 1.0.0.11
  RTSndMgr.cpl                                      : 1.0.1.0
  RTCOMDLL.dll                                      : 1.0.0.97
  RtlCPAPI.dll                                      : 1.0.1.9
Vista driver : -------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                       : 6.0.1.5694
  AERTSrv.exe                                       : 1.0.32.7
  RtHDVCpl.exe                                      : 1.0.0.235
  RtkAudioService.exe                               : 1.0.0.16
  RtlUpd.exe                                        : 2.7.1.0
  SkyTel.exe                                        : 2.0.2.1
  vncutil.exe                                       : 1.0.0.21
  RTSndMgr.cpl                                      : 1.0.0.9
  AERTACap.dll                                      : 1.0.32.7
  AERTARen.dll                                      : 1.0.32.3
  FMAPO.dll                                         : 40.59.0.0
  MaxxAudioAPO.dll                                  : 1.2.2.0
  MaxxAudioAPO20.dll                                : 2.0.13.0
```

```
  MaxxAudioEQ.dll                                    : 5.9.7.0
  RTCOMDLL.dll                                       : 2.0.0.99
  RtkAPO.dll                                         : 11.0.6000.72
  RtkApoApi.dll                                      : 1.0.0.4
  RtkCoInst.dll                                      : 1.0.3.2
  RtkPgExt.dll                                       : 6.0.6000.54
  RtlCPAPI.dll                                       : 1.0.1.9
  SRSHP360.dll                                       : 1.1.0.0
  SRSTSHD.dll                                        : 1.1.4.0
  SRSTSXT.dll                                        : 3.2.0.0
  SRSWOW.dll                                         : 1.1.3.0
  WavesLib.dll                                       : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                       : 6.0.1.5694
  AERTSr64.exe                                       : 1.0.64.7
  RAVCpl64.exe                                       : 1.0.0.235
  RtkAudioService.exe                                : 1.0.0.16
  RtlUpd64.exe                                       : 2.7.1.0
  SkyTel.exe                                         : 2.0.2.1
  vncutil.exe                                        : 1.0.0.21
  RTSnMg64.cpl                                       : 1.0.0.9
  AERTAC64.dll                                       : 1.0.64.7
  AERTAR64.dll                                       : 1.0.64.3
  FMAPO64.dll                                        : 40.59.0.0
  MaxxAudioAPO20.dll                                 : 2.0.12.0
  RCoInst64.dll                                      : 1.0.3.2
  RtCOM64.dll                                        : 2.0.0.99
  RTCOMDLL.dll                                       : 2.0.0.99
  RtkApi64.dll                                       : 1.0.0.4
  RtkAPO64.dll                                       : 11.0.6000.72
  RtlCPAPI.dll                                       : 1.0.1.9
  RtPgEx64.dll                                       : 6.0.6000.54
  SRSHP64.dll                                        : 1.1.0.0
  SRSTSH64.dll                                       : 1.1.4.0
  SRSTSX64.dll                                       : 3.2.0.0
  SRSWOW64.dll                                       : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                        : 6.0.1.5692
  RtkUpd.exe                                         : 2.7.1.0
  RHCoInst.dll                                       : 1.0.3.2
  RHDMIExt.dll                                       : 6.0.6000.54
  RtkHDMI.dll                                        : 11.0.6000.72

  Vista x64:
  RtHDMIVX.sys                                       : 6.0.1.5692
  RtkUpd64.exe                                       : 2.7.1.0
  RHCoInst64.dll                                     : 1.0.3.2
  RHDMEx64.dll                                       : 6.0.6000.54
  RtkHDM64.dll                                       : 11.0.6000.72

  XP/2K x86:
  RtHDMI.sys                                         : 5.10.0.5692
  RtkUpd.exe                                         : 2.7.1.0
```

```
  XP/2K x64:
  RtHDMIX.sys                                          : 5.10.0.5692
  RtkUpd64.exe                                         : 2.7.1.0

  Driver Setup Program                                 : 2.62

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R2.02
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Update ForteMedia microphone effect library.

        2.) Package :
            1. Delete driver file by Rtlupd.exe in Windows 2000/2003/XP System .
( Rtlupd.exe 2.7.1.0 )


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                         : 5.10.0.5683
  RTKHDAUD.sys                                         : 5.10.0.5683
  Alcmtr.exe                                           : 1.6.0.3
  AlcWzrd.exe                                          : 1.1.0.37
  MicCal.exe                                           : 1.1.1.8
  RTHDCPL.exe                                          : 2.2.3.3
  RTLCPL.exe                                           : 1.0.1.66
  RtlUpd64.exe                                         : 2.7.1.0
  RtlUpd.exe                                           : 2.7.1.0
  SkyTel.exe                                           : 2.0.2.0
  SoundMan.exe                                         : 1.0.0.31
  ALSndMgr.cpl                                         : 1.0.0.11
  RTSndMgr.cpl                                         : 1.0.1.0
  RTCOMDLL.dll                                         : 1.0.0.97
  RtlCPAPI.dll                                         : 1.0.1.9
Vista driver : -------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                          : 6.0.1.5683
  AERTSrv.exe                                          : 1.0.32.7
  RtHDVCpl.exe                                         : 1.0.0.227
```

```
  RtkAudioService.exe                                : 1.0.0.16
  RtlUpd.exe                                         : 2.7.1.0
  SkyTel.exe                                         : 2.0.2.1
  vncutil.exe                                        : 1.0.0.19
  RTSndMgr.cpl                                       : 1.0.0.8
  AERTACap.dll                                       : 1.0.32.7
  AERTARen.dll                                       : 1.0.32.3
  FMAPO.dll                                          : 40.59.0.0
  MaxxAudioAPO.dll                                   : 1.2.2.0
  MaxxAudioAPO20.dll                                 : 2.0.13.0
  MaxxAudioEQ.dll                                    : 5.9.7.0
  RTCOMDLL.dll                                       : 2.0.0.99
  RtkAPO.dll                                         : 11.0.6000.71
  RtkApoApi.dll                                      : 1.0.0.4
  RtkCoInst.dll                                      : 1.0.3.2
  RtkPgExt.dll                                       : 6.0.6000.53
  RtlCPAPI.dll                                       : 1.0.1.9
  SRSHP360.dll                                       : 1.1.0.0
  SRSTSHD.dll                                        : 1.1.4.0
  SRSTSXT.dll                                        : 3.2.0.0
  SRSWOW.dll                                         : 1.1.3.0
  WavesLib.dll                                       : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                       : 6.0.1.5683
  AERTSr64.exe                                       : 1.0.64.7
  RAVCpl64.exe                                       : 1.0.0.227
  RtkAudioService.exe                                : 1.0.0.16
  RtlUpd64.exe                                       : 2.7.1.0
  SkyTel.exe                                         : 2.0.2.1
  vncutil.exe                                        : 1.0.0.19
  RTSnMg64.cpl                                       : 1.0.0.8
  AERTAC64.dll                                       : 1.0.64.7
  AERTAR64.dll                                       : 1.0.64.3
  FMAPO64.dll                                        : 40.59.0.0
  MaxxAudioAPO20.dll                                 : 2.0.12.0
  RCoInst64.dll                                      : 1.0.3.2
  RtCOM64.dll                                        : 2.0.0.99
  RTCOMDLL.dll                                       : 2.0.0.99
  RtkApi64.dll                                       : 1.0.0.4
  RtkAPO64.dll                                       : 11.0.6000.71
  RtlCPAPI.dll                                       : 1.0.1.9
  RtPgEx64.dll                                       : 6.0.6000.53
  SRSHP64.dll                                        : 1.1.0.0
  SRSTSH64.dll                                       : 1.1.4.0
  SRSTSX64.dll                                       : 3.2.0.0
  SRSWOW64.dll                                       : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                        : 6.0.1.5668
  RtkUpd.exe                                         : 2.7.0.9
  RHCoInst.dll                                       : 1.0.2.9
  RHDMIExt.dll                                       : 6.0.6000.52
  RtkHDMI.dll                                        : 11.0.6000.69
```

```
  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5668
  RtkUpd64.exe                                          : 2.7.0.9
  RHCoInst64.dll                                        : 1.0.2.9
  RHDMEx64.dll                                          : 6.0.6000.52
  RtkHDM64.dll                                          : 11.0.6000.69

  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5668
  RtkUpd.exe                                            : 2.7.0.9
  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5668
  RtkUpd64.exe                                          : 2.7.0.9

  Driver Setup Program                                  : 2.62

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R2.01
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272, ALC273
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272, ALC273
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Support ALC273.

        2.) Package :
            1. Change warning message for upgrade driver .
            2. ChCfg.exe add version and manifest embedded feature .
            3. Add Manifest to Rtlupd.exe and HideWin.exe .
            4. The SetCDfmt function was included by RtlExUpd.dll Ver.1.0.1.1


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5680
  RTKHDAUD.sys                                          : 5.10.0.5680
  Alcmtr.exe                                            : 1.6.0.3
  AlcWzrd.exe                                           : 1.1.0.37
  MicCal.exe                                            : 1.1.1.8
  RTHDCPL.exe                                           : 2.2.3.3
  RTLCPL.exe                                            : 1.0.1.66
  RtlUpd64.exe                                          : 2.7.0.9
```

```
  RtlUpd.exe                                          : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.31
  ALSndMgr.cpl                                        : 1.0.0.11
  RTSndMgr.cpl                                        : 1.0.1.0
  RTCOMDLL.dll                                        : 1.0.0.97
  RtlCPAPI.dll                                        : 1.0.1.9
Vista driver : ------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                         : 6.0.1.5680
  AERTSrv.exe                                         : 1.0.32.7
  RtHDVCpl.exe                                        : 1.0.0.224
  RtkAudioService.exe                                 : 1.0.0.16
  RtlUpd.exe                                          : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.1
  vncutil.exe                                         : 1.0.0.19
  RTSndMgr.cpl                                        : 1.0.0.8
  AERTACap.dll                                        : 1.0.32.7
  AERTARen.dll                                        : 1.0.32.3
  FMAPO.dll                                           : 40.59.0.0
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.0.13.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  RTCOMDLL.dll                                        : 2.0.0.99
  RtkAPO.dll                                          : 11.0.6000.71
  RtkApoApi.dll                                       : 1.0.0.4
  RtkCoInst.dll                                       : 1.0.3.2
  RtkPgExt.dll                                        : 6.0.6000.53
  RtlCPAPI.dll                                        : 1.0.1.9
  SRSHP360.dll                                        : 1.1.0.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  WavesLib.dll                                        : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                        : 6.0.1.5680
  AERTSr64.exe                                        : 1.0.64.7
  RAVCpl64.exe                                        : 1.0.0.224
  RtkAudioService.exe                                 : 1.0.0.16
  RtlUpd64.exe                                        : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.1
  vncutil.exe                                         : 1.0.0.19
  RTSnMg64.cpl                                        : 1.0.0.8
  AERTAC64.dll                                        : 1.0.64.7
  AERTAR64.dll                                        : 1.0.64.3
  FMAPO64.dll                                         : 40.59.0.0
  MaxxAudioAPO20.dll                                  : 2.0.12.0
  RCoInst64.dll                                       : 1.0.3.2
  RtCOM64.dll                                         : 2.0.0.99
  RTCOMDLL.dll                                        : 2.0.0.99
  RtkApi64.dll                                        : 1.0.0.4
  RtkAPO64.dll                                        : 11.0.6000.71
  RtlCPAPI.dll                                        : 1.0.1.9
  RtPgEx64.dll                                        : 6.0.6000.53
```

```
  SRSHP64.dll                                          : 1.1.0.0
  SRSTSH64.dll                                         : 1.1.4.0
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                          : 6.0.1.5668
  RtkUpd.exe                                           : 2.7.0.9
  RHCoInst.dll                                         : 1.0.2.9
  RHDMIExt.dll                                         : 6.0.6000.52
  RtkHDMI.dll                                          : 11.0.6000.69

  Vista x64:
  RtHDMIVX.sys                                         : 6.0.1.5668
  RtkUpd64.exe                                         : 2.7.0.9
  RHCoInst64.dll                                       : 1.0.2.9
  RHDMEx64.dll                                         : 6.0.6000.52
  RtkHDM64.dll                                         : 11.0.6000.69

  XP/2K x86:
  RtHDMI.sys                                           : 5.10.0.5668
  RtkUpd.exe                                           : 2.7.0.9
  XP/2K x64:
  RtHDMIX.sys                                          : 5.10.0.5668
  RtkUpd64.exe                                         : 2.7.0.9

  Driver Setup Program                                 : 2.61

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R2.00
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.


Windows 2000/XP : --------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                         : 5.10.0.5672
  RTKHDAUD.sys                                         : 5.10.0.5672
  Alcmtr.exe                                           : 1.6.0.3
```

```
  AlcWzrd.exe                                        : 1.1.0.37
  MicCal.exe                                         : 1.1.1.8
  RTHDCPL.exe                                        : 2.2.3.1
  RTLCPL.exe                                         : 1.0.1.66
  RtlUpd64.exe                                       : 2.7.0.9
  RtlUpd.exe                                         : 2.7.0.9
  SkyTel.exe                                         : 2.0.2.0
  SoundMan.exe                                       : 1.0.0.31
  ALSndMgr.cpl                                       : 1.0.0.11
  RTSndMgr.cpl                                       : 1.0.1.0
  RTCOMDLL.dll                                       : 1.0.0.97
  RtlCPAPI.dll                                       : 1.0.1.9
Vista driver : ------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                        : 6.0.1.5672
  AERTSrv.exe                                        : 1.0.32.7
  RtHDVCpl.exe                                       : 1.0.0.219
  RtkAudioService.exe                                : 1.0.0.16
  RtlUpd.exe                                         : 2.7.0.9
  SkyTel.exe                                         : 2.0.2.1
  vncutil.exe                                        : 1.0.0.19
  RTSndMgr.cpl                                       : 1.0.0.8
  AERTACap.dll                                       : 1.0.32.7
  AERTARen.dll                                       : 1.0.32.3
  FMAPO.dll                                          : 40.59.0.0
  MaxxAudioAPO.dll                                   : 1.2.2.0
  MaxxAudioAPO20.dll                                 : 2.0.13.0
  MaxxAudioEQ.dll                                    : 5.9.7.0
  RTCOMDLL.dll                                       : 2.0.0.98
  RtkAPO.dll                                         : 11.0.6000.70
  RtkApoApi.dll                                      : 1.0.0.4
  RtkCoInst.dll                                      : 1.0.3.1
  RtkPgExt.dll                                       : 6.0.6000.53
  RtlCPAPI.dll                                       : 1.0.1.9
  SRSHP360.dll                                       : 1.1.0.0
  SRSTSHD.dll                                        : 1.1.4.0
  SRSTSXT.dll                                        : 3.2.0.0
  SRSWOW.dll                                         : 1.1.3.0
  WavesLib.dll                                       : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                       : 6.0.1.5672
  AERTSr64.exe                                       : 1.0.64.7
  RAVCpl64.exe                                       : 1.0.0.219
  RtkAudioService.exe                                : 1.0.0.16
  RtlUpd64.exe                                       : 2.7.0.9
  SkyTel.exe                                         : 2.0.2.1
  vncutil.exe                                        : 1.0.0.19
  RTSnMg64.cpl                                       : 1.0.0.8
  AERTAC64.dll                                       : 1.0.64.7
  AERTAR64.dll                                       : 1.0.64.3
  FMAPO64.dll                                        : 40.59.0.0
  MaxxAudioAPO20.dll                                 : 2.0.12.0
  RCoInst64.dll                                      : 1.0.3.1
  RtCOM64.dll                                        : 2.0.0.98
```

```
  RTCOMDLL.dll                                        : 2.0.0.98
  RtkApi64.dll                                        : 1.0.0.4
  RtkAPO64.dll                                        : 11.0.6000.70
  RtlCPAPI.dll                                        : 1.0.1.9
  RtPgEx64.dll                                        : 6.0.6000.53
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5668
  RtkUpd.exe                                          : 2.7.0.9
  RHCoInst.dll                                        : 1.0.2.9
  RHDMIExt.dll                                        : 6.0.6000.52
  RtkHDMI.dll                                         : 11.0.6000.69

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5668
  RtkUpd64.exe                                        : 2.7.0.9
  RHCoInst64.dll                                      : 1.0.2.9
  RHDMEx64.dll                                        : 6.0.6000.52
  RtkHDM64.dll                                        : 11.0.6000.69

  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5668
  RtkUpd.exe                                          : 2.7.0.9
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5668
  RtkUpd64.exe                                        : 2.7.0.9

  Driver Setup Program                                : 2.60

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.99
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
```

```
Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.5667
  RTKHDAUD.sys                                        : 5.10.0.5667
  MicCal.exe                                          : 1.1.1.8
  RTHDCPL.exe                                         : 2.2.3.0
  RTLCPL.exe                                          : 1.0.1.66
  RtlUpd64.exe                                        : 2.7.0.9
  RtlUpd.exe                                          : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.31
  Alcmtr.exe                                          : 1.6.0.3
  AlcWzrd.exe                                         : 1.1.0.37
  RTSndMgr.cpl                                        : 1.0.1.0
  ALSndMgr.cpl                                        : 1.0.0.11
  RTCOMDLL.dll                                        : 1.0.0.97
  RtlCPAPI.dll                                        : 1.0.1.9
Vista driver : -------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                         : 6.0.1.5667
  AERTSrv.exe                                         : 1.0.32.2
  RtHDVCpl.exe                                        : 1.0.0.215
  RtkAudioService.exe                                 : 1.0.0.16
  RtlUpd.exe                                          : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.1
  vncutil.exe                                         : 1.0.0.18
  RTSndMgr.cpl                                        : 1.0.0.8
  AERTACap.dll                                        : 1.0.32.7
  AERTARen.dll                                        : 1.0.32.3
  FMAPO.dll                                           : 40.59.0.0
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.0.13.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  RTCOMDLL.dll                                        : 2.0.0.98
  RtkAPO.dll                                          : 11.0.6000.69
  RtkApoApi.dll                                       : 1.0.0.4
  RtkCoInst.dll                                       : 1.0.3.1
  RtkPgExt.dll                                        : 6.0.6000.52
  RtlCPAPI.dll                                        : 1.0.1.9
  SRSHP360.dll                                        : 1.1.0.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  WavesLib.dll                                        : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                        : 6.0.1.5667
  AERTSr64.exe                                        : 1.0.64.2
  RAVCpl64.exe                                        : 1.0.0.215
  RtkAudioService.exe                                 : 1.0.0.16
  RtlUpd64.exe                                        : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.1
  vncutil.exe                                         : 1.0.0.18
  RTSnMg64.cpl                                        : 1.0.0.8
  AERTAC64.dll                                        : 1.0.64.7
```

```
  AERTAR64.dll                                        : 1.0.64.3
  FMAPO64.dll                                         : 40.59.0.0
  MaxxAudioAPO20.dll                                  : 2.0.12.0
  RCoInst64.dll                                       : 1.0.3.1
  RtCOM64.dll                                         : 2.0.0.98
  RTCOMDLL.dll                                        : 2.0.0.98
  RtkApi64.dll                                        : 1.0.0.4
  RtkAPO64.dll                                        : 11.0.6000.69
  RtlCPAPI.dll                                        : 1.0.1.9
  RtPgEx64.dll                                        : 6.0.6000.52
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5645
  RtkUpd.exe                                          : 2.7.0.9
  RHCoInst.dll                                        : 1.0.2.9
  RHDMIExt.dll                                        : 6.0.6000.50
  RtkHDMI.dll                                         : 11.0.6000.67

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5645
  RtkUpd64.exe                                        : 2.7.0.9
  RHCoInst64.dll                                      : 1.0.2.9
  RHDMEx64.dll                                        : 6.0.6000.50
  RtkHDM64.dll                                        : 11.0.6000.67

  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5645
  RtkUpd.exe                                          : 2.7.0.9
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5645
  RtkUpd64.exe                                        : 2.7.0.9

  Driver Setup Program                                : 2.60

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.98
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
```

6. Add/Fix
1.) Driver :
1. Customizations.
2. Fix the potential risk that audio driver can't be installed completely under Vista.

Windows 2000/XP : ----------

Windows 2000/XP :	
RTKHDA64.sys	: 5.10.0.5657
RTKHDAUD.sys	: 5.10.0.5657
Alcmtr.exe	: 1.6.0.3
AlcWzrd.exe	: 1.1.0.37
MicCal.exe	: 1.1.1.8
RTHDCPL.exe	: 2.2.2.5
RTLCPL.exe	: 1.0.1.66
RtlUpd64.exe	: 2.7.0.9
RtlUpd.exe	: 2.7.0.9
SkyTel.exe	: 2.0.2.0
SoundMan.exe	: 1.0.0.31
ALSndMgr.cpl	: 1.0.0.11
RTSndMgr.cpl	: 1.0.1.0
RTCOMDLL.dll	: 1.0.0.97
RtlCPAPI.dll	: 1.0.1.9

Vista driver : ----------

Vista driver for x86	
RTKVHDA.sys	: 6.0.1.5657
AERTSrv.exe	: 1.0.32.2
RtHDVCpl.exe	: 1.0.0.208
RtkAudioService.exe	: 1.0.0.16
RtlUpd.exe	: 2.7.0.9
SkyTel.exe	: 2.0.2.1
vncutil.exe	: 1.0.0.14
RTSndMgr.cpl	: 1.0.0.8
AERTACap.dll	: 1.0.32.7
AERTARen.dll	: 1.0.32.3
FMAPO.dll	: 40.59.0.0
MaxxAudioAPO.dll	: 1.2.2.0
MaxxAudioAPO20.dll	: 2.0.13.0
MaxxAudioEQ.dll	: 5.9.7.0
RTCOMDLL.dll	: 2.0.0.98
RtkAPO.dll	: 11.0.6000.69
RtkApoApi.dll	: 1.0.0.4
RtkCoInst.dll	: 1.0.2.10
RtkPgExt.dll	: 6.0.6000.52
RtlCPAPI.dll	: 1.0.1.9
SRSHP360.dll	: 1.1.0.0
SRSTSHD.dll	: 1.1.4.0
SRSTSXT.dll	: 3.2.0.0
SRSWOW.dll	: 1.1.3.0
WavesLib.dll	: 5.9.7.0
Vista driver for x64	
RTKVHD64.sys	: 6.0.1.5657
AERTSr64.exe	: 1.0.64.2

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  RAVCpl64.exe                                        : 1.0.0.208
  RtkAudioService.exe                                 : 1.0.0.16
  RtlUpd64.exe                                        : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.1
  vncutil.exe                                         : 1.0.0.14
  RTSnMg64.cpl                                        : 1.0.0.8
  AERTAC64.dll                                        : 1.0.64.7
  AERTAR64.dll                                        : 1.0.64.3
  FMAPO64.dll                                         : 40.59.0.0
  MaxxAudioAPO20.dll                                  : 2.0.12.0
  RCoInst64.dll                                       : 1.0.2.10
  RtCOM64.dll                                         : 2.0.0.98
  RTCOMDLL.dll                                        : 2.0.0.98
  RtkApi64.dll                                        : 1.0.0.4
  RtkAPO64.dll                                        : 11.0.6000.69
  RtlCPAPI.dll                                        : 1.0.1.9
  RtPgEx64.dll                                        : 6.0.6000.52
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5645
  RtkUpd.exe                                          : 2.7.0.9
  RHCoInst.dll                                        : 1.0.2.9
  RHDMIExt.dll                                        : 6.0.6000.50
  RtkHDMI.dll                                         : 11.0.6000.67

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5645
  RtkUpd64.exe                                        : 2.7.0.9
  RHCoInst64.dll                                      : 1.0.2.9
  RHDMEx64.dll                                        : 6.0.6000.50
  RtkHDM64.dll                                        : 11.0.6000.67

  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5645
  RtkUpd.exe                                          : 2.7.0.9
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5645
  RtkUpd64.exe                                        : 2.7.0.9

  Driver Setup Program                                : 2.60

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.97
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
```

ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262, ALC267,ALC268, ALC269, ALC272
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Add 24-bits recording feature.
            3. Fix EAX direct parameter issue under XP.
            4. Fix dummy noise issue under XP.

Windows 2000/XP : ----------
  Windows 2000/XP :
  RTKHDA64.sys : 5.10.0.5653
  RTKHDAUD.sys : 5.10.0.5653
  Alcmtr.exe : 1.6.0.3
  AlcWzrd.exe : 1.1.0.37
  MicCal.exe : 1.1.1.8
  RTHDCPL.exe : 2.2.2.4
  RTLCPL.exe : 1.0.1.66
  RtlUpd64.exe : 2.7.0.9
  RtlUpd.exe : 2.7.0.9
  SkyTel.exe : 2.0.2.0
  SoundMan.exe : 1.0.0.31
  ALSndMgr.cpl : 1.0.0.11
  RTSndMgr.cpl : 1.0.1.0
  RTCOMDLL.dll : 1.0.0.97
  RtlCPAPI.dll : 1.0.1.9
Vista driver : ----------
  Vista driver for x86
  RTKVHDA.sys : 6.0.1.5653
  AERTSrv.exe : 1.0.32.2
  RtHDVCpl.exe : 1.0.0.206
  RtkAudioService.exe : 1.0.0.16
  RtlUpd.exe : 2.7.0.9
  SkyTel.exe : 2.0.2.1
  vncutil.exe : 1.0.0.12
  RTSndMgr.cpl : 1.0.0.8
  AERTACap.dll : 1.0.32.7
  AERTARen.dll : 1.0.32.3
  FMAPO.dll : 40.59.0.0
  MaxxAudioAPO.dll : 1.2.2.0
  MaxxAudioAPO20.dll : 2.0.13.0
  MaxxAudioEQ.dll : 5.9.7.0
  RTCOMDLL.dll : 2.0.0.98
  RtkAPO.dll : 11.0.6000.67
  RtkApoApi.dll : 1.0.0.4
  RtkCoInst.dll : 1.0.2.10
  RtkPgExt.dll : 6.0.6000.50
  RtlCPAPI.dll : 1.0.1.9

```
  SRSHP360.dll                                          : 1.1.0.0
  SRSTSHD.dll                                           : 1.1.4.0
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.3.0
  WavesLib.dll                                          : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                          : 6.0.1.5653
  AERTSr64.exe                                          : 1.0.64.2
  RAVCpl64.exe                                          : 1.0.0.206
  RtkAudioService.exe                                   : 1.0.0.16
  RtlUpd64.exe                                          : 2.7.0.9
  SkyTel.exe                                            : 2.0.2.1
  vncutil.exe                                           : 1.0.0.12
  RTSnMg64.cpl                                          : 1.0.0.8
  AERTAC64.dll                                          : 1.0.64.7
  AERTAR64.dll                                          : 1.0.64.3
  FMAPO64.dll                                           : 40.59.0.0
  MaxxAudioAPO20.dll                                    : 2.0.12.0
  RCoInst64.dll                                         : 1.0.2.10
  RtCOM64.dll                                           : 2.0.0.98
  RTCOMDLL.dll                                          : 2.0.0.98
  RtkApi64.dll                                          : 1.0.0.4
  RtkAPO64.dll                                          : 11.0.6000.67
  RtlCPAPI.dll                                          : 1.0.1.9
  RtPgEx64.dll                                          : 6.0.6000.50
  SRSHP64.dll                                           : 1.1.0.0
  SRSTSH64.dll                                          : 1.1.4.0
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5645
  RtkUpd.exe                                            : 2.7.0.9
  RHCoInst.dll                                          : 1.0.2.9
  RHDMIExt.dll                                          : 6.0.6000.50
  RtkHDMI.dll                                           : 11.0.6000.67

  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5645
  RtkUpd64.exe                                          : 2.7.0.9
  RHCoInst64.dll                                        : 1.0.2.9
  RHDMEx64.dll                                          : 6.0.6000.50
  RtkHDM64.dll                                          : 11.0.6000.67

  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5645
  RtkUpd.exe                                            : 2.7.0.9
  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5645
  RtkUpd64.exe                                          : 2.7.0.9

  Driver Setup Program                                  : 2.60

  Windows 2000/XP Operate on :
```

```
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.96
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.

        2.) Package :
            1. Fix uninstalled message_2 problem ( French language ) .


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                      : 5.10.0.5643
  RTKHDAUD.sys                                      : 5.10.0.5643
  Alcmtr.exe                                        : 1.6.0.2
  AlcWzrd.exe                                       : 1.1.0.36
  MicCal.exe                                        : 1.1.1.8
  RTHDCPL.exe                                       : 2.2.1.8
  RTLCPL.exe                                        : 1.0.1.65
  RtlUpd64.exe                                      : 2.7.0.9
  RtlUpd.exe                                        : 2.7.0.9
  SkyTel.exe                                        : 2.0.2.0
  SoundMan.exe                                      : 1.0.0.30
  ALSndMgr.cpl                                      : 1.0.0.10
  RTSndMgr.cpl                                      : 1.0.1.0
  RTCOMDLL.dll                                      : 1.0.0.97
  RtlCPAPI.dll                                      : 1.0.1.9
Vista driver : -------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                       : 6.0.1.5643
  AERTSrv.exe                                       : 1.0.32.2
  RtHDVCpl.exe                                      : 1.0.0.198
  RtkAudioService.exe                               : 1.0.0.14
  RtlUpd.exe                                        : 2.7.0.9
  SkyTel.exe                                        : 2.0.2.0
  vncutil.exe                                       : 1.0.0.7
  RTSndMgr.cpl                                      : 1.0.0.8
  AERTACap.dll                                      : 1.0.32.7
  AERTARen.dll                                      : 1.0.32.3
  FMAPO.dll                                         : 40.59.0.0
  MaxxAudioAPO.dll                                  : 1.2.2.0
```

```
  MaxxAudioAPO20.dll                                : 2.0.13.0
  MaxxAudioEQ.dll                                   : 5.9.7.0
  RTCOMDLL.dll                                      : 2.0.0.98
  RtkAPO.dll                                        : 11.0.6000.67
  RtkApoApi.dll                                     : 1.0.0.4
  RtkCoInst.dll                                     : 1.0.2.6
  RtkPgExt.dll                                      : 6.0.6000.49
  RtlCPAPI.dll                                      : 1.0.1.9
  SRSHP360.dll                                      : 1.1.0.0
  SRSTSHD.dll                                       : 1.1.4.0
  SRSTSXT.dll                                       : 3.2.0.0
  SRSWOW.dll                                        : 1.1.3.0
  WavesLib.dll                                      : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                      : 6.0.1.5643
  AERTSr64.exe                                      : 1.0.64.2
  RAVCpl64.exe                                      : 1.0.0.198
  RtkAudioService.exe                               : 1.0.0.14
  RtlUpd64.exe                                      : 2.7.0.9
  SkyTel.exe                                        : 2.0.2.0
  vncutil.exe                                       : 1.0.0.7
  RTSnMg64.cpl                                      : 1.0.0.8
  AERTAC64.dll                                      : 1.0.64.7
  AERTAR64.dll                                      : 1.0.64.3
  FMAPO64.dll                                       : 40.59.0.0
  MaxxAudioAPO20.dll                                : 2.0.12.0
  RCoInst64.dll                                     : 1.0.2.6
  RtCOM64.dll                                       : 2.0.0.98
  RTCOMDLL.dll                                      : 2.0.0.98
  RtkApi64.dll                                      : 1.0.0.4
  RtkAPO64.dll                                      : 11.0.6000.67
  RtlCPAPI.dll                                      : 1.0.1.9
  RtPgEx64.dll                                      : 6.0.6000.49
  SRSHP64.dll                                       : 1.1.0.0
  SRSTSH64.dll                                      : 1.1.4.0
  SRSTSX64.dll                                      : 3.2.0.0
  SRSWOW64.dll                                      : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                       : 6.0.1.5633
  RtkUpd.exe                                        : 2.7.0.9
  RHDMIExt.dll                                      : 6.0.6000.48
  RtkHDMI.dll                                       : 11.0.6000.66

  Vista x64:
  RtHDMIVX.sys                                      : 6.0.1.5633
  RtkUpd64.exe                                      : 2.7.0.9
  RHDMEx64.dll                                      : 6.0.6000.48
  RtkHDM64.dll                                      : 11.0.6000.66

  XP/2K x86:
  RtHDMI.sys                                        : 5.10.0.5633
  RtkUpd.exe                                        : 2.7.0.9
  XP/2K x64:
```

```
  RtHDMIX.sys                                          : 5.10.0.5633
  RtkUpd64.exe                                         : 2.7.0.9

  Driver Setup Program                                 : 2.60

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.95
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Fix encryption stream issue for ALC889.
            3. Fix DRM issue.


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                         : 5.10.0.5636
  RTKHDAUD.sys                                         : 5.10.0.5636
  Alcmtr.exe                                           : 1.6.0.2
  AlcWzrd.exe                                          : 1.1.0.36
  MicCal.exe                                           : 1.1.1.8
  RTHDCPL.exe                                          : 2.2.1.6
  RTLCPL.exe                                           : 1.0.1.65
  RtlUpd64.exe                                         : 2.7.0.9
  RtlUpd.exe                                           : 2.7.0.9
  SkyTel.exe                                           : 2.0.2.0
  SoundMan.exe                                         : 1.0.0.30
  ALSndMgr.cpl                                         : 1.0.0.10
  RTSndMgr.cpl                                         : 1.0.1.0
  RTCOMDLL.dll                                         : 1.0.0.96
  RtlCPAPI.dll                                         : 1.0.1.9
Vista driver : -------------------------------------------------------
  RTKVHDA.sys                                          : 6.0.1.5636
  AERTSrv.exe                                          : 1.0.32.2
  RtHDVCpl.exe                                         : 1.0.0.192
  RtkAudioService.exe                                  : 1.0.0.12
  RtlUpd.exe                                           : 2.7.0.9
  SkyTel.exe                                           : 2.0.2.0
  vncutil.exe                                          : 1.0.0.5
  RTSndMgr.cpl                                         : 1.0.0.8
```

```
  AERTACap.dll                                        : 1.0.32.7
  AERTARen.dll                                        : 1.0.32.3
  FMAPO.dll                                           : 40.59.0.0
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.0.13.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  RTCOMDLL.dll                                        : 2.0.0.98
  RtkAPO.dll                                          : 11.0.6000.66
  RtkApoApi.dll                                       : 1.0.0.4
  RtkCoInst.dll                                       : 1.0.2.5
  RtkPgExt.dll                                        : 6.0.6000.48
  RtlCPAPI.dll                                        : 1.0.1.9
  SRSHP360.dll                                        : 1.1.0.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  WavesLib.dll                                        : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                        : 6.0.1.5636
  AERTSr64.exe                                        : 1.0.64.2
  RAVCpl64.exe                                        : 1.0.0.192
  RtkAudioService.exe                                 : 1.0.0.12
  RtlUpd64.exe                                        : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.0
  vncutil.exe                                         : 1.0.0.5
  RTSnMg64.cpl                                        : 1.0.0.8
  AERTAC64.dll                                        : 1.0.64.7
  AERTAR64.dll                                        : 1.0.64.3
  FMAPO64.dll                                         : 40.59.0.0
  MaxxAudioAPO20.dll                                  : 2.0.12.0
  RCoInst64.dll                                       : 1.0.2.5
  RtCOM64.dll                                         : 2.0.0.98
  RTCOMDLL.dll                                        : 2.0.0.98
  RtkApi64.dll                                        : 1.0.0.4
  RtkAPO64.dll                                        : 11.0.6000.66
  RtlCPAPI.dll                                        : 1.0.1.9
  RtPgEx64.dll                                        : 6.0.6000.48
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5612
  RtkUpd.exe                                          : 2.7.0.9
  RHDMIExt.dll                                        : 6.0.6000.44
  RtkHDMI.dll                                         : 11.0.6000.63

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5612
  RtkUpd64.exe                                        : 2.7.0.9
  RHDMEx64.dll                                        : 6.0.6000.44
  RtkHDM64.dll                                        : 11.0.6000.63
```

```
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5612
  RtkUpd.exe                                          : 2.7.0.9

  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5612
  RtkUpd64.exe                                        : 2.7.0.9

  Driver Setup Program                                : 2.59

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.94
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Zero recorded data for SPDIF-IN copy-protection stream under
Vista.


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.5628
  RTKHDAUD.sys                                        : 5.10.0.5628
  Alcmtr.exe                                          : 1.6.0.2
  AlcWzrd.exe                                         : 1.1.0.36
  MicCal.exe                                          : 1.1.1.8
  RTHDCPL.exe                                         : 2.2.1.3
  RTLCPL.exe                                          : 1.0.1.65
  RtlUpd.exe                                          : 2.7.0.9
  RtlUpd64.exe                                        : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.30
  ALSndMgr.cpl                                        : 1.0.0.10
  RTSndMgr.cpl                                        : 1.0.1.0
  RTCOMDLL.dll                                        : 1.0.0.96
  RtlCPAPI.dll                                        : 1.0.1.9
Vista driver : -------------------------------------------------------
  RTKVHDA.sys                                         : 6.0.1.5628
  AERTSrv.exe                                         : 1.0.32.2
  RtHDVCpl.exe                                        : 1.0.0.188
```

```
  RtkAudioService.exe                                : 1.0.0.12
  RtkSmbus.exe                                       : 1.0.0.2
  RtlUpd.exe                                         : 2.7.0.9
  SkyTel.exe                                         : 2.0.2.0
  RTSndMgr.cpl                                       : 1.0.0.8
  AERTACap.dll                                       : 1.0.32.7
  AERTARen.dll                                       : 1.0.32.3
  FMAPO.dll                                          : 40.59.0.0
  MaxxAudioAPO.dll                                   : 1.2.2.0
  MaxxAudioAPO20.dll                                 : 2.0.13.0
  MaxxAudioEQ.dll                                    : 5.9.7.0
  RTCOMDLL.dll                                       : 2.0.0.97
  RtkAPO.dll                                         : 11.0.6000.65
  RtkApoApi.dll                                      : 1.0.0.4
  RtkCoInst.dll                                      : 1.0.2.3
  RtkPgExt.dll                                       : 6.0.6000.47
  RtlCPAPI.dll                                       : 1.0.1.9
  SRSHP360.dll                                       : 1.1.0.0
  SRSTSHD.dll                                        : 1.1.4.0
  SRSTSXT.dll                                        : 3.2.0.0
  SRSWOW.dll                                         : 1.1.3.0
  WavesLib.dll                                       : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                       : 6.0.1.5628
  AERTSr64.exe                                       : 1.0.64.2
  RAVCpl64.exe                                       : 1.0.0.188
  RtkAudioService.exe                                : 1.0.0.12
  RtkSmbus.exe                                       : 1.0.0.2
  RtlUpd64.exe                                       : 2.7.0.9
  SkyTel.exe                                         : 2.0.2.0
  RTSnMg64.cpl                                       : 1.0.0.8
  AERTAC64.dll                                       : 1.0.64.7
  AERTAR64.dll                                       : 1.0.64.3
  FMAPO64.dll                                        : 40.59.0.0
  MaxxAudioAPO20.dll                                 : 2.0.12.0
  RCoInst64.dll                                      : 1.0.2.3
  RtCOM64.dll                                        : 2.0.0.97
  RTCOMDLL.dll                                       : 2.0.0.97
  RtkApi64.dll                                       : 1.0.0.4
  RtkAPO64.dll                                       : 11.0.6000.65
  RtlCPAPI.dll                                       : 1.0.1.9
  RtPgEx64.dll                                       : 6.0.6000.47
  SRSHP64.dll                                        : 1.1.0.0
  SRSTSH64.dll                                       : 1.1.4.0
  SRSTSX64.dll                                       : 3.2.0.0
  SRSWOW64.dll                                       : 1.1.3.0
HDMI Driver : ------------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                        : 6.0.1.5612
  RtkUpd.exe                                         : 2.7.0.9
  RHDMIExt.dll                                       : 6.0.6000.44
  RtkHDMI.dll                                        : 11.0.6000.63

  Vista x64:
```

```
  RtHDMIVX.sys                                          : 6.0.1.5612
  RtkUpd64.exe                                          : 2.7.0.9
  RHDMEx64.dll                                          : 6.0.6000.44
  RtkHDM64.dll                                          : 11.0.6000.63

  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5612
  RtkUpd.exe                                            : 2.7.0.9

  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5612
  RtkUpd64.exe                                          : 2.7.0.9

  Driver Setup Program                                  : 2.59

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.93
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
        2.) Package :
            1. Small VGA mode should not be checked in silent installation .


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5624
  RTKHDAUD.sys                                          : 5.10.0.5624
  Alcmtr.exe                                            : 1.6.0.2
  AlcWzrd.exe                                           : 1.1.0.36
  MicCal.exe                                            : 1.1.1.8
  RTHDCPL.exe                                           : 2.2.1.1
  RTLCPL.exe                                            : 1.0.1.65
  RtlUpd64.exe                                          : 2.7.0.9
  RtlUpd.exe                                            : 2.7.0.9
  SkyTel.exe                                            : 2.0.2.0
  SoundMan.exe                                          : 1.0.0.30
  ALSndMgr.cpl                                          : 1.0.0.10
  RTSndMgr.cpl                                          : 1.0.1.0
  RTCOMDLL.dll                                          : 1.0.0.96
```

```
  RtlCPAPI.dll                                        : 1.0.1.9
Vista driver : ----------------------------------------------------
  RTKVHDA.sys                                         : 6.0.1.5624
  AERTSrv.exe                                         : 1.0.32.2
  RtHDVCpl.exe                                        : 1.0.0.185
  RtkAudioService.exe                                 : 1.0.0.12
  RtkSmbus.exe                                        : 1.0.0.2
  RtlUpd.exe                                          : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.0
  RTSndMgr.cpl                                        : 1.0.0.7
  AERTACap.dll                                        : 1.0.32.7
  AERTARen.dll                                        : 1.0.32.3
  FMAPO.dll                                           : 40.59.0.0
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.0.13.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  RTCOMDLL.dll                                        : 2.0.0.97
  RtkAPO.dll                                          : 11.0.6000.65
  RtkApoApi.dll                                       : 1.0.0.4
  RtkCoInst.dll                                       : 1.0.2.3
  RtkPgExt.dll                                        : 6.0.6000.46
  RtlCPAPI.dll                                        : 1.0.1.9
  SRSHP360.dll                                        : 1.1.0.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  WavesLib.dll                                        : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                        : 6.0.1.5624
  AERTSr64.exe                                        : 1.0.64.2
  RAVCpl64.exe                                        : 1.0.0.185
  RtkAudioService.exe                                 : 1.0.0.12
  RtkSmbus.exe                                        : 1.0.0.2
  RtlUpd64.exe                                        : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.0
  RTSnMg64.cpl                                        : 1.0.0.7
  AERTAC64.dll                                        : 1.0.64.7
  AERTAR64.dll                                        : 1.0.64.3
  FMAPO64.dll                                         : 40.59.0.0
  MaxxAudioAPO20.dll                                  : 2.0.12.0
  RCoInst64.dll                                       : 1.0.2.3
  RtCOM64.dll                                         : 2.0.0.97
  RTCOMDLL.dll                                        : 2.0.0.97
  RtkApi64.dll                                        : 1.0.0.4
  RtkAPO64.dll                                        : 11.0.6000.65
  RtlCPAPI.dll                                        : 1.0.1.9
  RtPgEx64.dll                                        : 6.0.6000.46
  SRSHP64.dll                                         : 1.1.0.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5612
```

```
  RtkUpd.exe                                          : 2.7.0.9
  RHDMIExt.dll                                        : 6.0.6000.44
  RtkHDMI.dll                                         : 11.0.6000.63

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5612
  RtkUpd64.exe                                        : 2.7.0.9
  RHDMEx64.dll                                        : 6.0.6000.44
  RtkHDM64.dll                                        : 11.0.6000.63

  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5612
  RtkUpd.exe                                          : 2.7.0.9

  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5612
  RtkUpd64.exe                                        : 2.7.0.9

  Driver Setup Program                                : 2.59

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.92
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Fix Stereo Mix issue with codec which support capless output pin.
            2. Customizations.


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                        : 5.10.0.5618
  RTKHDAUD.sys                                        : 5.10.0.5618
  MicCal.exe                                          : 1.1.1.8
  RTHDCPL.exe                                         : 2.2.1.0
  RTLCPL.exe                                          : 1.0.1.65
  RtlUpd64.exe                                        : 2.7.0.9
  RtlUpd.exe                                          : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.30
  Alcmtr.exe                                          : 1.6.0.2
```

```
  AlcWzrd.exe                                          : 1.1.0.36
  RTSndMgr.cpl                                         : 1.0.1.0
  ALSndMgr.cpl                                         : 1.0.0.10
  RTCOMDLL.dll                                         : 1.0.0.96
  RtlCPAPI.dll                                         : 1.0.1.9
Vista driver : ------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                          : 6.0.1.5618
  AERTSrv.exe                                          : 1.0.32.2
  RtHDVCpl.exe                                         : 1.0.0.183
  RtkAudioService.exe                                  : 1.0.0.12
  RtkSmbus.exe                                         : 1.0.0.2
  RtlUpd.exe                                           : 2.7.0.9
  SkyTel.exe                                           : 2.0.2.0
  RTSndMgr.cpl                                         : 1.0.0.7
  AERTACap.dll                                         : 1.0.32.7
  AERTARen.dll                                         : 1.0.32.3
  FMAPO.dll                                            : 40.58.0.0
  MaxxAudioAPO.dll                                     : 1.2.2.0
  MaxxAudioAPO20.dll                                   : 2.0.13.0
  MaxxAudioEQ.dll                                      : 5.9.7.0
  RTCOMDLL.dll                                         : 2.0.0.97
  RtkAPO.dll                                           : 11.0.6000.64
  RtkApoApi.dll                                        : 1.0.0.4
  RtkCoInst.dll                                        : 1.0.2.1
  RtkPgExt.dll                                         : 6.0.6000.45
  RtlCPAPI.dll                                         : 1.0.1.9
  SRSHP360.dll                                         : 1.0.1.0
  SRSTSHD.dll                                          : 1.1.4.0
  SRSTSXT.dll                                          : 3.2.0.0
  SRSWOW.dll                                           : 1.1.3.0
  WavesLib.dll                                         : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                         : 6.0.1.5618
  AERTSr64.exe                                         : 1.0.64.2
  RAVCpl64.exe                                         : 1.0.0.183
  RtkAudioService.exe                                  : 1.0.0.12
  RtkSmbus.exe                                         : 1.0.0.2
  RtlUpd64.exe                                         : 2.7.0.9
  SkyTel.exe                                           : 2.0.2.0
  RTSnMg64.cpl                                         : 1.0.0.7
  AERTAC64.dll                                         : 1.0.64.7
  AERTAR64.dll                                         : 1.0.64.3
  FMAPO64.dll                                          : 40.58.0.0
  MaxxAudioAPO20.dll                                   : 2.0.12.0
  RCoInst64.dll                                        : 1.0.2.1
  RtCOM64.dll                                          : 2.0.0.97
  RTCOMDLL.dll                                         : 2.0.0.97
  RtkApi64.dll                                         : 1.0.0.4
  RtkAPO64.dll                                         : 11.0.6000.64
  RtlCPAPI.dll                                         : 1.0.1.9
  RtPgEx64.dll                                         : 6.0.6000.45
  SRSHP64.dll                                          : 1.0.1.0
  SRSTSH64.dll                                         : 1.1.4.0
```

```
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5612
  RtkUpd.exe                                            : 2.7.0.9
  RHDMIExt.dll                                          : 6.0.6000.44
  RtkHDMI.dll                                           : 11.0.6000.63

  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5612
  RtkUpd64.exe                                          : 2.7.0.9
  RHDMEx64.dll                                          : 6.0.6000.44
  RtkHDM64.dll                                          : 11.0.6000.63

  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5612
  RtkUpd.exe                                            : 2.7.0.9

  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5612
  RtkUpd64.exe                                          : 2.7.0.9

  Driver Setup Program                                  : 2.58

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.91
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Fix DTM 1.2 KS topology test fail issue.
            2. Customizations.


Windows 2000/XP : --------------------------------------------------
  Windows 2000/XP :
  RTKHDA64.sys                                          : 5.10.0.5605
  RTKHDAUD.sys                                          : 5.10.0.5605
  MicCal.exe                                            : 1.1.1.8
  RTHDCPL.exe                                           : 2.2.0.2
  RTLCPL.exe                                            : 1.0.1.65
```

```
  RtlUpd64.exe                                        : 2.7.0.9
  RtlUpd.exe                                          : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.0
  SoundMan.exe                                        : 1.0.0.30
  Alcmtr.exe                                          : 1.6.0.2
  AlcWzrd.exe                                         : 1.1.0.36
  RTSndMgr.cpl                                        : 1.0.1.0
  ALSndMgr.cpl                                        : 1.0.0.10
  RTCOMDLL.dll                                        : 1.0.0.96
  RtlCPAPI.dll                                        : 1.0.1.9
Vista driver : ------------------------------------------------------
  Vista driver for x86
  RTKVHDA.sys                                         : 6.0.1.5605
  AERTSrv.exe                                         : 1.0.32.2
  RtHDVCpl.exe                                        : 1.0.0.172
  RtkAudioService.exe                                 : 1.0.0.11
  RtkSmbus.exe                                        : 1.0.0.1
  RtlUpd.exe                                          : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.0
  RTSndMgr.cpl                                        : 1.0.0.7
  AERTACap.dll                                        : 1.0.32.7
  AERTARen.dll                                        : 1.0.32.3
  FMAPO.dll                                           : 6.0.6000.16386
  MaxxAudioAPO.dll                                    : 1.2.2.0
  MaxxAudioAPO20.dll                                  : 2.0.12.0
  MaxxAudioEQ.dll                                     : 5.9.7.0
  RTCOMDLL.dll                                        : 2.0.0.96
  RtkAPO.dll                                          : 11.0.6000.63
  RtkApoApi.dll                                       : 1.0.0.4
  RtkCoInst.dll                                       : 1.0.2.0
  RtkPgExt.dll                                        : 6.0.6000.42
  RtlCPAPI.dll                                        : 1.0.1.9
  SRSHP360.dll                                        : 1.0.1.0
  SRSTSHD.dll                                         : 1.1.4.0
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  WavesLib.dll                                        : 5.9.7.0
  Vista driver for x64
  RTKVHD64.sys                                        : 6.0.1.5605
  AERTSr64.exe                                        : 1.0.64.2
  RAVCpl64.exe                                        : 1.0.0.172
  RtkAudioService.exe                                 : 1.0.0.11
  RtkSmbus.exe                                        : 1.0.0.1
  RtlUpd64.exe                                        : 2.7.0.9
  SkyTel.exe                                          : 2.0.2.0
  RTSnMg64.cpl                                        : 1.0.0.7
  AERTAC64.dll                                        : 1.0.64.7
  AERTAR64.dll                                        : 1.0.64.3
  FMAPO64.dll                                         : 6.0.6000.16386
  MaxxAudioAPO20.dll                                  : 2.0.12.0
  RCoInst64.dll                                       : 1.0.2.0
  RtCOM64.dll                                         : 2.0.0.96
  RTCOMDLL.dll                                        : 2.0.0.96
  RtkApi64.dll                                        : 1.0.0.4
```

```
  RtkAPO64.dll                                        : 11.0.6000.63
  RtlCPAPI.dll                                        : 1.0.1.9
  RtPgEx64.dll                                        : 6.0.6000.42
  SRSHP64.dll                                         : 1.0.1.0
  SRSTSH64.dll                                        : 1.1.4.0
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
HDMI Driver : ------------------------------------------------------
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5602
  RtkUpd.exe                                          : 2.7.0.9
  RHDMIExt.dll                                        : 6.0.6000.42
  RtkHDMI.dll                                         : 11.0.6000.62

  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5602
  RtkUpd64.exe                                        : 2.7.0.9
  RHDMEx64.dll                                        : 6.0.6000.42
  RtkHDM64.dll                                        : 11.0.6000.62

  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5602
  RtkUpd.exe                                          : 2.7.0.9

  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5602
  RtkUpd64.exe                                        : 2.7.0.9

  Driver Setup Program                                : 2.58

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.90
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC663, ALC260, ALC262,ALC267, ALC268, ALC269, ALC272
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC663, ALC260, ALC262,
ALC267,ALC268, ALC269, ALC272
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Support ALC663/ALC272.
            2. Support ForteMedia microphone effect APO feature.
            3. Customizations.


Windows 2000/XP : ---------------------------------------------------
```

```
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                          : 5.10.0.5591
  WDM driver for Winx64                                 : 5.10.0.5591
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.1.0
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.9.6
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 2.0.2.0
Vista driver : ------------------------------------------------------
  Vista driver for x86                                  : 6.0.1.5591
  RtHDVCpl.exe                                          : 1.0.0.159
  RtkAPO.dll                                            : 11.0.6000.60
  RtkPgExt.dll                                          : 6.0.6000.40
  RTCOMDLL.dll                                          : 2.0.0.96
  RtlCPAPI.dll                                          : 1.0.1.8
  RTSndMgr.cpl                                          : 1.0.0.7
  RtkCoInst.dll                                         : 1.0.1.29
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.3.0
  SRSHP360.dll                                          : 1.0.1.0
  SRSTSHD.dll                                           : 1.1.4.0
  RtkApoApi.dll                                         : 1.0.0.3
  Vista driver for x64                                  : 6.0.1.5591
  RAVCpl64.exe                                          : 1.0.0.159
  RtkAPO64.dll                                          : 11.0.6000.60
  RtPgEx64.dll                                          : 6.0.6000.40
  RTCOMDLL.dll                                          : 2.0.0.96
  RtlCPAPI.dll                                          : 1.0.1.8
  RTSnMg64.cpl                                          : 1.0.0.7
  RCoInst64.dll                                         : 1.0.1.29
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  SRSHP64.dll                                           : 1.0.1.0
  SRSTSH64.dll                                          : 1.1.4.0
  RtkApi64.dll                                          : 1.0.0.3
HDMI Driver : -------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5575
  RtkHDM64.dll                                          : 6.0.6000.57
  RHDMEx64.dll                                          : 6.0.6000.39
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5575
  RtkHDMI.dll                                           : 6.0.6000.57
  RHDMIExt.dll                                          : 6.0.6000.39
  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5575
  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5575

  Driver Setup Program                                  : 2.57

  Windows 2000/XP Operate on :
```

```
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.89
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC260, ALC262,ALC267, ALC268, ALC269
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268,
ALC269
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Support "Event/Notification mode" under Vista.
            2. Fix Vista GUI issue when video adapter's resolution is low.
            3. Customizations.
        2.) Package :
            1. Uninstallation language selected by OS system .
            2. "Uninstall" word issue in Japanese language .


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                          : 5.10.0.5582
  WDM driver for Winx64                                 : 5.10.0.5582
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.9.3
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 2.0.2.0
Vista driver : -------------------------------------------------------
  Vista driver for x86                                  : 6.0.1.5582
  RtHDVCpl.exe                                          : 1.0.0.153
  RtkAPO.dll                                            : 11.0.6000.59
  RtkPgExt.dll                                          : 6.0.6000.40
  RTCOMDLL.dll                                          : 2.0.0.93
  RtlCPAPI.dll                                          : 1.0.1.7
  RTSndMgr.cpl                                          : 1.0.0.7
  RtkCoInst.dll                                         : 1.0.1.27
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.3.0
  SRSHP360.dll                                          : 1.0.1.0
  SRSTSHD.dll                                           : 1.1.4.0
  RtkApoApi.dll                                         : 1.0.0.3
  Vista driver for x64                                  : 6.0.1.5582
  RAVCpl64.exe                                          : 1.0.0.153
  RtkAPO64.dll                                          : 11.0.6000.59
  RtPgEx64.dll                                          : 6.0.6000.40
```

```
  RTCOMDLL.dll                                        : 2.0.0.93
  RtlCPAPI.dll                                        : 1.0.1.7
  RTSnMg64.cpl                                        : 1.0.0.7
  RCoInst64.dll                                       : 1.0.1.27
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
  SRSHP64.dll                                         : 1.0.1.0
  SRSTSH64.dll                                        : 1.1.4.0
  RtkApi64.dll                                        : 1.0.0.3
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5575
  RtkHDM64.dll                                        : 6.0.6000.57
  RHDMEx64.dll                                        : 6.0.6000.39
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5575
  RtkHDMI.dll                                         : 6.0.6000.57
  RHDMIExt.dll                                        : 6.0.6000.39
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5575
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5575

  Driver Setup Program                                : 2.56

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.88
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC260, ALC262,ALC267, ALC268, ALC269
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268,
ALC269
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Fix BSOD issue for WLK 1.1 System-Common Scenario Stress With IO
test and System-Disable Enable With IO test under XP.
            2. Customizations.


Windows 2000/XP : --------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                        : 5.10.0.5574
  WDM driver for Winx64                               : 5.10.0.5574
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
```

```
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)               : 2.1.9.1
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 2.0.2.0
Vista driver : ----------------------------------------------------
  Vista driver for x86                                : 6.0.1.5574
  RtHDVCpl.exe                                        : 1.0.0.145
  RtkAPO.dll                                          : 11.0.6000.58
  RtkPgExt.dll                                        : 6.0.6000.38
  RTCOMDLL.dll                                        : 2.0.0.90
  RtlCPAPI.dll                                        : 1.0.1.7
  RTSndMgr.cpl                                        : 1.0.0.7
  RtkCoInst.dll                                       : 1.0.1.25
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  SRSHP360.dll                                        : 1.0.1.0
  SRSTSHD.dll                                         : 1.1.4.0
  RtkApoApi.dll                                       : 1.0.0.3
  Vista driver for x64                                : 6.0.1.5574
  RAVCpl64.exe                                        : 1.0.0.145
  RtkAPO64.dll                                        : 11.0.6000.58
  RtPgEx64.dll                                        : 6.0.6000.38
  RTCOMDLL.dll                                        : 2.0.0.90
  RtlCPAPI.dll                                        : 1.0.1.7
  RTSnMg64.cpl                                        : 1.0.0.7
  RCoInst64.dll                                       : 1.0.1.25
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
  SRSHP64.dll                                         : 1.0.1.0
  SRSTSH64.dll                                        : 1.1.4.0
  RtkApi64.dll                                        : 1.0.0.3
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5413
  RtkHDM64.dll                                        : 6.0.6000.37
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.55

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.87
```

Realtek HD Audio Driver support all of Realtek HD Audio Codec in Vista/WinXP/Win2000/Win2003 .

1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD, ALC660, ALC662, ALC260, ALC262,ALC267, ALC268, ALC269
2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268, ALC269
3. HDMI Device WHQL Support: ATI HDMI Devices
4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
    1.) Driver :
        1. Fix recording issue for ALC269.
        2. Customizations.

Windows 2000/XP : ----------

Windows 2000/XP :	
WDM driver for Win2000/WinXP	: 5.10.0.5567
WDM driver for Winx64	: 5.10.0.5567
Realtek Soundman	: 1.0.0.30
Realtek Sound Effect Manager(ALSndMgr.cpl)	: 1.0.0.10
Realtek Sound Effect Manager(RTSndMgr.cpl)	: 1.0.0.9
Realtek Sound Effect Manager(RtlCpl)	: 1.0.1.65
Realtek Sound Effect Manager(RTHDCPL)	: 2.1.8.9
Alcwzrd.exe	: 1.1.0.36
SkyTel.exe	: 2.0.2.0

Vista driver : ----------

Vista driver for x86	: 6.0.1.5567
RtHDVCpl.exe	: 1.0.0.139
RtkAPO.dll	: 11.0.6000.56
RtkPgExt.dll	: 6.0.6000.35
RTCOMDLL.dll	: 2.0.0.89
RtlCPAPI.dll	: 1.0.1.7
RTSndMgr.cpl	: 1.0.0.7
RtkCoInst.dll	: 1.0.1.25
SRSTSXT.dll	: 3.2.0.0
SRSWOW.dll	: 1.1.3.0
SRSHP360.dll	: 1.0.1.0
SRSTSHD.dll	: 1.1.4.0
RtkApoApi.dll	: 1.0.0.3
Vista driver for x64	: 6.0.1.5567
RAVCpl64.exe	: 1.0.0.139
RtkAPO64.dll	: 11.0.6000.56
RtPgEx64.dll	: 6.0.6000.35
RTCOMDLL.dll	: 2.0.0.89
RtlCPAPI.dll	: 1.0.1.7
RTSnMg64.cpl	: 1.0.0.7
RCoInst64.dll	: 1.0.1.25
SRSTSX64.dll	: 3.2.0.0
SRSWOW64.dll	: 1.1.3.0
SRSHP64.dll	: 1.0.1.0
SRSTSH64.dll	: 1.1.4.0
RtkApi64.dll	: 1.0.0.3

```
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5413
  RtkHDM64.dll                                        : 6.0.6000.37
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.54

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.86
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC889, ALC861VD,
ALC660, ALC662, ALC260, ALC262,ALC267, ALC268, ALC269
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC889, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268,
ALC269
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Fix the issue that SPDIF-out device broadcast 2nd output device's
stream when turn on multi-streaming under Windows XP.
            2. Indexed DRC file supported.
            3. Customizations.
        2.) Package :
            1. Installer failed code.
            2. Copy .dat file rule.


Windows 2000/XP : --------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                        : 5.10.0.5559
  WDM driver for Winx64                               : 5.10.0.5559
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)               : 2.1.8.7
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 2.0.2.0
```

```
Vista driver : ----------------------------------------------------
  Vista driver for x86                                : 6.0.1.5559
  RtHDVCpl.exe                                        : 1.0.0.132
  RtkAPO.dll                                          : 11.0.6000.54
  RtkPgExt.dll                                        : 6.0.6000.35
  RTCOMDLL.dll                                        : 2.0.0.87
  RtlCPAPI.dll                                        : 1.0.1.7
  RTSndMgr.cpl                                        : 1.0.0.7
  RtkCoInst.dll                                       : 1.0.1.25
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  SRSHP360.dll                                        : 1.0.1.0
  SRSTSHD.dll                                         : 1.1.4.0
  RtkApoApi.dll                                       : 1.0.0.3
  Vista driver for x64                                : 6.0.1.5559
  RAVCpl64.exe                                        : 1.0.0.132
  RtkAPO64.dll                                        : 11.0.6000.54
  RtPgEx64.dll                                        : 6.0.6000.35
  RTCOMDLL.dll                                        : 2.0.0.87
  RtlCPAPI.dll                                        : 1.0.1.7
  RTSnMg64.cpl                                        : 1.0.0.7
  RCoInst64.dll                                       : 1.0.1.25
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
  SRSHP64.dll                                         : 1.0.1.0
  SRSTSH64.dll                                        : 1.1.4.0
  RtkApi64.dll                                        : 1.0.0.3
HDMI Driver : ----------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5413
  RtkHDM64.dll                                        : 6.0.6000.37
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.52

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.85
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268, ALC269
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
```

ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268, ALC269
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Fix PC-Beep mute issue for ALC268/ALC267.
            2. Fix the potential risk that system-thread is still running when driver is already unloaded under Vista.
            3. Customizations.

Windows 2000/XP : ----------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP : 5.10.0.5548
  WDM driver for Winx64 : 5.10.0.5548
  Realtek Soundman : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl) : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl) : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl) : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL) : 2.1.8.6
  Alcwzrd.exe : 1.1.0.36
  SkyTel.exe : 2.0.2.0
Vista driver : ----------
  Vista driver for x86 : 6.0.1.5548
  RtHDVCpl.exe : 1.0.0.128
  RtkAPO.dll : 11.0.6000.51
  RtkPgExt.dll : 6.0.6000.33
  RTCOMDLL.dll : 2.0.0.86
  RtlCPAPI.dll : 1.0.1.7
  RTSndMgr.cpl : 1.0.0.7
  RtkCoInst.dll : 1.0.1.25
  SRSTSXT.dll : 3.2.0.0
  SRSWOW.dll : 1.1.3.0
  SRSHP360.dll : 1.0.1.0
  SRSTSHD.dll : 1.1.4.0
  RtkApoApi.dll : 1.0.0.3
  Vista driver for x64 : 6.0.1.5548
  RAVCpl64.exe : 1.0.0.128
  RtkAPO64.dll : 11.0.6000.51
  RtPgEx64.dll : 6.0.6000.33
  RTCOMDLL.dll : 2.0.0.86
  RtlCPAPI.dll : 1.0.1.7
  RTSnMg64.cpl : 1.0.0.7
  RCoInst64.dll : 1.0.1.25
  SRSTSX64.dll : 3.2.0.0
  SRSWOW64.dll : 1.1.3.0
  SRSHP64.dll : 1.0.1.0
  SRSTSH64.dll : 1.1.4.0
  RtkApi64.dll : 1.0.0.3
HDMI Driver : ----------
  Vista x64:
  RtHDMIVX.sys : 6.0.1.5413
  RtkHDM64.dll : 6.0.6000.37

```
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.51

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.84
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268, ALC269
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268, ALC269
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Fix potential risk for re-direct headphone mode under Vista.
            2. Customizations.


Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                        : 5.10.0.5532
  WDM driver for Winx64                               : 5.10.0.5532
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)               : 2.1.8.2
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 2.0.2.0
Vista driver : -------------------------------------------------------
  Vista driver for x86                                : 6.0.1.5532
  RtHDVCpl.exe                                        : 1.0.0.116
  RtkAPO.dll                                          : 11.0.6000.48
  RtkPgExt.dll                                        : 6.0.6000.31
  RTCOMDLL.dll                                        : 2.0.0.86
  RtlCPAPI.dll                                        : 1.0.1.6
  RTSndMgr.cpl                                        : 1.0.0.7
  RtkCoInst.dll                                       : 1.0.1.18
  SRSTSXT.dll                                         : 3.2.0.0
```

```
  SRSWOW.dll                                          : 1.1.3.0
  SRSHP360.dll                                        : 1.0.1.0
  SRSTSHD.dll                                         : 1.1.4.0
  RtkApoApi.dll                                       : 1.0.0.2
  Vista driver for x64                                : 6.0.1.5532
  RAVCpl64.exe                                        : 1.0.0.116
  RtkAPO64.dll                                        : 11.0.6000.48
  RtPgEx64.dll                                        : 6.0.6000.31
  RTCOMDLL.dll                                        : 2.0.0.86
  RtlCPAPI.dll                                        : 1.0.1.6
  RTSnMg64.cpl                                        : 1.0.0.7
  RCoInst64.dll                                       : 1.0.1.18
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
  SRSHP64.dll                                         : 1.0.1.0
  SRSTSH64.dll                                        : 1.1.4.0
  RtkApi64.dll                                        : 1.0.0.2
HDMI Driver : ------------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5413
  RtkHDM64.dll                                        : 6.0.6000.37
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.51

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.83
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268, ALC269
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268, ALC269
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Support ALC269.
            2. Customizations.
            3. Turn on amplifier mask control for ALC885.
            4. Fix volume issue when turn on "Limited Output" feature under
```

Windows XP.

Windows 2000/XP : ----------

Windows 2000/XP :	
WDM driver for Win2000/WinXP	: 5.10.0.5523
WDM driver for Winx64	: 5.10.0.5523
Realtek Soundman	: 1.0.0.30
Realtek Sound Effect Manager(ALSndMgr.cpl)	: 1.0.0.10
Realtek Sound Effect Manager(RTSndMgr.cpl)	: 1.0.0.9
Realtek Sound Effect Manager(RtlCpl)	: 1.0.1.65
Realtek Sound Effect Manager(RTHDCPL)	: 2.1.7.7
Alcwzrd.exe	: 1.1.0.36
SkyTel.exe	: 2.0.2.0

Vista driver : ----------

Vista driver for x86	: 6.0.1.5523
RtHDVCpl.exe	: 1.0.0.112
RtkAPO.dll	: 11.0.6000.48
RtkPgExt.dll	: 6.0.6000.31
RTCOMDLL.dll	: 2.0.0.85
RtlCPAPI.dll	: 1.0.1.6
RTSndMgr.cpl	: 1.0.0.7
RtkCoInst.dll	: 1.0.1.15
SRSTSXT.dll	: 3.2.0.0
SRSWOW.dll	: 1.1.3.0
SRSHP360.dll	: 1.0.1.0
SRSTSHD.dll	: 1.1.4.0
RtkApoApi.dll	: 1.0.0.2
Vista driver for x64	: 6.0.1.5523
RAVCpl64.exe	: 1.0.0.112
RtkAPO64.dll	: 11.0.6000.48
RtPgEx64.dll	: 6.0.6000.31
RTCOMDLL.dll	: 2.0.0.85
RtlCPAPI.dll	: 1.0.1.6
RTSnMg64.cpl	: 1.0.0.7
RCoInst64.dll	: 1.0.1.15
SRSTSX64.dll	: 3.2.0.0
SRSWOW64.dll	: 1.1.3.0
SRSHP64.dll	: 1.0.1.0
SRSTSH64.dll	: 1.1.4.0
RtkApi64.dll	: 1.0.0.2

HDMI Driver : ----------

Vista x64:	
RtHDMIVX.sys	: 6.0.1.5413
RtkHDM64.dll	: 6.0.6000.37
RHDMEx64.dll	: 6.0.6000.25
Vista x86:	
RtHDMIV.sys	: 6.0.1.5413
RtkHDMI.dll	: 6.0.6000.37
RHDMIExt.dll	: 6.0.6000.25
XP/2K x64:	
RtHDMIX.sys	: 5.10.0.5413
XP/2K x86:	
RtHDMI.sys	: 5.10.0.5413

```
  Driver Setup Program                                  : 2.51

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.82
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Support IMiniportWaveRTStreamNotification interface under Vista.
            2. Customizations.
            3. Fix bug for the specific customer.
        2.) Installer :
            1. Add silent uninstall option .

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                          : 5.10.0.5512
  WDM driver for Winx64                                 : 5.10.0.5512
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.7.1
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 2.0.1.21
Vista driver : -------------------------------------------------------
  Vista driver for x86                                  : 6.0.1.5512
  RtHDVCpl.exe                                          : 1.0.0.106
  RtkAPO.dll                                            : 11.0.6000.48
  RtkPgExt.dll                                          : 6.0.6000.31
  RTCOMDLL.dll                                          : 2.0.0.83
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSndMgr.cpl                                          : 1.0.0.7
  RtkCoInst.dll                                         : 1.0.1.13
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.3.0
  SRSHP360.dll                                          : 1.0.1.0
  SRSTSHD.dll                                           : 1.1.4.0
  RtkApoApi.dll                                         : 1.0.0.2
  Vista driver for x64                                  : 6.0.1.5512
  RAVCpl64.exe                                          : 1.0.0.106
  RtkAPO64.dll                                          : 11.0.6000.48
  RtPgEx64.dll                                          : 6.0.6000.31
```

```
  RTCOMDLL.dll                                        : 2.0.0.83
  RtlCPAPI.dll                                        : 1.0.1.6
  RTSnMg64.cpl                                        : 1.0.0.7
  RCoInst64.dll                                       : 1.0.1.13
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
  SRSHP64.dll                                         : 1.0.1.0
  SRSTSH64.dll                                        : 1.1.4.0
  RtkApi64.dll                                        : 1.0.0.2
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5413
  RtkHDM64.dll                                        : 6.0.6000.37
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.51

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.81
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Support real 2.1 output capability under Vista.
            2. Improve Doppler effect for XP driver.
            3. Fix Vista DTM topology testing issue.
            4. Fix dead lock issue when more than 3 jacks set as headphone
output under XP.
        2.) Installer :
            1. VSS event error for InstallShield .

Windows 2000/XP : --------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                        : 5.10.0.5506
  WDM driver for Winx64                               : 5.10.0.5506
```

```
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)               : 2.1.7.0
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 2.0.1.21
Vista driver : ------------------------------------------------------
  Vista driver for x86                                : 6.0.1.5506
  RtHDVCpl.exe                                        : 1.0.0.103
  RtkAPO.dll                                          : 11.0.6000.48
  RtkPgExt.dll                                        : 6.0.6000.31
  RTCOMDLL.dll                                        : 2.0.0.82
  RtlCPAPI.dll                                        : 1.0.1.6
  RTSndMgr.cpl                                        : 1.0.0.6
  RtkCoInst.dll                                       : 1.0.1.13
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  SRSHP360.dll                                        : 1.0.1.0
  SRSTSHD.dll                                         : 1.1.4.0
  RtkApoApi.dll                                       : 1.0.0.2
  Vista driver for x64                                : 6.0.1.5506
  RAVCpl64.exe                                        : 1.0.0.103
  RtkAPO64.dll                                        : 11.0.6000.48
  RtPgEx64.dll                                        : 6.0.6000.31
  RTCOMDLL.dll                                        : 2.0.0.82
  RtlCPAPI.dll                                        : 1.0.1.6
  RTSnMg64.cpl                                        : 1.0.0.6
  RCoInst64.dll                                       : 1.0.1.13
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
  SRSHP64.dll                                         : 1.0.1.0
  SRSTSH64.dll                                        : 1.1.4.0
  RtkApi64.dll                                        : 1.0.0.2
HDMI Driver : -------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5413
  RtkHDM64.dll                                        : 6.0.6000.37
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.50

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
```

```
//=================
Driver Package R1.80
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Add new feature to smooth gap between 2 different output stream
under Vista.
        2.) Installer :
            1. "Program Compatibility Assistant" issue for InstallShield 11.5 .
            2. VSR stop setting .

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                          : 5.10.0.5497
  WDM driver for Winx64                                 : 5.10.0.5497
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.6.7
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 2.0.1.21
Vista driver : -------------------------------------------------------
  Vista driver for x86                                  : 6.0.1.5497
  RtHDVCpl.exe                                          : 1.0.0.99
  RtkAPO.dll                                            : 11.0.6000.45
  RtkPgExt.dll                                          : 6.0.6000.30
  RTCOMDLL.dll                                          : 2.0.0.80
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSndMgr.cpl                                          : 1.0.0.6
  RtkCoInst.dll                                         : 1.0.1.10
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.3.0
  SRSHP360.dll                                          : 1.0.1.0
  SRSTSHD.dll                                           : 1.1.4.0
  RtkApoApi.dll                                         : 1.0.0.2
  Vista driver for x64                                  : 6.0.1.5497
  RAVCpl64.exe                                          : 1.0.0.99
  RtkAPO64.dll                                          : 11.0.6000.45
  RtPgEx64.dll                                          : 6.0.6000.30
  RTCOMDLL.dll                                          : 2.0.0.80
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSnMg64.cpl                                          : 1.0.0.6
  RCoInst64.dll                                         : 1.0.1.10
  SRSTSX64.dll                                          : 3.2.0.0
```

```
  SRSWOW64.dll                                        : 1.1.3.0
  SRSHP64.dll                                         : 1.0.1.0
  SRSTSH64.dll                                        : 1.1.4.0
  RtkApi64.dll                                        : 1.0.0.2
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5413
  RtkHDM64.dll                                        : 6.0.6000.37
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.49

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.79
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Driver :
            1. Customizations.
            2. Fix potential risk from dividing by zero while the input signal
power approach zero under Windows XP.
            3. Support digital mic software boost for ALC888.
        2.) Installer :
            1. Remove Realtek registry key in upgrade mode.
            2. Change MCE GUI installation procedure for Windows Vista by
Microsoft requirement.
            3. Add install procedure for VSR feature.

Windows 2000/XP : --------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                        : 5.10.0.5490
  WDM driver for Winx64                               : 5.10.0.5490
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
```

```
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)               : 2.1.6.2
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 2.0.1.20
Vista driver : ------------------------------------------------------
  Vista driver for x86                                : 6.0.1.5490
  RtHDVCpl.exe                                        : 1.0.0.96
  RtkAPO.dll                                          : 11.0.6000.45
  RtkPgExt.dll                                        : 6.0.6000.30
  RTCOMDLL.dll                                        : 2.0.0.79
  RtlCPAPI.dll                                        : 1.0.1.6
  RTSndMgr.cpl                                        : 1.0.0.6
  RtkCoInst.dll                                       : 1.0.1.9
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  SRSHP360.dll                                        : 1.0.1.0
  SRSTSHD.dll                                         : 1.1.4.0
  RtkApoApi.dll                                       : 1.0.0.2
  Vista driver for x64                                : 6.0.1.5490
  RAVCpl64.exe                                        : 1.0.0.96
  RtkAPO64.dll                                        : 11.0.6000.45
  RtPgEx64.dll                                        : 6.0.6000.30
  RTCOMDLL.dll                                        : 2.0.0.79
  RtlCPAPI.dll                                        : 1.0.1.6
  RTSnMg64.cpl                                        : 1.0.0.6
  RCoInst64.dll                                       : 1.0.1.9
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
  SRSHP64.dll                                         : 1.0.1.0
  SRSTSH64.dll                                        : 1.1.4.0
  RtkApi64.dll                                        : 1.0.0.2
HDMI Driver : -------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5413
  RtkHDM64.dll                                        : 6.0.6000.37
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.47

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.78
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
```

Vista/WinXP/Win2000/Win2003 .

1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660, ALC662, ALC260, ALC262,ALC267, ALC268
2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
3. HDMI Device WHQL Support: ATI HDMI Devices
4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
    1.) Customization.

Windows 2000/XP : ----------

Windows 2000/XP :	
WDM driver for Win2000/WinXP	: 5.10.0.5485
WDM driver for Winx64	: 5.10.0.5485
Realtek Soundman	: 1.0.0.30
Realtek Sound Effect Manager(ALSndMgr.cpl)	: 1.0.0.10
Realtek Sound Effect Manager(RTSndMgr.cpl)	: 1.0.0.9
Realtek Sound Effect Manager(RtlCpl)	: 1.0.1.65
Realtek Sound Effect Manager(RTHDCPL)	: 2.1.6.0
Alcwzrd.exe	: 1.1.0.36
SkyTel.exe	: 2.0.1.20

Vista driver : ----------

Vista driver for x86	: 6.0.1.5485
RtHDVCpl.exe	: 1.0.0.92
RtkAPO.dll	: 11.0.6000.45
RtkPgExt.dll	: 6.0.6000.29
RTCOMDLL.dll	: 2.0.0.79
RtlCPAPI.dll	: 1.0.1.6
RTSndMgr.cpl	: 1.0.0.6
RtkCoInst.dll	: 1.0.1.8
SRSTSXT.dll	: 3.2.0.0
SRSWOW.dll	: 1.1.3.0
SRSHP360.dll	: 1.0.1.0
SRSTSHD.dll	: 1.1.4.0
RtkApoApi.dll	: 1.0.0.2
Vista driver for x64	: 6.0.1.5485
RAVCpl64.exe	: 1.0.0.92
RtkAPO64.dll	: 11.0.6000.45
RtPgEx64.dll	: 6.0.6000.29
RTCOMDLL.dll	: 2.0.0.79
RtlCPAPI.dll	: 1.0.1.6
RTSnMg64.cpl	: 1.0.0.6
RCoInst64.dll	: 1.0.1.8
SRSTSX64.dll	: 3.2.0.0
SRSWOW64.dll	: 1.1.3.0
SRSHP64.dll	: 1.0.1.0
SRSTSH64.dll	: 1.1.4.0
RtkApi64.dll	: 1.0.0.2

HDMI Driver : ----------

Vista x64:	
RtHDMIVX.sys	: 6.0.1.5413
RtkHDM64.dll	: 6.0.6000.37
RHDMEx64.dll	: 6.0.6000.25

```
  Vista x86:
  RtHDMIV.sys                                          : 6.0.1.5413
  RtkHDMI.dll                                          : 6.0.6000.37
  RHDMIExt.dll                                         : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                          : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                           : 5.10.0.5413

  Driver Setup Program                                 : 2.45

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.77
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.
        2.) Uninstall procedure for checking Rtlupd.exe file .

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                         : 5.10.0.5480
  WDM driver for Winx64                                : 5.10.0.5480
  Realtek Soundman                                     : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)           : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)           : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                 : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                : 2.1.5.7
  Alcwzrd.exe                                          : 1.1.0.36
  SkyTel.exe                                           : 2.0.1.20
Vista driver : -------------------------------------------------------
  Vista driver for x86                                 : 6.0.1.5480
  RtHDVCpl.exe                                         : 1.0.0.90
  RtkAPO.dll                                           : 11.0.6000.45
  RtkPgExt.dll                                         : 6.0.6000.29
  RTCOMDLL.dll                                         : 2.0.0.79
  RtlCPAPI.dll                                         : 1.0.1.6
  RTSndMgr.cpl                                         : 1.0.0.6
  RtkCoInst.dll                                        : 1.0.1.7
  SRSTSXT.dll                                          : 3.2.0.0
  SRSWOW.dll                                           : 1.1.3.0
  SRSHP360.dll                                         : 1.0.1.0
  SRSTSHD.dll                                          : 1.1.4.0
```

```
  RtkApoApi.dll                                        : 1.0.0.2
  Vista driver for x64                                 : 6.0.1.5480
  RAVCpl64.exe                                         : 1.0.0.90
  RtkAPO64.dll                                         : 11.0.6000.45
  RtPgEx64.dll                                         : 6.0.6000.29
  RTCOMDLL.dll                                         : 2.0.0.79
  RtlCPAPI.dll                                         : 1.0.1.6
  RTSnMg64.cpl                                         : 1.0.0.6
  RCoInst64.dll                                        : 1.0.1.7
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.3.0
  SRSHP64.dll                                          : 1.0.1.0
  SRSTSH64.dll                                         : 1.1.4.0
  RtkApi64.dll                                         : 1.0.0.2
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                         : 6.0.1.5413
  RtkHDM64.dll                                         : 6.0.6000.37
  RHDMEx64.dll                                         : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                          : 6.0.1.5413
  RtkHDMI.dll                                          : 6.0.6000.37
  RHDMIExt.dll                                         : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                          : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                           : 5.10.0.5413

  Driver Setup Program                                 : 2.45

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.76
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.
        2.) Installer package language wrong for Japanese translation . (
Upgrade operation for Vista )

Windows 2000/XP : --------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                         : 5.10.0.5477
  WDM driver for Winx64                                : 5.10.0.5477
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  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)               : 2.1.5.5
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 2.0.1.20
Vista driver : ------------------------------------------------------
  Vista driver for x86                                : 6.0.1.5477
  RtHDVCpl.exe                                        : 1.0.0.89
  RtkAPO.dll                                          : 11.0.6000.45
  RtkPgExt.dll                                        : 6.0.6000.29
  RTCOMDLL.dll                                        : 2.0.0.79
  RtlCPAPI.dll                                        : 1.0.1.6
  RTSndMgr.cpl                                        : 1.0.0.6
  RtkCoInst.dll                                       : 1.0.1.7
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.1.3.0
  SRSHP360.dll                                        : 1.0.1.0
  SRSTSHD.dll                                         : 1.1.4.0
  RtkApoApi.dll                                       : 1.0.0.2
  Vista driver for x64                                : 6.0.1.5477
  RAVCpl64.exe                                        : 1.0.0.89
  RtkAPO64.dll                                        : 11.0.6000.45
  RtPgEx64.dll                                        : 6.0.6000.29
  RTCOMDLL.dll                                        : 2.0.0.79
  RtlCPAPI.dll                                        : 1.0.1.6
  RTSnMg64.cpl                                        : 1.0.0.6
  RCoInst64.dll                                       : 1.0.1.7
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.1.3.0
  SRSHP64.dll                                         : 1.0.1.0
  SRSTSH64.dll                                        : 1.1.4.0
  RtkApi64.dll                                        : 1.0.0.2
HDMI Driver : -------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5413
  RtkHDM64.dll                                        : 6.0.6000.37
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.44

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
```

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//=================
Driver Package R1.75
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                          : 5.10.0.5473
  WDM driver for Winx64                                 : 5.10.0.5473
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.5.2
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 2.0.1.20
Vista driver : -------------------------------------------------------
  Vista driver for x86                                  : 6.0.1.5473
  RtHDVCpl.exe                                          : 1.0.0.88
  RtkAPO.dll                                            : 11.0.6000.44
  RtkPgExt.dll                                          : 6.0.6000.29
  RTCOMDLL.dll                                          : 2.0.0.79
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSndMgr.cpl                                          : 1.0.0.6
  RtkCoInst.dll                                         : 1.0.1.7
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.3.0
  SRSHP360.dll                                          : 1.0.1.0
  SRSTSHD.dll                                           : 1.1.4.0
  RtkApoApi.dll                                         : 1.0.0.2
  Vista driver for x64                                  : 6.0.1.5473
  RAVCpl64.exe                                          : 1.0.0.88
  RtkAPO64.dll                                          : 11.0.6000.44
  RtPgEx64.dll                                          : 6.0.6000.29
  RTCOMDLL.dll                                          : 2.0.0.79
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSnMg64.cpl                                          : 1.0.0.6
  RtkCoInst.dll                                         : 1.0.1.7
  SRSTSX64.dll                                          : 3.2.0.0
```

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  SRSWOW64.dll                                        : 1.1.3.0
  SRSHP64.dll                                         : 1.0.1.0
  SRSTSH64.dll                                        : 1.1.4.0
  RtkApi64.dll                                        : 1.0.0.2
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5413
  RtkHDM64.dll                                        : 6.0.6000.37
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.42

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.74
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : --------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                        : 5.10.0.5470
  WDM driver for Winx64                               : 5.10.0.5470
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)               : 2.1.5.2
  Alcwzrd.exe                                         : 1.1.0.36
```

```
  SkyTel.exe                                        : 2.0.1.20
Vista driver : ------------------------------------------------------
  Vista driver for x86                              : 6.0.1.5470
  RtHDVCpl.exe                                      : 1.0.0.87
  RtkAPO.dll                                        : 11.0.6000.44
  RtkPgExt.dll                                      : 6.0.6000.28
  RTCOMDLL.dll                                      : 2.0.0.79
  RtlCPAPI.dll                                      : 1.0.1.6
  RTSndMgr.cpl                                      : 1.0.0.6
  RtkCoInst.dll                                     : 1.0.1.7
  SRSTSXT.dll                                       : 3.2.0.0
  SRSWOW.dll                                        : 1.1.3.0
  SRSHP360.dll                                      : 1.0.1.0
  SRSTSHD.dll                                       : 1.1.4.0
  RtkApoApi.dll                                     : 1.0.0.2
  Vista driver for x64                              : 6.0.1.5470
  RAVCpl64.exe                                      : 1.0.0.87
  RtkAPO64.dll                                      : 11.0.6000.44
  RtPgEx64.dll                                      : 6.0.6000.28
  RTCOMDLL.dll                                      : 2.0.0.79
  RtlCPAPI.dll                                      : 1.0.1.6
  RTSnMg64.cpl                                      : 1.0.0.6
  RtkCoInst.dll                                     : 1.0.1.7
  SRSTSX64.dll                                      : 3.2.0.0
  SRSWOW64.dll                                      : 1.1.3.0
  SRSHP64.dll                                       : 1.0.1.0
  SRSTSH64.dll                                      : 1.1.4.0
  RtkApi64.dll                                      : 1.0.0.2
HDMI Driver : -------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                      : 6.0.1.5413
  RtkHDM64.dll                                      : 6.0.6000.37
  RHDMEx64.dll                                      : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                       : 6.0.1.5413
  RtkHDMI.dll                                       : 6.0.6000.37
  RHDMIExt.dll                                      : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                       : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                        : 5.10.0.5413

  Driver Setup Program                              : 2.40

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.73
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
```

```
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                          : 5.10.0.5464
  WDM driver for Winx64                                 : 5.10.0.5464
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.4.9
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 2.0.1.20
Vista driver : -------------------------------------------------------
  Vista driver for x86                                  : 6.0.1.5464
  RtHDVCpl.exe                                          : 1.0.0.84
  RtkAPO.dll                                            : 11.0.6000.43
  RtkPgExt.dll                                          : 6.0.6000.27
  RTCOMDLL.dll                                          : 2.0.0.76
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSndMgr.cpl                                          : 1.0.0.6
  RtkCoInst.dll                                         : 1.0.1.7
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.3.0
  SRSHP360.dll                                          : 1.0.1.0
  SRSTSHD.dll                                           : 1.1.4.0
  RtkApoApi.dll                                         : 1.0.0.2
  Vista driver for x64                                  : 6.0.1.5464
  RAVCpl64.exe                                          : 1.0.0.84
  RtkAPO64.dll                                          : 11.0.6000.43
  RtPgEx64.dll                                          : 6.0.6000.27
  RTCOMDLL.dll                                          : 2.0.0.76
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSnMg64.cpl                                          : 1.0.0.6
  RtkCoInst.dll                                         : 1.0.1.7
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.3.0
  SRSHP64.dll                                           : 1.0.1.0
  SRSTSH64.dll                                          : 1.1.4.0
  RtkApi64.dll                                          : 1.0.0.2
HDMI Driver : --------------------------------------------------------
  Vista x64:
```

```
  RtHDMIVX.sys                                        : 6.0.1.5413
  RtkHDM64.dll                                        : 6.0.6000.37
  RHDMEx64.dll                                        : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5413
  RtkHDMI.dll                                         : 6.0.6000.37
  RHDMIExt.dll                                        : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5413

  Driver Setup Program                                : 2.38

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.72
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : ----------------------------------------------------
  Windows 2000/XP :
  WDM driver for Win2000/WinXP                        : 5.10.0.5449
  WDM driver for Winx64                               : 5.10.0.5449
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)               : 2.1.4.2
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 2.0.1.19
Vista driver : -------------------------------------------------------
  Vista driver for x86                                : 6.0.1.5449
  RtHDVCpl.exe                                        : 1.0.0.73
  RtkAPO.dll                                          : 11.0.6000.41
  RtkPgExt.dll                                        : 6.0.6000.27
```

```
  RTCOMDLL.dll                                          : 2.0.0.76
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSndMgr.cpl                                          : 1.0.0.6
  RtkCoInst.dll                                         : 1.0.1.7
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.2.0
  SRSHP360.dll                                          : 1.0.1.0
  SRSTSHD.dll                                           : 1.1.4.0
  RtkApoApi.dll                                         : 1.0.0.2
  Vista driver for x64                                  : 6.0.1.5449
  RAVCpl64.exe                                          : 1.0.0.73
  RtkAPO64.dll                                          : 11.0.6000.41
  RtPgEx64.dll                                          : 6.0.6000.27
  RTCOMDLL.dll                                          : 2.0.0.76
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSnMg64.cpl                                          : 1.0.0.6
  RtkCoInst.dll                                         : 1.0.1.7
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.2.0
  SRSHP64.dll                                           : 1.0.1.0
  SRSTSH64.dll                                          : 1.1.4.0
  RtkApi64.dll                                          : 1.0.0.2
HDMI Driver : ------------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5413
  RtkHDM64.dll                                          : 6.0.6000.37
  RHDMEx64.dll                                          : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5413
  RtkHDMI.dll                                           : 6.0.6000.37
  RHDMIExt.dll                                          : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5413

  Driver Setup Program                                  : 2.36

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.71
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
```

1.) Customization.

For New architecture:
1.) Customization .

CPL :
1.) Customization.

Windows 2000/XP : ----------

WDM driver for Win2000/WinXP	: 5.10.0.5443
WDM driver for Winx64	: 5.10.0.5443
Realtek Soundman	: 1.0.0.30
Realtek Sound Effect Manager(ALSndMgr.cpl)	: 1.0.0.10
Realtek Sound Effect Manager(RTSndMgr.cpl)	: 1.0.0.9
Realtek Sound Effect Manager(RtlCpl)	: 1.0.1.65
Realtek Sound Effect Manager(RTHDCPL)	: 2.1.4.2
Alcwzrd.exe	: 1.1.0.36
SkyTel.exe	: 2.0.1.19

Vista driver : ----------

Vista driver for x86	: 6.0.1.5443
RtHDVCpl.exe	: 1.0.0.73
RtkAPO.dll	: 11.0.6000.40
RtkPgExt.dll	: 6.0.6000.27
RTCOMDLL.dll	: 2.0.0.74
RtlCPAPI.dll	: 1.0.1.6
RTSndMgr.cpl	: 1.0.0.6
RtkCoInst.dll	: 1.0.1.7
SRSTSXT.dll	: 3.2.0.0
SRSWOW.dll	: 1.1.2.0
SRSHP360.dll	: 1.0.1.0
SRSTSHD.dll	: 1.1.4.0
RtkApoApi.dll	: 1.0.0.2
Vista driver for x64	: 6.0.1.5443
RAVCpl64.exe	: 1.0.0.73
RtkAPO64.dll	: 11.0.6000.40
RtPgEx64.dll	: 6.0.6000.27
RTCOMDLL.dll	: 2.0.0.74
RtlCPAPI.dll	: 1.0.1.6
RTSnMg64.cpl	: 1.0.0.6
RtkCoInst.dll	: 1.0.1.7
SRSTSX64.dll	: 3.2.0.0
SRSWOW64.dll	: 1.1.2.0
SRSHP64.dll	: 1.0.1.0
SRSTSH64.dll	: 1.1.4.0
RtkApi64.dll	: 1.0.0.2

HDMI Driver : ----------

Vista x64:	
RtHDMIVX.sys	: 6.0.1.5413
RtkHDM64.dll	: 6.0.6000.37
RHDMEx64.dll	: 6.0.6000.25
Vista x86:	
RtHDMIV.sys	: 6.0.1.5413
RtkHDMI.dll	: 6.0.6000.37
RHDMIExt.dll	: 6.0.6000.25

```
  XP/2K x64:
  RtHDMIX.sys                                          : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                           : 5.10.0.5413

  Driver Setup Program                                 : 2.36

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.70
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262,ALC267, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : ----------------------------------------------------
  WDM driver for Win2000/WinXP                         : 5.10.0.5436
  WDM driver for Winx64                                : 5.10.0.5436
  Realtek Soundman                                     : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)           : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)           : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                 : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                : 2.1.3.9
  Alcwzrd.exe                                          : 1.1.0.36
  SkyTel.exe                                           : 2.0.1.19
Vista driver : -------------------------------------------------------
  Vista driver for x86                                 : 6.0.1.5436
  RtHDVCpl.exe                                         : 1.0.0.69
  RtkAPO.dll                                           : 11.0.6000.38
  RtkPgExt.dll                                         : 6.0.6000.27
  RTCOMDLL.dll                                         : 2.0.0.74
  RtlCPAPI.dll                                         : 1.0.1.6
  RTSndMgr.cpl                                         : 1.0.0.5
  RtkCoInst.dll                                        : 1.0.1.5
  SRSTSXT.dll                                          : 3.2.0.0
  SRSWOW.dll                                           : 1.1.2.0
  SRSHP360.dll                                         : 1.0.1.0
  SRSTSHD.dll                                          : 1.1.4.0
```

```
  RtkApoApi.dll                                        : 1.0.0.2
  Vista driver for x64                                 : 6.0.1.5436
  RAVCpl64.exe                                         : 1.0.0.69
  RtkAPO64.dll                                         : 11.0.6000.38
  RtPgEx64.dll                                         : 6.0.6000.27
  RTCOMDLL.dll                                         : 2.0.0.74
  RtlCPAPI.dll                                         : 1.0.1.6
  RTSnMg64.cpl                                         : 1.0.0.5
  RtkCoInst.dll                                        : 1.0.1.5
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.2.0
  SRSHP64.dll                                          : 1.0.1.0
  SRSTSH64.dll                                         : 1.1.4.0
  RtkApi64.dll                                         : 1.0.0.2
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                         : 6.0.1.5413
  RtkHDM64.dll                                         : 6.0.6000.37
  RHDMEx64.dll                                         : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                          : 6.0.1.5413
  RtkHDMI.dll                                          : 6.0.6000.37
  RHDMIExt.dll                                         : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                          : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                           : 5.10.0.5413

  Driver Setup Program                                 : 2.35

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.69
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.
```

```
Windows 2000/XP : ----------------------------------------------------
  WDM driver for Win2000/WinXP                          : 5.10.0.5433
  WDM driver for Winx64                                 : 5.10.0.5433
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.3.6
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 2.0.1.17
Vista driver : -------------------------------------------------------
  Vista driver for x86                                  : 6.0.1.5433
  RtHDVCpl.exe                                          : 1.0.0.68
  RtkAPO.dll                                            : 11.0.6000.38
  RtkPgExt.dll                                          : 6.0.6000.27
  RTCOMDLL.dll                                          : 2.0.0.74
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSndMgr.cpl                                          : 1.0.0.5
  RtkCoInst.dll                                         : 1.0.1.5
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.2.0
  SRSHP360.dll                                          : 1.0.1.0
  SRSTSHD.dll                                           : 1.1.4.0
  RtkApoApi.dll                                         : 1.0.0.2
  Vista driver for x64                                  : 6.0.1.5433
  RAVCpl64.exe                                          : 1.0.0.68
  RtkAPO64.dll                                          : 11.0.6000.38
  RtPgEx64.dll                                          : 6.0.6000.27
  RTCOMDLL.dll                                          : 2.0.0.74
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSnMg64.cpl                                          : 1.0.0.5
  RtkCoInst.dll                                         : 1.0.1.5
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.1.2.0
  SRSHP64.dll                                           : 1.0.1.0
  SRSTSH64.dll                                          : 1.1.4.0
  RtkApi64.dll                                          : 1.0.0.2
HDMI Driver : --------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5413
  RtkHDM64.dll                                          : 6.0.6000.37
  RHDMEx64.dll                                          : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5413
  RtkHDMI.dll                                           : 6.0.6000.37
  RHDMIExt.dll                                          : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5413

  Driver Setup Program                                  : 2.34

  Windows 2000/XP Operate on :
```

```
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.68
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : ----------------------------------------------------
  WDM driver for Win2000/WinXP                          : 5.10.0.5413
  WDM driver for Winx64                                 : 5.10.0.5413
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.3.2
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 2.0.1.12
Vista driver : -------------------------------------------------------
  Vista driver for x86                                  : 6.0.1.5413
  RtHDVCpl.exe                                          : 1.0.0.60
  RtkAPO.dll                                            : 11.0.6000.37
  RtkPgExt.dll                                          : 6.0.6000.25
  RTCOMDLL.dll                                          : 2.0.0.73
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSndMgr.cpl                                          : 1.0.0.5
  RtkCoInst.dll                                         : 1.0.1.2
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.1.2.0
  SRSHP360.dll                                          : 1.0.1.0
  SRSTSHD.dll                                           : 1.1.3.0
  RtkApoApi.dll                                         : 1.0.0.2
  Vista driver for x64                                  : 6.0.1.5413
  RAVCpl64.exe                                          : 1.0.0.60
  RtkAPO64.dll                                          : 11.0.6000.37
  RtPgEx64.dll                                          : 6.0.6000.25
  RTCOMDLL.dll                                          : 2.0.0.73
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSnMg64.cpl                                          : 1.0.0.5
```

```
  RtkCoInst.dll                                        : 1.0.1.2
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.2.0
  SRSHP64.dll                                          : 1.0.1.0
  SRSTSH64.dll                                         : 1.1.3.0
  RtkApi64.dll                                         : 1.0.0.2
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                         : 6.0.1.5413
  RtkHDM64.dll                                         : 6.0.6000.37
  RHDMEx64.dll                                         : 6.0.6000.25
  Vista x86:
  RtHDMIV.sys                                          : 6.0.1.5413
  RtkHDMI.dll                                          : 6.0.6000.37
  RHDMIExt.dll                                         : 6.0.6000.25
  XP/2K x64:
  RtHDMIX.sys                                          : 5.10.0.5413
  XP/2K x86:
  RtHDMI.sys                                           : 5.10.0.5413

  Driver Setup Program                                 : 2.33

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.67
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : --------------------------------------------------
  WDM driver for Win2000/WinXP                         : 5.10.0.5413
  WDM driver for Winx64                                : 5.10.0.5413
  Realtek Soundman                                     : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)           : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)           : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                 : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                : 2.1.3.2
```

```
  Alcwzrd.exe                                          : 1.1.0.36
  SkyTel.exe                                           : 2.0.1.12
Vista driver : ------------------------------------------------------
  Vista driver for x86                                 : 6.0.1.5413
  RtHDVCpl.exe                                         : 1.0.0.60
  RtkAPO.dll                                           : 11.0.6000.37
  RtkPgExt.dll                                         : 6.0.6000.25
  RTCOMDLL.dll                                         : 2.0.0.73
  RtlCPAPI.dll                                         : 1.0.1.6
  RTSndMgr.cpl                                         : 1.0.0.5
  RtkCoInst.dll                                        : 1.0.1.2
  SRSTSXT.dll                                          : 3.2.0.0
  SRSWOW.dll                                           : 1.1.2.0
  SRSHP360.dll                                         : 1.0.1.0
  SRSTSHD.dll                                          : 1.1.3.0
  RtkApoApi.dll                                        : 1.0.0.2
  Vista driver for x64                                 : 6.0.1.5413
  RAVCpl64.exe                                         : 1.0.0.60
  RtkAPO64.dll                                         : 11.0.6000.37
  RtPgEx64.dll                                         : 6.0.6000.25
  RTCOMDLL.dll                                         : 2.0.0.73
  RtlCPAPI.dll                                         : 1.0.1.6
  RTSnMg64.cpl                                         : 1.0.0.5
  RtkCoInst.dll                                        : 1.0.1.2
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.1.2.0
  SRSHP64.dll                                          : 1.0.1.0
  SRSTSH64.dll                                         : 1.1.3.0
  RtkApi64.dll                                         : 1.0.0.2
HDMI Driver : -------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                         : 6.0.1.5368
  RtkHDM64.dll                                         : 6.0.6000.26
  RHDMEx64.dll                                         : 6.0.6000.20
  Vista x86:
  RtHDMIV.sys                                          : 6.0.1.5368
  RtkHDMI.dll                                          : 6.0.6000.26
  RHDMIExt.dll                                         : 6.0.6000.20
  XP/2K x64:
  RtHDMIX.sys                                          : 5.10.0.5368
  XP/2K x86:
  RtHDMI.sys                                           : 5.10.0.5368

  Driver Setup Program                                 : 2.32

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.66
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
```

ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : ----------
  WDM driver for Win2000/WinXP : 5.10.0.5404
  WDM driver for Winx64 : 5.10.0.5404
  Realtek Soundman : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl) : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl) : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl) : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL) : 2.1.3.2
  Alcwzrd.exe : 1.1.0.36
  SkyTel.exe : 2.0.1.11
Vista driver : ----------
  Vista driver for x86 : 6.0.1.5404
  RtHDVCpl.exe : 1.0.0.54
  RtkAPO.dll : 11.0.6000.35
  RtkPgExt.dll : 6.0.6000.24
  RTCOMDLL.dll : 2.0.0.72
  RtlCPAPI.dll : 1.0.1.6
  RTSndMgr.cpl : 1.0.0.5
  RtkCoInst.dll : 1.0.1.1
  SRSTSXT.dll : 3.2.0.0
  SRSWOW.dll : 1.1.2.0
  SRSHP360.dll : 1.0.0.0
  SRSTSHD.dll : 1.1.2.0
  Vista driver for x64 : 6.0.1.5404
  RAVCpl64.exe : 1.0.0.54
  RtkAPO64.dll : 11.0.6000.35
  RtPgEx64.dll : 6.0.6000.24
  RTCOMDLL.dll : 2.0.0.72
  RtlCPAPI.dll : 1.0.1.6
  RTSnMg64.cpl : 1.0.0.5
  RtkCoInst.dll : 1.0.1.1
  SRSTSX64.dll : 3.2.0.0
  SRSWOW64.dll : 1.1.2.0
  SRSHP64.dll : 1.0.0.0
  SRSTSH64.dll : 1.1.2.0
HDMI Driver : ----------
  Vista x64:
  RtHDMIVX.sys : 6.0.1.5368
  RtkHDM64.dll : 6.0.6000.26

```
  RHDMEx64.dll                                        : 6.0.6000.20
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5368
  RtkHDMI.dll                                         : 6.0.6000.26
  RHDMIExt.dll                                        : 6.0.6000.20
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5368
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5368

  Driver Setup Program                                : 2.32

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.65
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : ----------------------------------------------------
  WDM driver for Win2000/WinXP                        : 5.10.0.5397
  WDM driver for Winx64                               : 5.10.0.5397
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)               : 2.1.3.0
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 2.0.1.9
Vista driver : -------------------------------------------------------
  Vista driver for x86                                : 6.0.1.5397
  RtHDVCpl.exe                                        : 1.0.0.50
  RtkAPO.dll                                          : 11.0.6000.32
  RtkPgExt.dll                                        : 6.0.6000.22
  RTCOMDLL.dll                                        : 2.0.0.70
  RtlCPAPI.dll                                        : 1.0.1.6
  RTSndMgr.cpl                                        : 1.0.0.5
```

```
  RtkCoInst.dll                                        : 1.0.1.1
  SRSTSXT.dll                                          : 3.2.0.0
  SRSWOW.dll                                           : 1.0.6.0
  Vista driver for x64                                 : 6.0.1.5397
  RAVCpl64.exe                                         : 1.0.0.50
  RtkAPO64.dll                                         : 11.0.6000.32
  RtPgEx64.dll                                         : 6.0.6000.22
  RTCOMDLL.dll                                         : 2.0.0.70
  RtlCPAPI.dll                                         : 1.0.1.6
  RTSnMg64.cpl                                         : 1.0.0.5
  RtkCoInst.dll                                        : 1.0.1.1
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.0.6.0
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                         : 6.0.1.5368
  RtkHDM64.dll                                         : 6.0.6000.26
  RHDMEx64.dll                                         : 6.0.6000.20
  Vista x86:
  RtHDMIV.sys                                          : 6.0.1.5368
  RtkHDMI.dll                                          : 6.0.6000.26
  RHDMIExt.dll                                         : 6.0.6000.20
  XP/2K x64:
  RtHDMIX.sys                                          : 5.10.0.5368
  XP/2K x86:
  RtHDMI.sys                                           : 5.10.0.5368

  Driver Setup Program                                 : 2.31

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.64
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : --------------------------------------------------
```

```
  WDM driver for Win2000/WinXP                          : 5.10.0.5391
  WDM driver for Winx64                                 : 5.10.0.5391
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.65
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.2.9
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 2.0.1.7
Vista driver : ------------------------------------------------------
  Vista driver for x86                                  : 6.0.1.5391
  RtHDVCpl.exe                                          : 1.0.0.46
  RtkAPO.dll                                            : 11.0.6000.31
  RtkPgExt.dll                                          : 6.0.6000.22
  RTCOMDLL.dll                                          : 2.0.0.69
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSndMgr.cpl                                          : 1.0.0.5
  RtkCoInst.dll                                         : 1.0.0.12
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.0.6.0
  Vista driver for x64                                  : 6.0.1.5391
  RAVCpl64.exe                                          : 1.0.0.46
  RtkAPO64.dll                                          : 11.0.6000.31
  RtPgEx64.dll                                          : 6.0.6000.22
  RTCOMDLL.dll                                          : 2.0.0.69
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSnMg64.cpl                                          : 1.0.0.5
  RtkCoInst.dll                                         : 1.0.0.12
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.0.6.0
HDMI Driver : --------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5368
  RtkHDM64.dll                                          : 6.0.6000.26
  RHDMEx64.dll                                          : 6.0.6000.20
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5368
  RtkHDMI.dll                                           : 6.0.6000.26
  RHDMIExt.dll                                          : 6.0.6000.20
  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5368
  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5368

  Driver Setup Program                                  : 2.30

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.63
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
```

1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC268
2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
3. HDMI Device WHQL Support: ATI HDMI Devices
4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
1.) Customization.

For New architecture:
1.) Customization .

CPL :
1.) Customization.

Windows 2000/XP : ----------

WDM driver for Win2000/WinXP	: 5.10.0.5377
WDM driver for Winx64	: 5.10.0.5377
Realtek Soundman	: 1.0.0.30
Realtek Sound Effect Manager(ALSndMgr.cpl)	: 1.0.0.10
Realtek Sound Effect Manager(RTSndMgr.cpl)	: 1.0.0.9
Realtek Sound Effect Manager(RtlCpl)	: 1.0.1.64
Realtek Sound Effect Manager(RTHDCPL)	: 2.1.2.4
Alcwzrd.exe	: 1.1.0.36
SkyTel.exe	: 1.0.0.0

Vista driver : ----------

Vista driver for x86	: 6.0.1.5386
RtHDVCpl.exe	: 1.0.0.43
RtkAPO.dll	: 11.0.6000.29
RtkPgExt.dll	: 6.0.6000.22
RTCOMDLL.dll	: 2.0.0.69
RtlCPAPI.dll	: 1.0.1.6
RTSndMgr.cpl	: 1.0.0.4
RtkCoInst.dll	: 1.0.0.9
SRSTSXT.dll	: 3.2.0.0
SRSWOW.dll	: 1.0.6.0
Vista driver for x64	: 6.0.1.5386
RAVCpl64.exe	: 1.0.0.43
RtkAPO64.dll	: 11.0.6000.29
RtPgEx64.dll	: 6.0.6000.22
RTCOMDLL.dll	: 2.0.0.69
RtlCPAPI.dll	: 1.0.1.6
RTSnMg64.cpl	: 1.0.0.4
RtkCoInst.dll	: 1.0.0.9
SRSTSX64.dll	: 3.2.0.0
SRSWOW64.dll	: 1.0.6.0

HDMI Driver : ----------

Vista x64:	
RtHDMIVX.sys	: 6.0.1.5368
RtkHDM64.dll	: 6.0.6000.26
RHDMEx64.dll	: 6.0.6000.20
Vista x86:	
RtHDMIV.sys	: 6.0.1.5368

```
  RtkHDMI.dll                                          : 6.0.6000.26
  RHDMIExt.dll                                         : 6.0.6000.20
  XP/2K x64:
  RtHDMIX.sys                                          : 5.10.0.5368
  XP/2K x86:
  RtHDMI.sys                                           : 5.10.0.5368

  Driver Setup Program                                 : 2.30

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.62
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : ----------------------------------------------------
  WDM driver for Win2000/WinXP                         : 5.10.0.5377
  WDM driver for Winx64                                : 5.10.0.5377
  Realtek Soundman                                     : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)           : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)           : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                 : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                : 2.1.2.4
  Alcwzrd.exe                                          : 1.1.0.36
  SkyTel.exe                                           : 1.0.0.0
Vista driver : -------------------------------------------------------
  Vista driver for x86                                 : 6.0.1.5384
  RtHDVCpl.exe                                         : 1.0.0.41
  RtkAPO.dll                                           : 11.0.6000.28
  RtkPgExt.dll                                         : 6.0.6000.21
  RTCOMDLL.dll                                         : 2.0.0.69
  RtlCPAPI.dll                                         : 1.0.1.6
  RTSndMgr.cpl                                         : 1.0.0.4
  RtkCoInst.dll                                        : 1.0.0.9
  SRSTSXT.dll                                          : 3.2.0.0
  SRSWOW.dll                                           : 1.0.6.0
```

```
  Vista driver for x64                                  : 6.0.1.5384
  RAVCpl64.exe                                          : 1.0.0.41
  RtkAPO64.dll                                          : 11.0.6000.28
  RtPgEx64.dll                                          : 6.0.6000.21
  RTCOMDLL.dll                                          : 2.0.0.69
  RtlCPAPI.dll                                          : 1.0.1.6
  RTSnMg64.cpl                                          : 1.0.0.4
  RtkCoInst.dll                                         : 1.0.0.9
  SRSTSX64.dll                                          : 3.2.0.0
  SRSWOW64.dll                                          : 1.0.6.0
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                          : 6.0.1.5368
  RtkHDM64.dll                                          : 6.0.6000.26
  RHDMEx64.dll                                          : 6.0.6000.20
  Vista x86:
  RtHDMIV.sys                                           : 6.0.1.5368
  RtkHDMI.dll                                           : 6.0.6000.26
  RHDMIExt.dll                                          : 6.0.6000.20
  XP/2K x64:
  RtHDMIX.sys                                           : 5.10.0.5368
  XP/2K x86:
  RtHDMI.sys                                            : 5.10.0.5368

  Driver Setup Program                                  : 2.30

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.61
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : --------------------------------------------------
  WDM driver for Win2000/WinXP                          : 5.10.0.5377
  WDM driver for Winx64                                 : 5.10.0.5377
  Realtek Soundman                                      : 1.0.0.30
```

```
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)               : 2.1.2.4
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 1.0.0.0
Vista driver : ------------------------------------------------------
  Vista driver for x86                                : 6.0.1.5377
  RtHDVCpl.exe                                        : 1.0.0.38
  RtkAPO.dll                                          : 11.0.6000.26
  RtkPgExt.dll                                        : 6.0.6000.20
  RTCOMDLL.dll                                        : 2.0.0.68
  RtlCPAPI.dll                                        : 1.0.1.5
  RTSndMgr.cpl                                        : 1.0.0.4
  RtkCoInst.dll                                       : 1.0.0.7
  SRSTSXT.dll                                         : 3.2.0.0
  SRSWOW.dll                                          : 1.0.6.0
  Vista driver for x64                                : 6.0.1.5377
  RAVCpl64.exe                                        : 1.0.0.38
  RtkAPO64.dll                                        : 11.0.6000.26
  RtPgEx64.dll                                        : 6.0.6000.20
  RTCOMDLL.dll                                        : 2.0.0.68
  RtlCPAPI.dll                                        : 1.0.1.5
  RTSnMg64.cpl                                        : 1.0.0.4
  RtkCoInst.dll                                       : 1.0.0.7
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.0.6.0
HDMI Driver : -------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5356
  RtkHDM64.dll                                        : 6.0.6000.20
  RHDMEx64.dll                                        : 6.0.6000.17
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5356
  RtkHDMI.dll                                         : 6.0.6000.20
  RHDMIExt.dll                                        : 6.0.6000.17
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5356
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5356

  Driver Setup Program                                : 2.30

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.60
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
```

ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : --
  WDM driver for Win2000/WinXP   : 5.10.0.5366
  WDM driver for Winx64   : 5.10.0.5366
  Realtek Soundman   : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)   : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)   : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)   : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)   : 2.1.2.0
  Alcwzrd.exe   : 1.1.0.36
  SkyTel.exe   : 1.0.0.0
Vista driver : ---
  Vista driver for x86   : 6.0.1.5374
  RtHDVCpl.exe   : 1.0.0.36
  RtkAPO.dll   : 11.0.6000.25
  RtkPgExt.dll   : 6.0.6000.20
  RTCOMDLL.dll   : 2.0.0.66
  RtlCPAPI.dll   : 1.0.1.5
  RTSndMgr.cpl   : 1.0.0.4
  RtkCoInst.dll   : 1.0.0.7
  SRSTSXT.dll   : 3.2.0.0
  SRSWOW.dll   : 1.0.6.0
  Vista driver for x64   : 6.0.1.5374
  RAVCpl64.exe   : 1.0.0.36
  RtkAPO64.dll   : 11.0.6000.25
  RtPgEx64.dll   : 6.0.6000.20
  RTCOMDLL.dll   : 2.0.0.65
  RtlCPAPI.dll   : 1.0.1.5
  RTSnMg64.cpl   : 1.0.0.4
  RtkCoInst.dll   : 1.0.0.7
  SRSTSX64.dll   : 3.2.0.0
  SRSWOW64.dll   : 1.0.6.0
HDMI Driver : --
  Vista x64:
  RtHDMIVX.sys   : 6.0.1.5356
  RtkHDM64.dll   : 6.0.6000.20
  RHDMEx64.dll   : 6.0.6000.17
  Vista x86:
  RtHDMIV.sys   : 6.0.1.5356
  RtkHDMI.dll   : 6.0.6000.20
  RHDMIExt.dll   : 6.0.6000.17
  XP/2K x64:

```
  RtHDMIX.sys                                          : 5.10.0.5356
  XP/2K x86:
  RtHDMI.sys                                           : 5.10.0.5356

  Driver Setup Program                                 : 2.28

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.59
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : ----------------------------------------------------
  WDM driver for Win2000/WinXP                         : 5.10.0.5366
  WDM driver for Winx64                                : 5.10.0.5366
  Realtek Soundman                                     : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)           : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)           : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                 : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                : 2.1.2.0
  Alcwzrd.exe                                          : 1.1.0.36
  SkyTel.exe                                           : 1.0.0.0
Vista driver : -------------------------------------------------------
  Vista driver for x86                                 : 6.0.1.5372
  RtHDVCpl.exe                                         : 1.0.0.33
  RtkAPO.dll                                           : 11.0.6000.25
  RtkPgExt.dll                                         : 6.0.6000.20
  RTCOMDLL.dll                                         : 2.0.0.66
  RtlCPAPI.dll                                         : 1.0.1.5
  RTSndMgr.cpl                                         : 1.0.0.4
  RtkCoInst.dll                                        : 1.0.0.7
  SRSTSXT.dll                                          : 3.2.0.0
  SRSWOW.dll                                           : 1.0.6.0
  Vista driver for x64                                 : 6.0.1.5372
  RAVCpl64.exe                                         : 1.0.0.33
  RtkAPO64.dll                                         : 11.0.6000.25
```

```
  RtPgEx64.dll                                        : 6.0.6000.20
  RTCOMDLL.dll                                        : 2.0.0.65
  RtlCPAPI.dll                                        : 1.0.1.5
  RTSnMg64.cpl                                        : 1.0.0.4
  RtkCoInst.dll                                       : 1.0.0.7
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.0.6.0
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                        : 6.0.1.5356
  RtkHDM64.dll                                        : 6.0.6000.20
  RHDMEx64.dll                                        : 6.0.6000.17
  Vista x86:
  RtHDMIV.sys                                         : 6.0.1.5356
  RtkHDMI.dll                                         : 6.0.6000.20
  RHDMIExt.dll                                        : 6.0.6000.17
  XP/2K x64:
  RtHDMIX.sys                                         : 5.10.0.5356
  XP/2K x86:
  RtHDMI.sys                                          : 5.10.0.5356

  Driver Setup Program                                : 2.28

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.58
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    6. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

Windows 2000/XP : --------------------------------------------------
  WDM driver for Win2000/WinXP                        : 5.10.0.5366
  WDM driver for Winx64                               : 5.10.0.5366
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.64
```

```
  Realtek Sound Effect Manager(RTHDCPL)              : 2.1.2.0
  Alcwzrd.exe                                        : 1.1.0.36
  SkyTel.exe                                         : 1.0.0.0
Vista driver : ----------------------------------------------------
  Vista driver for x86                               : 6.0.1.5371
  RtHDVCpl.exe                                       : 1.0.0.32
  RtkAPO.dll                                         : 11.0.6000.25
  RtkPgExt.dll                                       : 6.0.6000.20
  RTCOMDLL.dll                                       : 2.0.0.66
  RtlCPAPI.dll                                       : 1.0.1.5
  RTSndMgr.cpl                                       : 1.0.0.4
  RtkCoInst.dll                                      : 1.0.0.7
  SRSTSXT.dll                                        : 3.2.0.0
  SRSWOW.dll                                         : 1.0.6.0
  Vista driver for x64                               : 6.0.1.5371
  RAVCpl64.exe                                       : 1.0.0.32
  RtkAPO64.dll                                       : 11.0.6000.25
  RtPgEx64.dll                                       : 6.0.6000.20
  RTCOMDLL.dll                                       : 2.0.0.65
  RtlCPAPI.dll                                       : 1.0.1.5
  RTSnMg64.cpl                                       : 1.0.0.4
  RtkCoInst.dll                                      : 1.0.0.7
  SRSTSX64.dll                                       : 3.2.0.0
  SRSWOW64.dll                                       : 1.0.6.0
HDMI Driver : ------------------------------------------------------
  Vista x64:
  RtHDMIVX.sys                                       : 6.0.1.5356
  RtkHDM64.dll                                       : 6.0.6000.20
  RHDMEx64.dll                                       : 6.0.6000.17
  Vista x86:
  RtHDMIV.sys                                        : 6.0.1.5356
  RtkHDMI.dll                                        : 6.0.6000.20
  RHDMIExt.dll                                       : 6.0.6000.17
  XP/2K x64:
  RtHDMIX.sys                                        : 5.10.0.5356
  XP/2K x86:
  RtHDMI.sys                                         : 5.10.0.5356

  Driver Setup Program                               : 2.28

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.57
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. HDMI Device WHQL Support: ATI HDMI Devices
    4. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
```

5. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
6. Add/Fix
    1.) Customization.

   For New architecture:
    1.) Customization .

   CPL :
    1.) Customization.

Windows 2000/XP : ----------

WDM driver for Win2000/WinXP	: 5.10.0.5366
WDM driver for Winx64	: 5.10.0.5366
Realtek Soundman	: 1.0.0.30
Realtek Sound Effect Manager(ALSndMgr.cpl)	: 1.0.0.10
Realtek Sound Effect Manager(RTSndMgr.cpl)	: 1.0.0.9
Realtek Sound Effect Manager(RtlCpl)	: 1.0.1.64
Realtek Sound Effect Manager(RTHDCPL)	: 2.1.2.0
Alcwzrd.exe	: 1.1.0.36
SkyTel.exe	: 1.0.0.0

Vista driver : ----------

Vista driver for x86	: 6.0.1.5361
RtHDVCpl.exe	: 1.0.0.27
RtkAPO.dll	: 11.0.6000.20
RtkPgExt.dll	: 6.0.6000.17
RTCOMDLL.dll	: 2.0.0.65
RtlCPAPI.dll	: 1.0.1.5
RTSndMgr.cpl	: 1.0.0.1
RtkCoInst.dll	: 1.0.0.6
SRSTSXT.dll	: 3.2.0.0
SRSWOW.dll	: 1.0.6.0
Vista driver for x64	: 6.0.1.5361
RAVCpl64.exe	: 1.0.0.27
RtkAPO64.dll	: 11.0.6000.20
RtPgEx64.dll	: 6.0.6000.17
RTCOMDLL.dll	: 2.0.0.65
RtlCPAPI.dll	: 1.0.1.5
RTSnMg64.cpl	: 1.0.0.1
RtkCoInst.dll	: 1.0.0.6
SRSTSX64.dll	: 3.2.0.0
SRSWOW64.dll	: 1.0.6.0

HDMI Driver : ----------

Vista x64:	
RtHDMIVX.sys	: 6.0.1.5356
RtkHDM64.dll	: 6.0.6000.20
RHDMEx64.dll	: 6.0.6000.17
Vista x86:	
RtHDMIV.sys	: 6.0.1.5356
RtkHDMI.dll	: 6.0.6000.20
RHDMIExt.dll	: 6.0.6000.17
XP/2K x64:	
RtHDMIX.sys	: 5.10.0.5356
XP/2K x86:	
RtHDMI.sys	: 5.10.0.5356

```
  Driver Setup Program                                  : 2.27

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.56
    Realtek HD Audio Driver support all of Realtek HD Audio Codec in
Vista/WinXP/Win2000/Win2003 .
    1. Vista WHQL Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD, ALC660,
ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP WHQL Supporting: ALC880, ALC882, ALC883, ALC885, ALC888,
ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    4. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    5. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

  Windows 2000/XP :
  WDM driver for Win2000/WinXP                          : 5.10.0.5345
  WDM driver for Winx64                                 : 5.10.0.5345
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.1.4
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 1.0.0.0
  Vista driver :
  Vista driver for x86                                  : 6.0.1.5361
  RtHDVCpl.exe                                          : 1.0.0.27
  RtkAPO.dll                                            : 11.0.6000.20
  RtkPgExt.dll                                          : 6.0.6000.17
  RTCOMDLL.dll                                          : 2.0.0.65
  RtlCPAPI.dll                                          : 1.0.1.5
  RTSndMgr.cpl                                          : 1.0.0.1
  RtkCoInst.dll                                         : 1.0.0.6
  SRSTSXT.dll                                           : 3.2.0.0
  SRSWOW.dll                                            : 1.0.6.0
  Vista driver for x64                                  : 6.0.1.5361
  RAVCpl64.exe                                          : 1.0.0.27
  RtkAPO64.dll                                          : 11.0.6000.20
  RtPgEx64.dll                                          : 6.0.6000.17
  RTCOMDLL.dll                                          : 2.0.0.65
  RtlCPAPI.dll                                          : 1.0.1.5
  RTSnMg64.cpl                                          : 1.0.0.1
```

```
  RtkCoInst.dll                                        : 1.0.0.6
  SRSTSX64.dll                                         : 3.2.0.0
  SRSWOW64.dll                                         : 1.0.6.0

  Driver Setup Program                                 : 2.27

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.55
    1. Vista logo Codec Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD,
ALC660, ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP logo Codec Supporting: ALC880, ALC882, ALC883, ALC885,
ALC888, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    4. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    5. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

  Windows 2000/XP :
  WDM driver for Win2000/WinXP                         : 5.10.0.5345
  WDM driver for Winx64                                : 5.10.0.5345
  Realtek Soundman                                     : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)           : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)           : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                 : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                : 2.1.1.4
  Alcwzrd.exe                                          : 1.1.0.36
  SkyTel.exe                                           : 1.0.0.0
  Vista driver :
  Vista driver for x86                                 : 6.0.1.5350
  RtHDVCpl.exe                                         : 1.0.0.21
  RtkAPO.dll                                           : 11.0.6000.16
  RtkPgExt.dll                                         : 6.0.6000.15
  RTCOMDLL.dll                                         : 2.0.0.65
  RtlCPAPI.dll                                         : 1.0.1.5
  RTSndMgr.cpl                                         : 1.0.0.1
  RtkCoInst.dll                                        : 1.0.0.3
  SRSTSXT.dll                                          : 3.2.0.0
  SRSWOW.dll                                           : 1.0.6.0
  Vista driver for x64                                 : 6.0.1.5350
  RAVCpl64.exe                                         : 1.0.0.21
  RtkAPO64.dll                                         : 11.0.6000.16
  RtPgEx64.dll                                         : 6.0.6000.15
  RTCOMDLL.dll                                         : 2.0.0.65
  RtlCPAPI.dll                                         : 1.0.1.5
```

```
  RTSnMg64.cpl                                        : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.0.4
  SRSTSX64.dll                                        : 3.2.0.0
  SRSWOW64.dll                                        : 1.0.6.0

  Driver Setup Program                                : 2.24

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.54
    1. Vista logo Codec Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD,
ALC660, ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP logo Codec Supporting: ALC880, ALC882, ALC883, ALC885,
ALC888, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    4. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    5. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

  Windows 2000/XP :
  WDM driver for Win2000/WinXP                        : 5.10.0.5345
  WDM driver for Winx64                               : 5.10.0.5345
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)               : 2.1.1.4
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 1.0.0.0
  Vista driver :
  Vista driver for x86                                : 6.0.1.5334
  RtHDVCpl.exe                                        : 1.0.0.11
  RtkAPO.dll                                          : 11.0.5600.13
  RtkPgExt.dll                                        : 6.0.5600.12
  RTCOMDLL.dll                                        : 1.0.0.63
  RtlCPAPI.dll                                        : 1.0.1.5
  RTSndMgr.cpl                                        : 1.0.0.1
  RtkCoInst.dll                                       : 1.0.0.2
  Vista driver for x64                                : 6.0.1.5334
  RAVCpl64.exe                                        : 1.0.0.11
  RtkAPO64.dll                                        : 11.0.5600.13
  RtPgEx64.dll                                        : 6.0.5600.12
  RTCOMDLL.dll                                        : 1.0.0.63
  RtlCPAPI.dll                                        : 1.0.1.5
  RTSnMg64.cpl                                        : 1.0.0.1
```

```
  RtkCoInst.dll                                        : 1.0.0.2

  Driver Setup Program                                 : 2.23

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.53
    1. Vista logo Codec Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD,
ALC660, ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP logo Codec Supporting: ALC880, ALC882, ALC883, ALC885,
ALC888, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    4. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    5. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .
        2.) Fixed issue -> DTM Test \ Hal timer issue for V5331 Vista driver (
Potential risk ).

       CPL :
        1.) Customization.

  Windows 2000/XP :
  WDM driver for Win2000/WinXP                         : 5.10.0.5324
  WDM driver for Winx64                                : 5.10.0.5324
  Realtek Soundman                                     : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)           : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)           : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                 : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                : 2.1.1.1
  Alcwzrd.exe                                          : 1.1.0.36
  SkyTel.exe                                           : 1.0.0.0
  Vista driver :
  Vista driver for x86                                 : 6.0.1.5334
  RtHDVCpl.exe                                         : 1.0.0.11
  RtkAPO.dll                                           : 11.0.5600.13
  RtkPgExt.dll                                         : 6.0.5600.12
  RTCOMDLL.dll                                         : 1.0.0.63
  RtlCPAPI.dll                                         : 1.0.1.5
  RTSndMgr.cpl                                         : 1.0.0.1
  RtkCoInst.dll                                        : 1.0.0.2
  Vista driver for x64                                 : 6.0.1.5334
  RAVCpl64.exe                                         : 1.0.0.11
  RtkAPO64.dll                                         : 11.0.5600.13
  RtPgEx64.dll                                         : 6.0.5600.12
  RTCOMDLL.dll                                         : 1.0.0.63
  RtlCPAPI.dll                                         : 1.0.1.5
  RTSnMg64.cpl                                         : 1.0.0.1
  RtkCoInst.dll                                        : 1.0.0.2
```

```
  Driver Setup Program                                  : 2.21

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.52
    1. Vista logo Codec Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD,
ALC660, ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP logo Codec Supporting: ALC880, ALC882, ALC883, ALC885,
ALC888, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    4. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    5. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .
        2.) Known issue -> DTM Test \ Hal timer issue for V5331 Vista driver (
Potential risk ).

       CPL :
        1.) Customization.

  Windows 2000/XP :
  WDM driver for Win2000/WinXP                          : 5.10.0.5324
  WDM driver for Winx64                                 : 5.10.0.5324
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.1.1
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 1.0.0.0
  Vista driver :
  Vista driver for x86                                  : 6.0.1.5331
  RtHDVCpl.exe                                          : 1.0.0.9
  RtkAPO.dll                                            : 11.0.5600.13
  RtkPgExt.dll                                          : 6.0.5600.12
  RTCOMDLL.dll                                          : 1.0.0.63
  RtlCPAPI.dll                                          : 1.0.0.7
  RTSndMgr.cpl                                          : 1.0.0.1
  RtkCoInst.dll                                         : 1.0.0.1
  Vista driver for x64                                  : 6.0.1.5331
  RAVCpl64.exe                                          : 1.0.0.9
  RtkAPO64.dll                                          : 11.0.5600.13
  RtPgEx64.dll                                          : 6.0.5600.12
  RTCOMDLL.dll                                          : 1.0.0.63
  RtlCPAPI.dll                                          : 1.0.0.7
  RTSnMg64.cpl                                          : 1.0.0.1
  RtkCoInst.dll                                         : 1.0.0.1
```

```
  Driver Setup Program                                  : 2.20

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.51
    1. Vista logo Codec Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD,
ALC660, ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP logo Codec Supporting: ALC880, ALC882, ALC883, ALC885,
ALC888, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC267,ALC268
    3. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    4. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    5. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

  Windows 2000/XP :
  WDM driver for Win2000/WinXP                          : 5.10.0.5324
  WDM driver for Winx64                                 : 5.10.0.5324
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.1.1
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 1.0.0.0
  Vista driver :
  Vista driver for x86                                  : 6.0.1.5322
  RtHDVCpl.exe                                          : 1.0.0.7
  RtkAPO.dll                                            : 11.0.5600.13
  RtkPgExt.dll                                          : 6.0.5600.12
  RTCOMDLL.dll                                          : 1.0.0.63
  RtlCPAPI.dll                                          : 1.0.0.7
  RTSndMgr.cpl                                          : 1.0.0.1
  Vista driver for x64                                  : 6.0.1.5322
  RAVCpl64.exe                                          : 1.0.0.7
  RtkAPO64.dll                                          : 11.0.5600.13
  RtPgEx64.dll                                          : 6.0.5600.12
  RTCOMDLL.dll                                          : 1.0.0.63
  RtlCPAPI.dll                                          : 1.0.0.7
  RTSnMg64.cpl                                          : 1.0.0.1
  Driver Setup Program                                  : 2.20

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
```

```
//=================
Driver Package R1.50
    1. Vista logo Codec Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD,
ALC660, ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP logo Codec Supporting: ALC880, ALC882, ALC883, ALC885,
ALC888, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC268
    3. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    4. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    5. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

  Windows 2000/XP :
  WDM driver for Win2000/WinXP                          : 5.10.0.5319
  WDM driver for Winx64                                 : 5.10.0.5319
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.0.8
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 1.0.0.0
  Vista driver :
  Vista driver for x86                                  : 6.0.1.5322
  RtHDVCpl.exe                                          : 1.0.0.7
  RtkAPO.dll                                            : 11.0.5600.13
  RtkPgExt.dll                                          : 6.0.5600.12
  RTCOMDLL.dll                                          : 1.0.0.63
  RtlCPAPI.dll                                          : 1.0.0.7
  RTSndMgr.cpl                                          : 1.0.0.1
  Vista driver for x64                                  : 6.0.1.5322
  RAVCpl64.exe                                          : 1.0.0.7
  RtkAPO64.dll                                          : 11.0.5600.13
  RtPgEx64.dll                                          : 6.0.5600.12
  RTCOMDLL.dll                                          : 1.0.0.63
  RtlCPAPI.dll                                          : 1.0.0.7
  RTSnMg64.cpl                                          : 1.0.0.1
  Driver Setup Program                                  : 2.19

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.49
    1. Vista logo Codec Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD,
ALC660, ALC662, ALC260, ALC262, ALC268
    2. Windows 2000/XP logo Codec Supporting: ALC880, ALC882, ALC883, ALC885,
ALC888, ALC861VC, ALC861VD, ALC660, ALC662, ALC260, ALC262, ALC268
```

```
    3. OS Supporting: Microsoft Windows XP, Windows 2000, Vista x86/x64
    4. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    5. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

  Windows 2000/XP :
  WDM driver for Win2000/WinXP                          : 5.10.0.5319
  WDM driver for Winx64                                 : 5.10.0.5319
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.1.0.8
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 1.0.0.0
  Vista driver :
  Vista driver for x86                                  : 6.0.1.5317
  RtHDVCpl.exe                                          : 1.0.0.6
  RtkAPO.dll                                            : 11.0.5600.12
  RtkPgExt.dll                                          : 6.0.5600.12
  RTCOMDLL.dll                                          : 1.0.0.63
  RtlCPAPI.dll                                          : 1.0.0.7
  RTSndMgr.cpl                                          : 1.0.0.1
  Vista driver for x64                                  : 6.0.1.5317
  RAVCpl64.exe                                          : 1.0.0.6
  RtkAPO64.dll                                          : 11.0.5600.12
  RtPgEx64.dll                                          : 6.0.5600.12
  RTCOMDLL.dll                                          : 1.0.0.63
  RtlCPAPI.dll                                          : 1.0.0.7
  RTSnMg64.cpl                                          : 1.0.0.1
  Driver Setup Program                                  : 2.19

  Windows 2000/XP Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.48
  Vista driver Version: 5.10.0.5317
    1. Vista logo Codec Supporting: ALC882, ALC883, ALC885, ALC888, ALC861VD,
ALC660, ALC662, ALC260, ALC262, ALC268
    2. OS Supporting: Microsoft Windows Vista x86/x64

  Vista driver for x86                                  : 6.10.0.5317
  RtHDVCpl.exe                                          : 1.0.0.6
  RtkAPO.dll                                            : 11.0.5600.12
  RtkPgExt.dll                                          : 6.0.5600.12
  RTCOMDLL.dll                                          : 1.0.0.63
```

```
  RtlCPAPI.dll                                        : 1.0.0.7
  RTSndMgr.cpl                                        : 1.0.0.1
  Vista driver for x64                                : 6.10.0.5317
  RAVCpl64.exe                                        : 1.0.0.6
  RtkAPO64.dll                                        : 11.0.5600.12
  RtPgEx64.dll                                        : 6.0.5600.12
  RTCOMDLL.dll                                        : 1.0.0.63
  RtlCPAPI.dll                                        : 1.0.0.7
  RTSnMg64.cpl                                        : 1.0.0.1
  Driver Setup Program                                : 2.19
//=================
Driver Package R1.47
  RtkHDAud.sys Version: 5.10.0.5296
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861,
ALC861VD, ALC660, ALC260, ALC262, ALC268
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

  WDM driver for Win2000/WinXP                        : 5.10.0.5296
  WDM driver for Winx64                               : 5.10.0.5296
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.9.8
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 1.0.0.0
  Driver Setup Program                                : 2.18

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.46
  RtkHDAud.sys Version: 5.10.0.5294
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861,
ALC861VD, ALC660, ALC260, ALC262, ALC268
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .
```

```
       CPL :
        1.) Customization.

  WDM driver for Win2000/WinXP                          : 5.10.0.5294
  WDM driver for Winx64                                 : 5.10.0.5294
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.0.9.6
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 1.0.0.0
  Driver Setup Program                                  : 2.16

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.45
  RtkHDAud.sys Version: 5.10.0.5288
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861,
ALC861VD, ALC660, ALC260, ALC262, ALC268
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

  WDM driver for Win2000/WinXP                          : 5.10.0.5288
  WDM driver for Winx64                                 : 5.10.0.5288
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.9
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.0.9.1
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 1.0.0.0
  Driver Setup Program                                  : 2.15

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.44
  RtkHDAud.sys Version: 5.10.0.5286
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861,
ALC861VD, ALC660, ALC260, ALC262, ALC268
```

```
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

  WDM driver for Win2000/WinXP                          : 5.10.0.5286
  WDM driver for Winx64                                 : 5.10.0.5286
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.0.8.7
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 1.0.0.0
  Driver Setup Program                                  : 2.15

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.43
  RtkHDAud.sys Version: 5.10.0.5283
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861,
ALC861VD, ALC660, ALC260, ALC262, ALC268
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

  WDM driver for Win2000/WinXP                          : 5.10.0.5283
  WDM driver for Winx64                                 : 5.10.0.5283
  Realtek Soundman                                      : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.0.8.3
  Alcwzrd.exe                                           : 1.1.0.36
  SkyTel.exe                                            : 1.0.0.0
  Driver Setup Program                                  : 2.15

  Operate on :
```

```
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.42
  RtkHDAud.sys Version: 5.10.0.5282
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861,
ALC861VD, ALC660, ALC260, ALC262, ALC268
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .
        2.) Fix some game issue .

       CPL :
        1.) Customization.

  WDM driver for Win2000/WinXP                        : 5.10.0.5282
  WDM driver for Winx64                               : 5.10.0.5282
  Realtek Soundman                                    : 1.0.0.30
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.8.0
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 1.0.0.0
  Driver Setup Program                                : 2.15

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.41
  RtkHDAud.sys Version: 5.10.0.5273
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861,
ALC861VD, ALC660, ALC260, ALC262, ALC268
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization.

       CPL :
        1.) Customization.

  WDM driver for Win2000/WinXP                        : 5.10.0.5273
  WDM driver for Winx64                               : 5.10.0.5273
  Realtek Soundman                                    : 1.0.0.29
```

```
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.7.3
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 1.0.0.0
  Driver Setup Program                                : 2.14

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.40
  RtkHDAud.sys Version: 5.10.0.5268
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861,
ALC861VD, ALC660, ALC260, ALC262, ALC268
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

       InstallShield package :
        1.) Correct present driver version in "Add or Remove Programs \ Support
Information" .
        2.) Windows 2000 installation reboot twice problem .

  WDM driver for Win2000/WinXP                        : 5.10.0.5268
  WDM driver for Winx64                               : 5.10.0.5268
  Realtek Soundman                                    : 1.0.0.29
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.7.0
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 1.0.0.0
  Driver Setup Program                                : 2.14

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.39
  RtkHDAud.sys Version: 5.10.0.5265
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861,
ALC861VD,ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
```

```
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.
        2.) Add support for left panel and right panel config.

       InstallShield package :
        1.) Copy file rule in Vista system .
        2.) Show driver version in "Add or Remove Programs \ Support
Information" .

  WDM driver for Win2000/WinXP                        : 5.10.0.5265
  WDM driver for Winx64                               : 5.10.0.5265
  Realtek Soundman                                    : 1.0.0.29
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.6.9
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 1.0.0.0
  Driver Setup Program                                : 2.13

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.38
  RtkHDAud.sys Version: 5.10.0.5257
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861, ALC260,
ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

       InstallShield package :
        1.) Add "XP2K" and "Vista" folder name for installation .
        2.) Abort flag setting .

  WDM driver for Win2000/WinXP                        : 5.10.0.5257
  WDM driver for Winx64                               : 5.10.0.5257
  Realtek Soundman                                    : 1.0.0.29
```

```
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.6.6
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 1.0.0.0
  Driver Setup Program                                : 2.11

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.37
  RtkHDAud.sys Version: 5.10.0.5253
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861, ALC260,
ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

       InstallShield package :
        1.) Upgrade to IS11.5 .

  WDM driver for Win2000/WinXP                        : 5.10.0.5253
  WDM driver for Winx64                               : 5.10.0.5253
  Realtek Soundman                                    : 1.0.0.29
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.64
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.6.4
  Alcwzrd.exe                                         : 1.1.0.36
  SkyTel.exe                                          : 1.0.0.0
  Driver Setup Program                                : 2.09

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.36
  RtkHDAud.sys Version: 5.10.0.5247
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC888, ALC861, ALC260,
ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
```

```
       1.) Customization.

      For New architecture:
       1.) Customization .
       2.) Add ALC888 .

      CPL :
       1.) Customization.

      InstallShield package :

  WDM driver for Win2000/WinXP                        : 5.10.0.5247
  WDM driver for Winx64                               : 5.10.0.5247
  Realtek Soundman                                    : 1.0.0.28
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.62
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.5.9
  Alcwzrd.exe                                         : 1.1.0.35
  Driver Setup Program                                : 2.06

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.35
  RtkHDAud.sys Version: 5.10.0.5242
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

       InstallShield package :

  WDM driver for Win2000/WinXP                        : 5.10.0.5242
  WDM driver for Winx64                               : 5.10.0.5242
  Realtek Soundman                                    : 1.0.0.28
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.62
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.5.4
  Alcwzrd.exe                                         : 1.1.0.35
  Driver Setup Program                                : 2.06

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
```

```
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.34
  RtkHDAud.sys Version: 5.10.0.5233
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .
        2.) Fixed Adobe Premiere Pro 1.5 Crash issue .

       CPL :
        1.) Customization.

       InstallShield package :
        1.) Rtlupd termination return error code .
        2.) Receive error code rule from Rtlupd SetupAPI .
        3.) SetupCopyOEM install rule .

  WDM driver for Win2000/WinXP                        : 5.10.0.5233
  WDM driver for Winx64                               : 5.10.0.5233
  Realtek Soundman                                    : 1.0.0.28
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.62
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.4.9
  Alcwzrd.exe                                         : 1.1.0.35
  Driver Setup Program                                : 2.06

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.33
  RtkHDAud.sys Version: 5.10.0.5229
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

       InstallShield package :
        1.) Bus driver detect issue .
```

```
  WDM driver for Win2000/WinXP                          : 5.10.0.5229
  WDM driver for Winx64                                 : 5.10.0.5229
  Realtek Soundman                                      : 1.0.0.28
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.61
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.0.4.7
  Alcwzrd.exe                                           : 1.1.0.34
  Driver Setup Program                                  : 2.05

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.32
  RtkHDAud.sys Version: 5.10.0.5224
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .

       CPL :
        1.) Customization.

       InstallShield package :
        1.) Report installation progress and result to "C:\RTHSetup.log" within
silent mode .
        2.) Rtlupd setup API will not appear message dialog in silent mode .

  WDM driver for Win2000/WinXP                          : 5.10.0.5224
  WDM driver for Winx64                                 : 5.10.0.5224
  Realtek Soundman                                      : 1.0.0.28
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.61
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.0.4.4
  Alcwzrd.exe                                           : 1.1.0.34
  Driver Setup Program                                  : 2.04

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.31
  RtkHDAud.sys Version: 5.10.0.5221
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC885, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
```

```
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .
        2.) Add ALC885 HD Audio Codec for WHQL .

       CPL :
        1.) Customization.

       InstallShield package :

  WDM driver for Win2000/WinXP                        : 5.10.0.5221
  WDM driver for Winx64                               : 5.10.0.5221
  Realtek Soundman                                    : 1.0.0.27
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.60
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.4.2
  Alcwzrd.exe                                         : 1.1.0.33
  Driver Setup Program                                : 2.03

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.30
  RtkHDAud.sys Version: 5.10.0.5211
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization .
        2.) Bug fixed when recording AEC device failed on 880 .

       CPL :
        1.) Customization.

       InstallShield package :

  WDM driver for Win2000/WinXP                        : 5.10.0.5211
  WDM driver for Winx64                               : 5.10.0.5211
  Realtek Soundman                                    : 1.0.0.24
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.8
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.58
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.3.9
  Alcwzrd.exe                                         : 1.1.0.31
  Driver Setup Program                                : 2.03
```

```
  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.29
  RtkHDAud.sys Version: 5.10.0.5202
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization.

       CPL :
        1.) Customization.

       InstallShield package :

  WDM driver for Win2000/WinXP                        : 5.10.0.5202
  WDM driver for Winx64                               : 5.10.0.5202
  Realtek Soundman                                    : 1.0.0.21
  Realtek Sound Effect Manager(ALSndMgr.cpl)          : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)          : 1.0.0.7
  Realtek Sound Effect Manager(RtlCpl)                : 1.0.1.54
  Realtek Sound Effect Manager(RTHDCPL)               : 2.0.3.4
  Alcwzrd.exe                                         : 1.1.0.29
  Driver Setup Program                                : 2.02c

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.28
  RtkHDAud.sys Version: 5.10.0.5200
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization.
        2.) Add ALC265 .

       CPL :
        1.) Side speaker testing has no sound when 3D engine is disabled.

       InstallShield package :
        1.) Add Chipset ID VEN_1002&DEV_4383 .
```

```
  WDM driver for Win2000/WinXP                          : 5.10.0.5200
  WDM driver for Winx64                                 : 5.10.0.5200
  Realtek Soundman                                      : 1.0.0.21
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.7
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.53
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.0.3.2
  Alcwzrd.exe                                           : 1.1.0.28
  Driver Setup Program                                  : 2.02c

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.27
  RtkHDAud.sys Version: 5.10.0.5188
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization.

       InstallShield package :
           Fix :
             1. Add installation file "RTHDAEQ*.dat" .
             2. Add Package version in setup.ini .
             3. Manual installation setting for InstallShield .

  WDM driver for Win2000/WinXP                          : 5.10.0.5188
  WDM driver for Winx64                                 : 5.10.0.5188
  Realtek Soundman                                      : 1.0.0.21
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.7
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.53
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.0.2.6
  Alcwzrd.exe                                           : 1.1.0.28
  Driver Setup Program                                  : 2.02a

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.26
  RtkHDAud.sys Version: 5.10.0.5178
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
```

```
        1.) Customization.

       For New architecture:
        1.) Customization.

       InstallShield package :
           Fix :
             1. Set rebooting twice for installation UAA QFE on Win2000 .

  WDM driver for Win2000/WinXP                          : 5.10.0.5178
  WDM driver for Winx64                                 : 5.10.0.5178
  Realtek Soundman                                      : 1.0.0.21
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.6
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.52
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.0.2.1
  Alcwzrd.exe                                           : 1.1.0.28
  Driver Setup Program                                  : 2.00

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.25
  RtkHDAud.sys Version: 5.10.0.5172
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
        1.) Customization.

       InstallShield package :
           Fix :
             1. Rtlupd.exe(2.5.0.5) fixed roll-back problem ( It can not delete
oem.inf file before update driver ).
             2. Change Azalia name in setup.ini file .
             3. Don't popup Rtlupd dialog when you select "No" on Hotfix
installation dialog .
           Add :
             1. System language identifier .
             2. Change pop-up dialog Product name ( Azalia->High Definition ) .

  WDM driver for Win2000/WinXP                          : 5.10.0.5172
  WDM driver for Winx64                                 : 5.10.0.5172
  Realtek Soundman                                      : 1.0.0.21
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.10
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.6
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.51
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.0.1.7
  Alcwzrd.exe                                           : 1.1.0.27
```

```
  Driver Setup Program                                  : 1.99

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.24
  RtkHDAud.sys Version: 5.10.0.5152
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
         1.) Customization.
         2.) Support 192KHz sample rate output.

       InstallShield package :
           Fix :
             1. Reboot timing after installation MS QFE ( UAA driver ) .
             2. Uninstallation dialog description .
           Add :
             1. MS hotfix KB901105 can be included by HD pcakage ( If get MS
licence ) .
             2. Hotfix KB901105 Warning message .

  WDM driver for Win2000/WinXP                          : 5.10.0.5152
  WDM driver for Winx64                                 : 5.10.0.5152
  Realtek Soundman                                      : 1.0.0.18
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.7
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.4
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.46
  Realtek Sound Effect Manager(RTHDCPL)                 : 2.0.0.8
  Alcwzrd.exe                                           : 1.1.0.24
  Driver Setup Program                                  : 1.96

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.23
  RtkHDAud.sys Version: 5.10.0.5136
    1. Codec Supporting: ALC880, ALC882, ALC883, ALC861, ALC260, ALC262
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
         1.) Customization.
         2.) Support new codec ALC262, ALC883
```

```
       InstallShield package :
         1.) Check OS service pack number with InstallShield .
         2.) Change audio wizard quitting procedure .

  WDM driver for Win2000/WinXP                          : 5.10.0.5136
  WDM driver for Winx64                                 : 5.10.0.5136
  Realtek Soundman                                      : 1.0.0.17
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.7
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.4
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.43
  Realtek Sound Effect Manager(RTHDCPL)                 : 1.1.2.3
  Alcwzrd.exe                                           : 1.1.0.23
  Driver Setup Program                                  : 1.92

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.22
  RtkHDAud.sys Version: 5.10.0.5128
    1. Codec Supporting: ALC880, ALC882, ALC861, ALC260
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
         1.) Customization.

       InstallShield package :
         1.) Setup progress backward .
         2.) Driver size on Add and remove programs .
         3.) Refresh driver size on Add and Remove Programs .
         4.) Check RtlExupd.dll version .
         5.) Check RtlHDCpl.exe version .

  WDM driver for Win2000/WinXP                          : 5.10.0.5128
  WDM driver for Winx64                                 : 5.10.0.5128
  Realtek Soundman                                      : 1.0.0.17
  Realtek Sound Effect Manager(ALSndMgr.cpl)            : 1.0.0.7
  Realtek Sound Effect Manager(RTSndMgr.cpl)            : 1.0.0.4
  Realtek Sound Effect Manager(RtlCpl)                  : 1.0.1.40
  Realtek Sound Effect Manager(RTHDCPL)                 : 1.1.1.9
  Alcwzrd.exe                                           : 1.1.0.20
  Driver Setup Program                                  : 1.91

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.21
```

```
  RtkHDAud.sys Version: 5.10.0.5127
    1. Codec Supporting: ALC880, ALC882, ALC260
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
         1.) Customization.
         2.) Support DTS Encoder and DTS Neo for special version codec .

  SoundMan.exe Version: 1.0.0.17
  ALSndMgr.cpl Version: 1.0.0.7
  Rtlcpl.exe Version: 1.0.1.40
  Alcwzrd.exe Version: 1.1.0.20

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.20
  RtkHDAud.sys Version: 5.10.0.5125
    1. Codec Supporting: ALC880, ALC882, ALC260
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1.) Customization.

       For New architecture:
         1.) Customization.
         2.) Fixed the issue of SPDIF-In capture

  SoundMan.exe Version: 1.0.0.17
  ALSndMgr.cpl Version: 1.0.0.7
  Rtlcpl.exe Version: 1.0.1.40
  Alcwzrd.exe Version: 1.1.0.20

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.19
  RtkHDAud.sys Version: 5.10.0.5123
    1. Codec Supporting: ALC880, ALC882, ALC260
    2. OS Supporting: Microsoft Windows XP, Windows 2000, Winx64
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1. Customization.
        2. Avoid Pop noise when toggle output sampling rate for ALC260.
        3. Restore the original timer resolution first before check the original
system timer resolution.
```

```
       For New architecture:
         1.) Customization.
         2.) Driver store mixer setting after windows reboot

  SoundMan.exe Version: 1.0.0.14
  ALSndMgr.cpl Version: 1.0.0.5
  Rtlcpl.exe Version: 1.0.1.39
  Alcwzrd.exe Version: 1.1.0.19

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.18
  RtkHDAud.sys Version: 5.10.0.5122
    1. Codec Supporting: ALC880, ALC882, ALC260
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1. Customization.
        2.Add 2 default values of codec subsystem ID for ALC260.

       For New architecture:
         1.) Customization.
         2.) Fixed the issue of uncontinuous sound after suspend on some
machine.

  SoundMan.exe Version: 1.0.0.14
  ALSndMgr.cpl Version: 1.0.0.5
  Rtlcpl.exe Version: 1.0.1.38
  Alcwzrd.exe Version: 1.1.0.18

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.17
  RtkHDAud.sys Version: 5.10.0.5120
    1. Codec Supporting: ALC880, ALC882, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
        1. Customization.
        2. Restore certain register value when resume from system suspend.

       For New architecture:
         1.) Customization.
         2.) Improve reliability for switching multiple streaming.

  SoundMan.exe Version: 1.0.0.14
  ALSndMgr.cpl Version: 1.0.0.5
  Rtlcpl.exe Version: 1.0.1.38
```

```
  Alcwzrd.exe Version: 1.1.0.18

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.16
  RtkHDAud.sys Version: 5.10.0.5119
    1. Codec Supporting: ALC880, ALC882, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio UAAV1.0a(5013)
    4. Add/Fix
       1. Customization.
       2. Fix initial noise issue for the certain models.
       3. Check codec SubsystemID verb to decide the driver path when driver
initialize.
       4. Don't modify Configuration byte Verbs when driver initialize.
       5. Fix Buffer size un-alignment issue.

       For New architecture:
         1.) Customization.
         2.) Fix the problem when play AC-3 stream by SPDIF interface
         3.) Change device name for multiple streaming issue.

  SoundMan.exe Version: 1.0.0.14
  ALSndMgr.cpl Version: 1.0.0.5
  Rtlcpl.exe Version: 1.0.1.38
  Alcwzrd.exe Version: 1.1.0.17

  Operate on :
    Microsoft High Definition Audio Driver Package - KB888111
      Package file version (kb888111.exe) : 6.1.22.0
      Hdaudiobus.sys version : 5.10.00.5013
//=================
Driver Package R1.15
  RtkHDAud.sys Version: 5.10.0.5116
    1. Codec Supporting: ALC880, ALC882, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio UAAV1(5011)
    4. Add/Fix
       1.) Customization.
       2.) Auto lock SPDIF-in signal when SPDIF-in signal is unlocked.
       3.) Fix SPDIF out copy protection issue.
       4.) Add patch code for ALC260 potential risk.

       For New architecture:
         1.) Customization.
         2.) Fix new feature problem on multiple streaming.
         3.) Fix capture problem on ALC882.

  SoundMan.exe Version: 1.0.0.14
  ALSndMgr.cpl Version: 1.0.0.5
  Rtlcpl.exe Version: 1.0.1.38
```

```
  Alcwzrd.exe Version: 1.1.0.17

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5011
//=================
Driver Package R1.14
  RtkHDAud.sys Version: 5.10.0.5109
    1. Codec Supporting: ALC880, ALC882, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio UAAV1(5011)
    4. Add/Fix
       1.) Customization.
       2.) Reduce delay time when volume is adjusted.
       3.) Fix hang up issue when system resume from S3.

       For New architecture:
         1.) New architecture of HD audio driver formal release.

  SoundMan.exe Version: 1.0.0.14
  ALSndMgr.cpl Version: 1.0.0.4
  Rtlcpl.exe Version: 1.0.1.37
  Alcwzrd.exe Version: 1.1.0.16

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5011
//=================
Driver Package R1.13
  RtkHDAud.sys Version: 5.10.0.5038
    1. Codec Supporting: ALC880, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio UAAV1(5011)
    4. Add/Fix
     1) Reduce initialize noise

  SoundMan.exe Version: 1.0.0.14
  ALSndMgr.cpl Version: 1.0.0.5
  Rtlcpl.exe Version: 1.0.1.36
  Alcwzrd.exe Version: 1.1.0.15

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5011
//=================
Driver Package R1.12
  RtkHDAud.sys Version: 5.10.0.5037
    1. Codec Supporting: ALC880, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio UAAV1(5011)
    4. Add/Fix
```

```
     1) Improve recording performance.
     2) Reduce initialize noise

  SoundMan.exe Version: 1.0.0.14
  ALSndMgr.cpl Version: 1.0.0.5
  Rtlcpl.exe Version: 1.0.1.36
  Alcwzrd.exe Version: 1.1.0.15

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5011
//=================
Driver Package R1.11
  RtkHDAud.sys Version: 5.10.0.5036
    1. Codec Supporting: ALC880, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio UAAV1(5011)
    4. Add/Fix

  SoundMan.exe Version: 1.0.0.14
  ALSndMgr.cpl Version: 1.0.0.5
  Rtlcpl.exe Version: 1.0.1.35
  Alcwzrd.exe Version: 1.1.0.15

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5011
//=================
Driver Package R1.10
  RtkHDAud.sys Version: 5.10.0.5034
    1. Codec Supporting: ALC880, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio UAAV1(5011)
    4. Add/Fix
     1) Fix the problem that there is little noise when start stream playing
     2) Fix the problem that in WinDVD, the SPDIF option still exist even
        there is no SPDIF


  SoundMan.exe Version: 1.0.0.14
   1.Set the default recording device as "Realtek HD Audio rear input" device

  ALSndMgr.cpl Version: 1.0.0.5

  Rtlcpl.exe Version: 1.0.1.34

  Alcwzrd.exe Version: 1.1.0.15
   1.Keep previous Jack setting.
   2.Check whether have any jack plugin when restart OS,and popup the
     device window if wizard detect any new device plugin.

  Operate on :
```

```
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5011
//=================
Driver Package R1.09
  RtkHDAud.sys Version: 5.10.0.5033
    1. Codec Supporting: ALC880, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio OOB Binaries V1.0

  SoundMan.exe Version: 1.0.0.14
    1.Set the default recording device as "Realtek HD Audio rear input" device

  ALSndMgr.cpl Version: 1.0.0.5
  Rtlcpl.exe Version: 1.0.1.33
  Alcwzrd.exe Version: 1.1.0.14

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5010
//=================
Driver Package R1.08
  RtkHDAud.sys Version: 5.10.0.5032
    1. Codec Supporting: ALC880, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio OOB Binaries V1.0

  SoundMan.exe Version: 1.0.0.12
  ALSndMgr.cpl Version: 1.0.0.5
  Rtlcpl.exe Version: 1.0.1.33
  Alcwzrd.exe Version: 1.1.0.14

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5010
//=================
Driver Package R1.07
  RtkHDAud.sys Version: 5.10.0.5031
    1. Codec Supporting: ALC880, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio OOB Binaries V1.0
    4. Add/Fix
     1) Fix the problem when playback with sound recorder, when change frequency
        from 48k to 44.1k in SPDIF page, playback will stop
     2) Support for ALC880G, ALC880D, ALC260D
     3) Fix the problem that system will hang up while perform audio test
        in 3DMark 2003

  SoundMan.exe Version: 1.0.0.12
  ALSndMgr.cpl Version: 1.0.0.5

  Rtlcpl.exe Version: 1.0.1.32
```

```
  1.Fix word collision problem in Multi-Language.

  Alcwzrd.exe Version: 1.1.0.13
  1.Restore previous jack setting when reboot system.

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5010
//=================
Driver Package R1.06
  RtkHDAud.sys Version: 5.10.0.5030
    1. Codec Supporting: ALC880, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio OOB Binaries V1.0
    4. Add/Fix

  SoundMan.exe Version: 1.0.0.12
  ALSndMgr.cpl Version: 1.0.0.3
  Rtlcpl.exe Version: 1.0.1.31
  Alcwzrd.exe Version: 1.1.0.12

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5010
//=================
Driver Package R1.05
  RtkHDAud.sys Version: 5.10.0.5029
    1. Codec Supporting: ALC880, ALC260, ALC861
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio OOB Binaries V1.0
    4. Add/Fix
     1) Add support for ALC861
     2) Fix the noise problem that when recording from SPDIF In at 96khz

  SoundMan.exe Version: 1.0.0.12
  ALSndMgr.cpl Version: 1.0.0.5
  Rtlcpl.exe Version: 1.0.1.31
  Alcwzrd.exe Version: 1.1.0.12

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5010
//=================
Driver Package R1.04
  RtkHDAud.sys Version: 5.10.0.5028
    1. Codec Supporting: ALC880, ALC260
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio OOB Binaries V1.0
    4. Add/Fix
     1) For UAJ A to A volume line, change type from KSNODETYPE_MICROPHONE
        to KSNODETYPE_ANALOG_CONNECTOR
```

```
      2) Fix the problem that SPDIF out no sound in WinDVD
      3) Fix the problem that there is balance control in Center and
         Subwoofer volume line in W2k
      4) Change the component type of SPDIF-In from "KSNODETYPE_ANALOG_CONNECTOR"

         to "KSNODETYPE_SPDIF_INTERFACE"
      5) Fix the problem that mute SPDIF out in mixer doesn't work

  SoundMan.exe Version: 1.0.0.12
  ALSndMgr.cpl Version: 1.0.0.3

  Rtlcpl.exe Version: 1.0.1.31
   1.Turn off all sound effect when speaker test!

  Alcwzrd.exe Version: 1.1.0.12

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5010

//=================
Driver Package R1.03
  RtkHDAud.sys Version: 5.10.0.5027
  SoundMan.exe Version: 1.0.0.4
  ALSndMgr.cpl Version: 1.0.0.2

  Rtlcpl.exe Version: 1.0.1.29
   1.Sync the status which Enable/Disable wizard with alcwzrd
   2.Make the tab of "Audio Wizard" independent from  menu tabs.
   3.Stop the play sound when menu tab is change.

  Alcwzrd.exe Version: 1.1.0.12
    1.Fixed broken wizard image.
    2.Sync the status which Enable/Disable wizard with rtlcpl.

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5010

//=================
Driver Package R1.01/R1.02
  RtkHDAud.sys Version: 5.10.0.5022
    1. Codec Supporting:
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio OOB Binaries V1.0
    4. Add/Fix

  SoundMan.exe Version: 1.0.0.4
  ALSndMgr.cpl Version: 1.0.0.2
  Rtlcpl.exe Version: 1.0.1.23

  Alcwzrd.exe Version: 1.1.0.5
```

```
  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5010

//=================
Driver Package R1.0
  RtkHDAud.sys Version: 5.10.0.5017
    1. Codec Supporting: Add ALC880/ALC880M Rev.F Rev.G, ALC860
    2. OS Supporting: Microsoft Windows XP, Windows 2000
    3. Pack with Microsoft High Definition Audio OOB Binaries V1.0
    4. Add/Fix

  SoundMan.exe Version: 1.0.0.4
  ALSndMgr.cpl Version: 1.0.0.2
  Rtlcpl.exe Version: 1.0.1.23

  Alcwzrd.exe Version: 1.1.0.5

  Operate on :
    Microsoft High Definition Audio Driver Package - KB835221
      Package file version (kb835221.exe) : 6.1.1.0
      Hdaudiobus.sys version : 5.10.00.5010
```