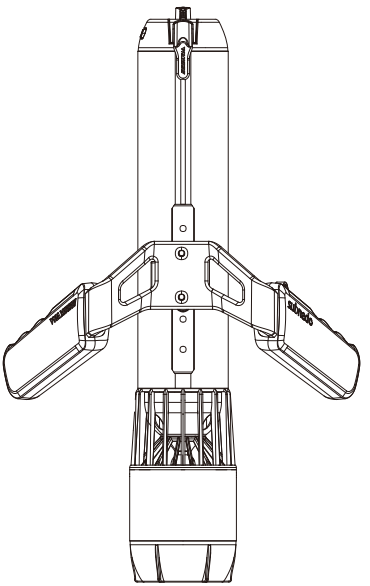
suinado

USER GUIDE|MANUAL|SAFETY

V2.0 2022.12



WAYDOO

Contents

Read and understand this user manual and all safety instructions before using this product.

I Disclaimer 02

II Overview 03
2.1 Brief Introduction 03
2.2 Safety Guidelines 03

III Waydoo Subnado 04
3.1 Product Diagram 04
3.2 Product Specifications 04

IV Charging 05
4.1 How to charge Subnado 05
4.2 Reverse charging function 05

V Assembly Steps 06

VI How to use 15

VII Product Specifications 16

VIII Error and Tone Indication 17
8.1 Error indication and solution 17
8.2 Tone Indication 19

XI Maintenance 20
9.1 Cleaning after use 20
9.2 Storage 20

Warranty Terms 21

To provide better after-sales service, Waydoo invites you to download Waydoo App and register your Subnado. After successful registration, you will get a 3-month extended warranty for free. Also, you may conveniently submit a warranty claim through the Waydoo App.

Waydoo App Android

Waydoo App iOS

I Disclaimer

Please fully read this product manual and related warnings and Safety Guidelines carefully before use. Please fully understand your legal rights, responsibilities, and safety instructions. This product is an underwater scooter. Improper use may cause the risk of severe injury or death. USE THIS PRODUCT AT YOUR OWN RISK. Users must understand and accept the inherent risks of using this product. Any misuse of this product may cause personal injury or property/product damage. When using this product, please be sure to use original accessories or Waydoo certified accessories. By using this product, you are deemed to have accepted the terms and content of this document in its entirety. Users are responsible for their actions and all consequences. As the developer of this product, Waydoo reserves the right to change components, specifications, or other information without prior notice. For the latest information, please visit www.waydootech.com

WARNING: Minors under 16 year of age must be good swimmers and accompanied by a competent guardian who is fully familiar with this product and this manual, including the Safety Guidelines. The Safety Guidelines contain only partial knowledge of operating safety and must be understood in connection with general safety knowledge and common sense. Please be sure to carefully read the Disclaimer's contents and the Safety Guidelines. Read the user manual carefully to familiarize yourself with the product's functions before use. Failure to operate this product properly may cause serious injury to yourself or others and damage the product and property. This product requires users to be fully familiar with it before use. Users need to learn about the product before operating. Never use any parts that are damaged, in need of maintenance or not supplied or recommended by Waydoo. Please strictly follow Waydoo instructions for installation and use. This document contains safety instructions, operation information, maintenance, etc. Please be sure to read all instructions and warnings carefully before assembling, setting up, and using.

FCC Cautions:
This device complies with part 15 of the FCC Rules .Operation is subject to the following three conditions:
(1)This device may not cause harmful interference.
(2)This device must accept any interference received,including interference that may cause undesired operation.
Shenzhen Waydoo Intelligence Technology Co.,Ltd.
MADE IN CHINA
(3)Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user' s authority to operate the equipment.

II Overview

2.1 Brief Introduction

Established in 2018, Shenzhen Waydoo Intelligence Technology Co.,Ltd. is a high-tech enterprise integrating research and development, production, and sales of water sports high-tech products. With the experience of the R&D team and technological expertise, Waydoo launched the first underwater scooter, Waydoo Subnado, through several technical innovations. Subnado adopts an advanced built-in battery design, integrating a 98Wh lithium battery, brush-less motor, motor drive, control and charging circuit inside an aluminum cylinder with a diameter of only 60mm, which significantly reduces the volume of the product. Across the industry, Subnado is the first to use the USB-C charging system, which supports fast charging protocols such as PD 3.0 and charges up to 100W for fast charging and charging other USB devices. The power system adopts the form of a small diameter water jet that achieves propulsion efficiency while obtaining up to 6.5 kg thrust. The compact size and portability make it ideal for travel. Waydoo provides users with various accessories, such as board and arm accessories. With the board accessories, users can leverage the Subnado for propulsion power to suit a variety of scenarios. Users can fix the Subnado on the arm without occupying both hands with the arm accessories, which is convenient to use underwater. The quick-release & installation system design enables users to switch between multiple scenarios. The Subnado provides you with the perfect experience underwater.

2.2 Safety Guidelines

▶ Failure to follow these Safety Guidelines and warnings may result in serious injury or death.

1) Minors under 16 year of age must be accompanied by a guardian when using this product.
2) Please refer to the user manual and watch the tutorial videos carefully before using this product.
3) Do not use this product if you are under the influence of alcohol/drugs, or not physically or mentally fit for swimming, snorkeling, diving, or other water sports.
4) Keep the product away from fire. Avoid heavy pressure, squeezing and dropping.
5) Only operate this product underwater. Do not let the motor run in the air for more than 10 secs.
6) The ambient temperature for using this product is 0°C ~ 40°C (32°F ~ 104°F). The ambient temperature condition of storage is -10°C ~ 50°C (14°F ~ 122°F). Keep this product in the shade when not actively using it.
7) Please be sure to keep your fingers, hair, clothes, swimwear, drawstrings, necklaces, jewelry, netting and loose or dangling items away from the propeller during use to avoid personal injury or product damage.
8) Do not use this product in waters with a lot of mud, sand, debris, seaweed and algae, and floating objects to prevent foreign objects from getting into the propeller and damaging the power unit.
9) Before use, please pay attention to the water conditions. Make sure that the water is suitable for water sports activities and for using this product.
10) Before using the product, check carefully whether the product is broken, the waterproof cover is in place, and that the propeller is working normally.
11) When using this product, it is recommended to wear a swimming cap or helmet, avoid wearing loose clothing, and keep a safe distance from others, especially those with long hair or wearing loose clothing.
12) When using this product, please hold the Handle Bracket tightly and not point the front or tail at face, especially the eyes.
13) Do not use a damaged or defective product.
14) Do not use this product until you fully understand the operating procedures and inherent risks.
15) This product contains batteries and intricate integrated circuitry, which means users are not allowed to disassemble or repair it personally to avoid short-circuiting, electric-shock and fire.
16) This product is not a substitute for, or aid in, basic swimming ability.

⚠**WARNING** This product contains an internal lithium-ion battery and therefore encompasses an inherent risk of fire, explosion and/or burns, including chemical burns. Inspect product housing for damage before charging. Never charge product if damaged, or placed near heat or attempt to open the housing/battery compartment.Never charge the battery while it is in, or near, water. Always ensure that the battery connections are dry. Avoid excessive vibration bumping or collision. Keep this product away from volatile substances, acidic materials, sharp objects, or placed under heavy objects. Disposal of products containing lithium-ion batteries require special handling that must be done in accordance with local laws and regulations.
Never placed this product in a fire or furnace.

▶ This is not a lifesaving device or buoyancy aid. Use appropriate equipment such as a wetsuit, approved life vest vast or personal flotation device, and mask when using this product. Check the remaining battery life often so you can return to shallow water before losing battery power.

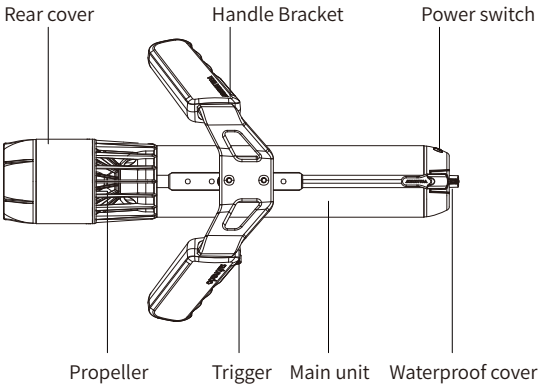
▶ Make sure you have a companion or spotter when using this product.

▶ When using this product, pay attention to the surrounding environment and maintain safe distance from watercraft, other people, animals, plants, obstacles, toys recreational equipment, or floating objects. Do not use this product in bad weather, strong offshore winds, or around hazardous waters, such as riptides, or undercurrents.

⚠If the user lets go of this product during use underwater, it will sink.

III Waydoo Subnado

3.1 Product Diagram



3.2 Product Feature

◆Two-speed thrust: The high and low gear provides two-speed thrust options. Users can switch to the high or low gear by pressing the trigger twice quickly. Users will hear one beep if they successfully switch to low gear or two beeps if they switch to the high gear.

◆Super gear: Quickly press the trigger three times. When hearing three beeps, users successfully switch to super gear; Within 1 minute, press the trigger to start the propeller. The propeller will spin at the maximum speed and provide the ultimate thrust.

Note: After one minute, the unit will automatically exit Super gear and switch to the gear before Super gear. To re-enter Super gear, quickly press the trigger again three times.

Note: The battery SOC should satisfy a specific range to enter the setting gear. (refer to table 1)

Gear	Battery SOC requirement
High gear	＞25%
Super gear	＞37.5%

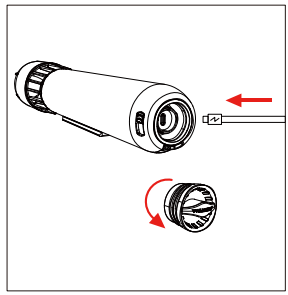
table 1

Note: When the battery SOC is below 25%, it will automatically switch from high gear to low gear. When the battery SOC is below 37.5%, it will automatically exit super gear and switch to high gear.

◆USB-C Fast Charging: Use a standard USB-C charger (PD3.0, QC2.0, QC3.0, BC2.1, and other charging protocols.) to charge Subnado. The maximum charging power input is 100W.
(Note: It needs to be supported by the charger and use of an 100W capable charging cable to reach the maximum charging power).
◆Reverse charging: Subnado can be used as a power source to charge other devices. Reverse charging supports standard protocols such as PD3.0, PPS, QC3.0, QC2.0, and BC1.2. The maximum reverse charging power can reach 100W.
(Note: It needs to be supported by the charging device and use of the e-Mark charging cable to reach 100w charging power)
For a list of compatible chargers tested by Waydoo Lab., please refer to
https://waydootech.com/pages/support
◆Cruise Mode: In this mode, the unit will enter auto cruise after 15-seconds of the propeller's continuous rotation, and users can release the trigger. Pull the trigger again to exit auto cruise.
Note: Starting with firmware version V1.0.73, Subnado will exit the cruise mode by default after shutdown. Reboot for regular mode.
◆Idling protection status: Subnado will significantly slow down to protect the spindle, after a few seconds of operating in the air. Idling protection will not be triggered when the device is working underwater.
Note: Idling protection will continue to be in effect if Subnado is entering cruise mode in the air.

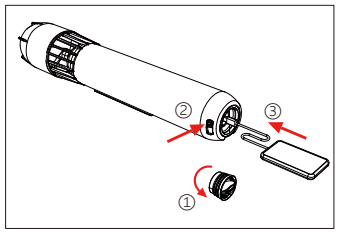
IV Charging

4.1 How to charge Subnado



1. Select a charger that supports PD protocol to speed up charging.
2. Open the waterproof cover (facing down to prevent water from falling in). Check for moisture around and inside the USB-C port. If there is water, it needs to be dried first; if there is seawater, it must be thoroughly cleaned with alcohol. After confirming that there is no abnormality, insert the USB-C charging cable to start charging.
3. During the charging process, the power indicator is displayed circularly in the form of a marquee, and the number of lights indicates the current power.
4. The speed of the marquee indicates the charging speed; the faster the marquee speeds, the faster the charging is.
Note: A humidity-sensing sticker is attached to the USB-C port. The sticker turning from white to red indicates moisture exists in the USB-C port. Please dry the port with a cotton swab or tissue first before placing the device upside down on its front end. Please contact Waydoo After-sales Team for support if necessary.

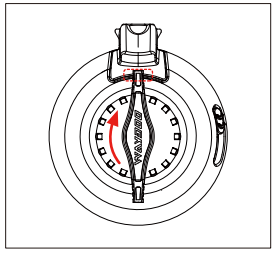
4.2 Reverse charging function



1. Open the waterproof cover (make sure that no water enters inside the USB-C plug or remains on the surface).
2. Power on the Subnado first, then plug in the USB-C cable. Connect the cable to the target device, charging begins. (Note that Subnado needs to be powered on before connecting the device)
3. After charging is completed, unplug the charging cable and turn off the Subnado.
4. Install the waterproof cover.

4.3 Waterproof cover installed securely in place.

1. The waterproof cover keeps water from entering the USB-C port. Improper installation or lack of grease may cause water to enter the USB-C port, and damage to the USB-C port. It is critical to ensure that the USB-C port is free of water. The grease acts as a seal for the waterproof cover. Be sure to install the waterproof cover securely in place to prevent seawater from leaking into the USB-C port and damaging the device.

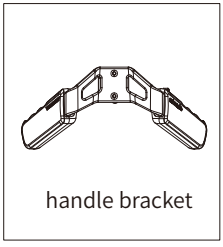


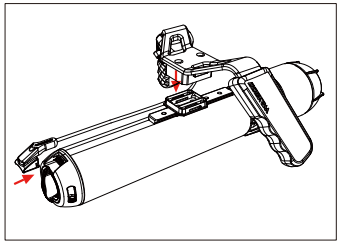
4.4. Reference Charging Time

10W Charger – approx. 10 hours	18-24W Charger – approx. 7 hours
36W Charger – approx. 3.5 hours	45W Charger – approx. 3 hours
60-66W Charger – approx. 2 hours	100W Charger – approx. 1.2 hours

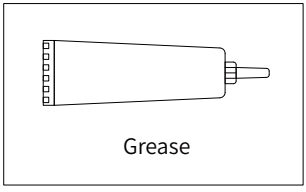
V Assembly Steps

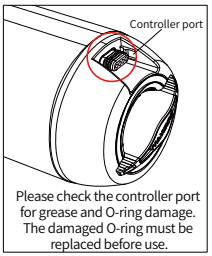
5.1 Install the handle bracket on the main unit, and make sure the Wired Thumb Controller interface aligns with the correct position. (Take the handle bracket as an example)



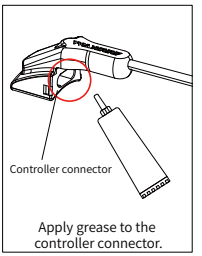


5.2 Instructions for grease

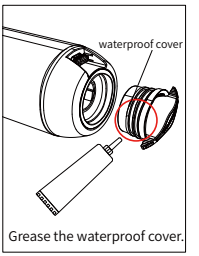




Please check the controller port for grease and O-ring damage. The damaged O-ring must be replaced before use.



Apply grease to the controller connector.



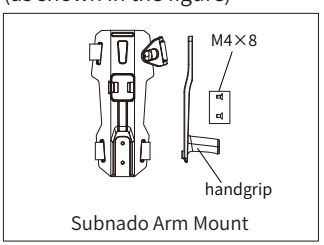
Grease the waterproof cover.

The controller connector is designed to prevent water from entering the connector port. Moisture presenting in the connector port may cause: 1. The motor to run nonstop when the Subnado is switched on. 2. Nonconductive connector or even permanent damage to the Subnado due to corroded connector pins or contacts. Therefore, keeping the connector port dry is critical to using the Subnado.

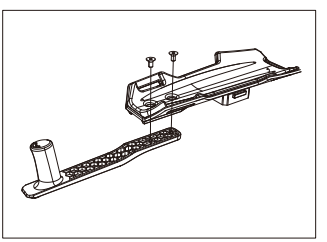
Please carefully read and follow Waydoo' s official checklist and maintenance notes to ensure optimal user experience and product longevity.
Before connecting the controller, please check:
(1) If water is present in the connector. Please wash the connector with running fresh water, clean it with cotton swabs or paper tissue, and air dry before use.
(2) The amount of grease applied to the connector. If insufficient, please add 2-3mm of grease to the connector, plug and unplug multiple times to spread the grease evenly, and ensure the connector securely plugs into the port. Please remove excess grease to prevent insecure connection.
(3) Signs of wear and tear on the connector port O-ring. To maintain waterproofness, please replace the damaged O-ring and make sure it is sufficiently greased.
Notes:
1. If the Subnado is irresponsive after grease application, please consider the following causes and fixes:
(1) Cleaning the corroded copper contacts, if any.
(2) Too much grease to install in place.
(3) Replacing the wired controller if the connector pins are corroded.
2. Please check and apply grease to the O-rings around the waterproof cover to maintain waterproofness.
3. Please unplug and check the wired controller after each use. Please clean and dry the connector if moisture is present inside.

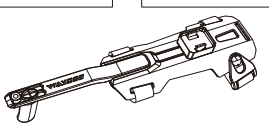
Accessories Use Instruction

Use M4×8 screws to connect handgrip to Arm mount
(as shown in the figure)

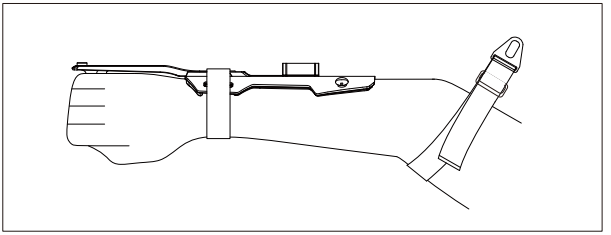


Subnado Arm Mount

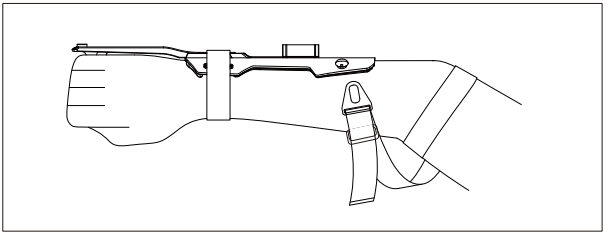



Assembly Completion Figure

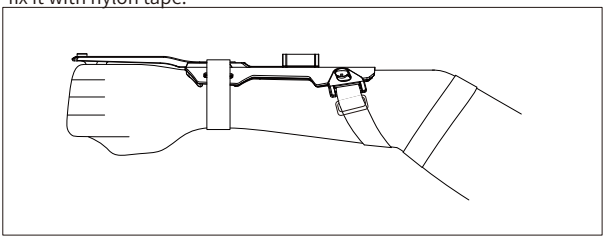
1. Hold the handgrip and place the Arm mount on the outside of the forearm.Wrap the strap around the forearm 1-2 times, depending on the arm circumference.



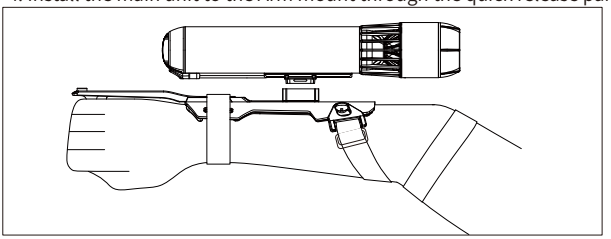
2. Fasten the gourd buckle on one end of the strap.



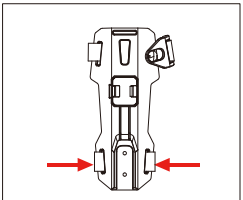
3. According to the forearm circumference, wrap it 2-3 times and finally fix it with nylon tape.



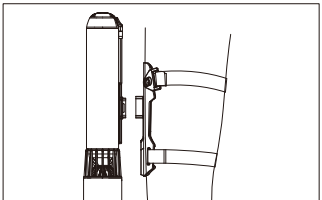
4. Install the main unit to the Arm mount through the quick release part.



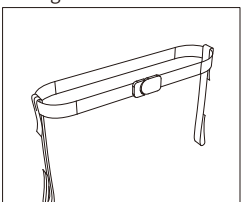
Fix the Subnado leg mount to the outside of the leg. Install the main unit to the leg mount through the quick release part.
Note:Please use the specially designed straps for the leg mount.



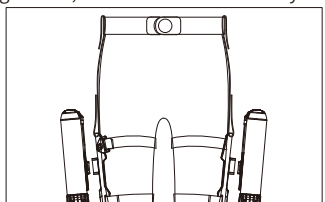
Subnado Leg Mount



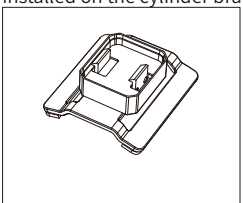
Fasten the belt around the waist. Pass the straps on both sides of the waist belt through the holes above the leg mount, and then fix them with nylon straps.



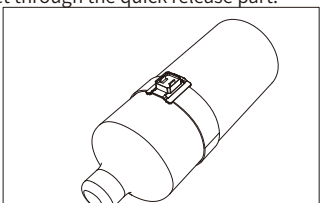
Waist belt



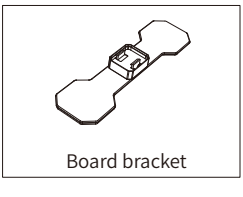
Install the cylinder bracket on the oxygen cylinder, and the main unit can be installed on the cylinder bracket through the quick release part.



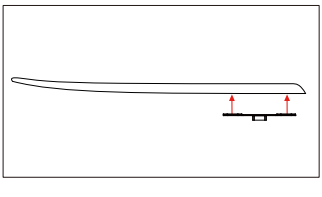
Cylinder bracket

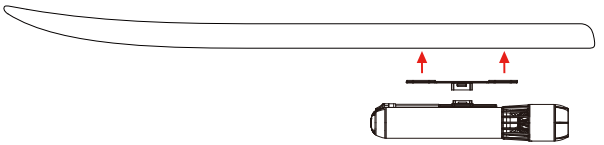


Board bracket



Board bracket





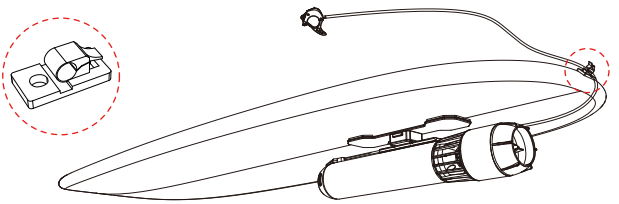
Board Mount Installation:

1.Please confirm that the board surface is clean and even before installation. Please wipe off any dirt or dust, and keep the surface dry.

2.Peel off the protective liner on the board mount' s adhesive pads, attach the mount to the board and firmly press the pads to ensure a tight bond.

3.Let the adhesive cure for half an hour after installation to get a strong bond.

4.Install the Subnado to the board mount through the quick-release clamp. Apply a force of about 70N along the Subnado to check whether the board mount is secure before each use.



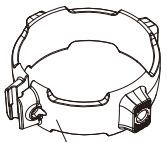
Controller Wire Clip Installation

1.Please confirm that the surface is clean and even before installation. Please wipe off any dirt or dust, and keep the surface dry.

2.Peel off the protective liner on the controller wire clip' s adhesive pad, attach the clip to the board and firmly press it to ensure a tight bond.

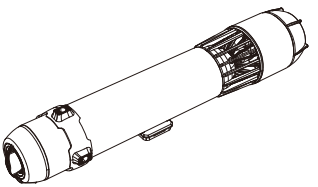
3.Let the adhesive cure for half an hour to get a stronger bond. Please gently rock the clip to check the adhesion security before entering the water.

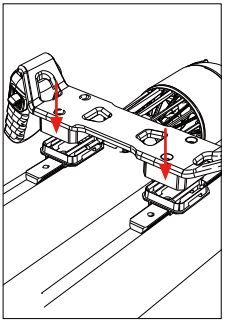
Install the accessories mount on the main unit and tighten the screws to secure.



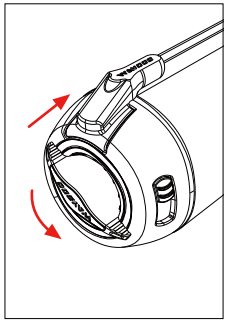
M2.5X10

Subnado
accessories mount

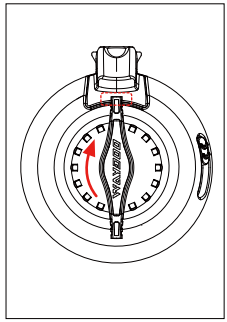




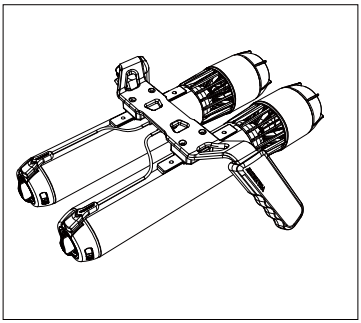
Install the handle bracket on the main unit.



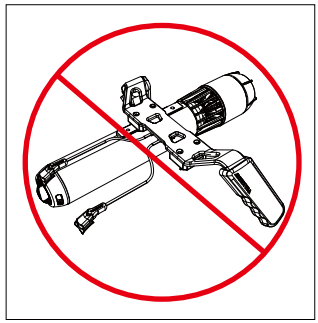
Turn the waterproof cover counterclockwise to the illustrated position. Install the wired thumb controller to the corresponding port.



Tighten the waterproof cover clockwise.

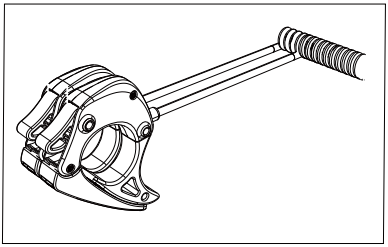


Installation complete.

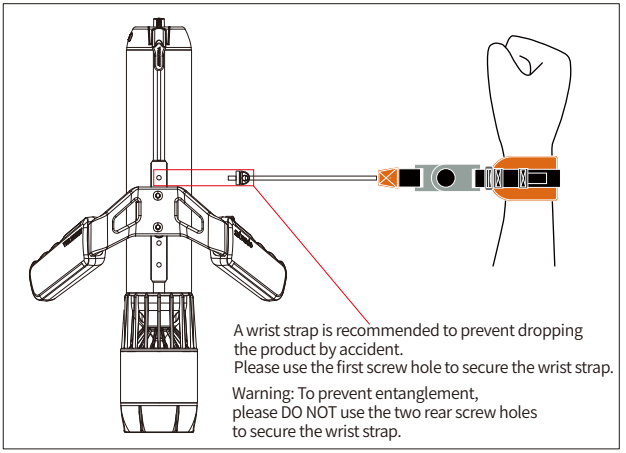


DO NOT use twin handle bracket with a single Subnado.

Note: Please install the wired thumb controller in a dry environment. Please dry the port before installation if it is wet. Please clean and dry the connector and port with cotton swabs or tissue paper before use.
Note: Please fully charge the Subnados before use to avoid imbalanced performance.
Note: Please connect the controllers before using the handle bracket. Please do not submerge the disconnected controller connector and port in sea water to prevent poor controller connection due to corroded pin connector.
Note: Please ensure the Subnados are on the same gear during operation to prevent imbalanced thrust output.



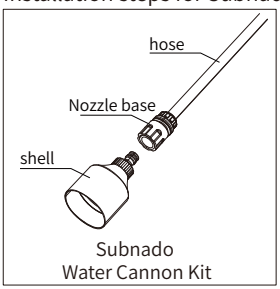
Align the two tiny prongs on a trigger with the round holes of the other trigger, and close them horizontally.
NOTE: If the two triggers are assembled tightly enough, two units can be controlled with the left trigger.



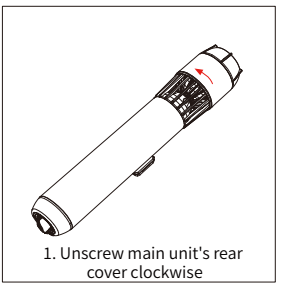
A wrist strap is recommended to prevent dropping the product by accident.
Please use the first screw hole to secure the wrist strap.

Warning: To prevent entanglement, please DO NOT use the two rear screw holes to secure the wrist strap.

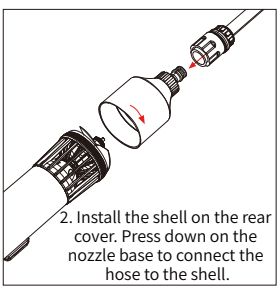
Installation steps for Subnado Water Cannon Kit.



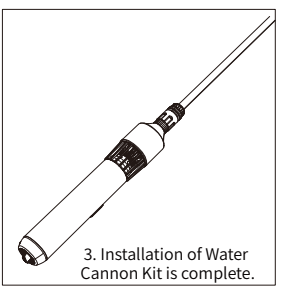
Subnado
Water Cannon Kit



1. Unscrew main unit's rear cover clockwise



2. Install the shell on the rear cover. Press down on the nozzle base to connect the hose to the shell.



3. Installation of Water Cannon Kit is complete.

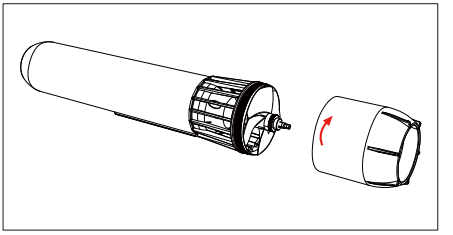
Note: Please turn clockwise and apply force to the unit first. After you feel the obvious two consecutive sudden jumps, it means that the thread is in the best installation position. At this time, apply appropriate force along the motor axis and rotate the shell counterclockwise. Otherwise, it is easy to fail to install or to install crookedly.

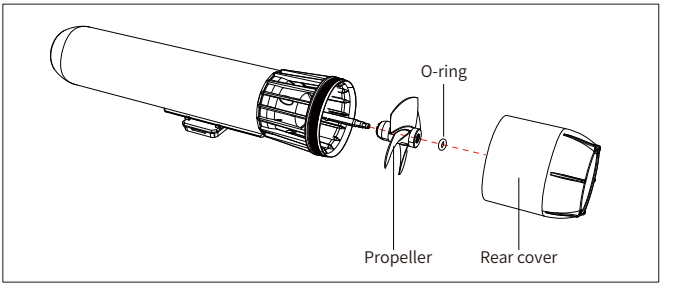
(6) If the users' fingers are relatively slender and are worried about injury during use, they can install the finger safe-guard. The following are the installation steps: (Note: Using a finger safe-guard will increase water resistance, resulting in increased power consumption which affects efficiency and reduces battery life and thrust)

a. Please turn off the main unit first. Unscrew the rear cover of the main unit clockwise, remove the O-ring, and take off the propeller.

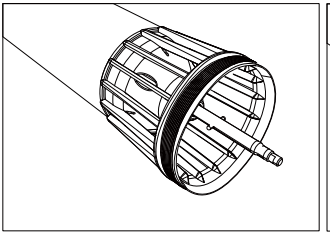


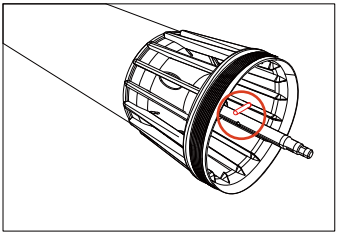
Subnado
Finger safe guard



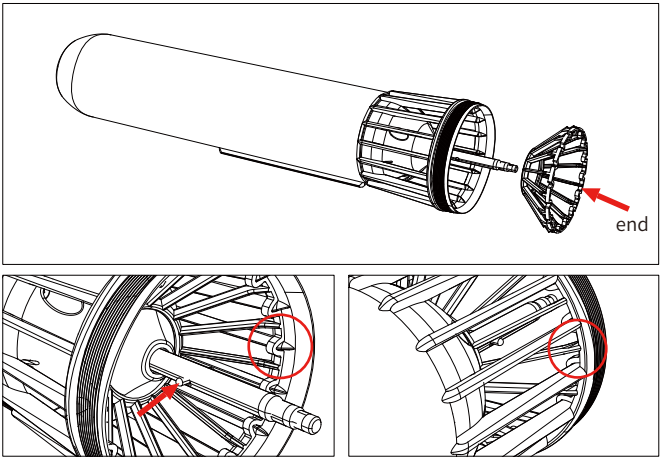


b. Remove the pin



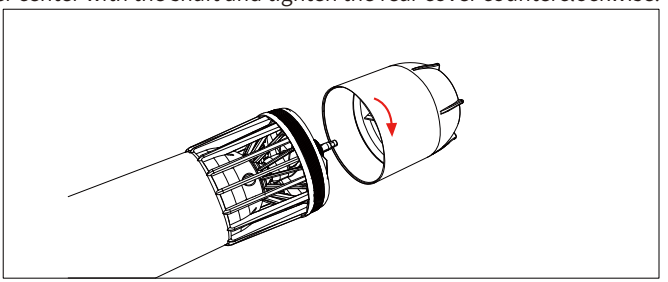


c. Put the finger safe-guard into the groove, press each end of the finger safe-guard into place, and make sure the end of the finger safe-guard is engaged with the notch in the groove (as shown in the figure)



d. Check the grease condition. In case the grease is insufficient, please add grease to the optimal amount. Then install the propeller with the pin is properly seated.

e. After installing the O-ring, check the grease condition. In case the grease is insufficient, please add grease to the optimal amount. Align the rear cover center with the shaft and tighten the rear cover counterclockwise.



For assembling and using other accessories, please refer to the relevant documents on the official website. www.waydootech.com

VI How to use

This product requires users to be fully familiar with it before use, and users need to have basic knowledge before operating. Waydoo hereby strongly recommends that users read and follow each of the steps before use.
1. Check if the waterproof cover is in place (refer to IV - Charging).
2. Check if there is water in the plug, as well as check the grease condition (refer to the installation steps).
3. Press the trigger to confirm normal function, and to check if the throttle control is good.
4. Power on the device, check the battery level (refer to figure 1), and confirm whether the main unit's self-check tone is normal or not.
5. High or low gear can be set with quickly pulling the trigger twice. Quickly pull the trigger three times to engage Super gear. The number of beeps indicates the gear selected. "One beep" prompts to enter the low gear, "Two beeps" to enter the high gear, and "Three beeps" to enter the Super gear.
(Note: The Super gear only maintains for 1 minute. To re-enter Super gear, you need to press the trigger 3 times quickly.)
The Subnado supports two modes. To turn on/off the cruise mode,
simultaneously hold down the trigger and power on the machine.

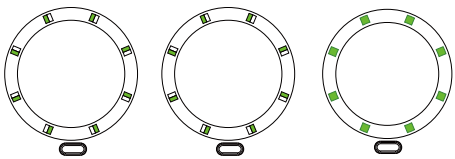
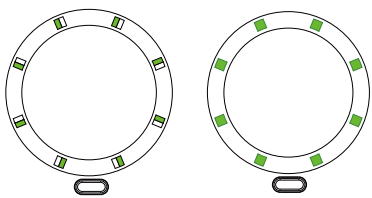
Mode	Regular Working mode
Power-on indication	
	8 LED lights flash twice and shows the battery power level
How it works	Under regular working mode, the propeller rotates when pressing the trigger and stops after releasing.
Mode	Cruise mode
Power-on indication	
	8 LED lights flash once and shows the battery power level
How it works	Under cruise mode, the propeller rotates when pressing the trigger. After 15 seconds, when there is a transient speed change, it enters auto cruise. Users can release the trigger, and the propeller will continue rotating. Press the trigger again, and the propeller will stop rotating and exit the auto cruise.

Figure 1

LED Light	Capacity
	<8%
	8%-18%
	18%-25%
	25%-37.5%
	37.5%-50%
	50%-62.5%
	62.5%-75%
	75%-87.5%
	87.5-100%

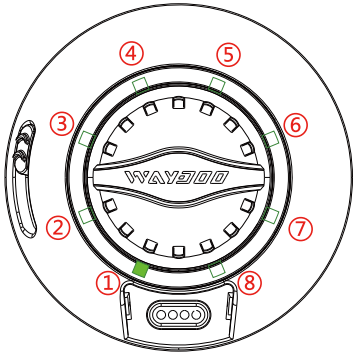
Note: All of the above and below half-segment LED lights represent the flashing LED lights.

VII Product specifications

	Product weight	About 1.4kg
	Product diameter	About 377*60mm (propeller cover：70mm)
	Maximum speed	1.4m/s
	Maximum depth	60m
	Battery life (maximum)	56mins
	Operating temperature	0°C～40°C (32°F~104°F)
	Maximum thrust	6.5kg (1min)
	Accessories Mount	support three 1/4 inch threaded mounting holes
	Charging voltage	5V～20V
	Plug type	USB-C
	Maximum power	100W (PD3.0)
	Charging temperature	0～40°C (32°F~104°F)
	Charging time	1.2H (100W)

Firmware Upgrade:
By downloading the Subnado Upgrade Tool from Waydoo official website's "Download" page, users can upgrade Subnado to the latest firmware for better product experiences.

VIII Error and Tone Indication



LED 1 on the left of the charging port
LED 8 on the right of the charging port

8.1 Error indication and solution

Fault Indicator	Fault	Solution
●●●●●●●◑	Cell under-temperature	Place the main unit in an environment of 10-30 degrees Celsius. Wait for the main unit temperature to rise to a suitable temperature, and the charging will start automatically.
●●●●●●◑◑	Cell over-temperature	1. Stop charging 2. Place the main unit in an environment with a lower room temperature, and wait for the main unit temperature to drop to a suitable temperature, and the fault will disappear.

Fault Indicator	Fault	Solution
	Battery Over-discharge	Please contact Waydoo support team.
	Motor Communication Failure	Update the firmware
	PD Communication Failure	1. Use recommended chargers that meet the published charging protocol requirements, such as a charger that supports PD/QC protocol. 2. If the problem cannot be solved with a new charger, please contact Waydoo support team.
	MCU Overheat	1. Please shut down the device immediately. 2. Place the device in a low temperature environment, and wait for the device to cool down, and the fault light disappears.
	Charging Overheat	1. Please shut down the device immediately. 2. Place the device in a low temperature environment, and wait for the device to cool down, the fault light disappears.

Note: All of the above and below half-segment LED lights represent the flashing LED lights.

8.2 Tone Indication

Tone	Indication
♪ 1 2 3 4	Main unit Self-checking passes
🔊 / 🔊 🔊 / 🔊 🔊 🔊	Gear switch: One beep indicates switching to low gear; Two beeps indicates switching to high gear; Three beeps indicates switching to super gear
🔊- (1s)	Unable to enter the setting gear
🔊-🔊-🔊-🔊-🔊	Remind users to power off the main unit to avoid running out of power (not pressing the trigger within 15 minutes / not charging or charging complete)

Warranty Terms

Limited Warranty
Under this limited warranty policy, Waydoo warrants the original buyer for the warranty period that the product will be free from material and workmanship defects under normal use in accordance with Waydoo Subnado's published product materials. The warranty period is ONE (1) YEAR for specific parts starting from the date you received products. The repair or replacement of parts, under this warranty, does not extend the life of this warranty beyond its original expiration date. Please refer to **Appendix I** for the specific coverage period on each part. If you cannot provide a receipt or other valid proof of purchase, the start date of the warranty period will refer to the dispatch date of the Waydoo products, unless otherwise stipulated by Waydoo.

How Do I Get After-Sales Service?
If a product does not function as guaranteed during the warranty period, you may obtain after-sales service by contacting your local authorized dealer or Waydoo After-Sales Support Team. The e-mail address for after-sales service is support@waydootech.com. Waydoo may not provide after-sales service in some regions. The after-sales service policies may vary from region to region. Charges may apply for services not covered by this Limited Warranty. For information specific to your location, please contact Waydoo or your local authorized dealers.

Request For Warranty Service
Waydoo offers the following warranty services. For more information, please contact Waydoo or an authorized Waydoo dealer. Users may also need to fill out a product warranty card and return the product to be repaired to Waydoo Official or an authorized Waydoo service center with the warranty card, if necessary.
1) Fill out and submit a Warranty Claim Form. Please provide as many photos and videos as possible to help Waydoo AFS accurately assess your request.
2) Once your request is received, Waydoo AFS will contact you via e-mail to offer troubleshooting instructions or request further information.
3) Waydoo AFS will get back to you via e-mail with instructions on what to do next, depending on their findings.

What Should I Do Before Getting Warranty Service?
When reaching out to Waydoo, please provide a detailed description of the product problem. Waydoo technical support representative will attempt to diagnose and resolve the problem via e-mail or remote assistance. If the problem persists, you may need to send the product back to Waydoo or an authorized Waydoo service center for further testing. Waydoo will arrange for repair or replacement under the limited warranty.
Before obtaining warranty service for your product, please read the following terms and conditions.
√ Follow Waydoo's service process;
√ Agree that Waydoo shall not be held responsible for the loss or disclosure of any data, including confidential information, proprietary information, or personal information, contained in the returned product;
√ Provide Waydoo with sufficient and safe access to your product, so Waydoo can provide service as needed;
√ Remove all functional parts, additional parts, alterations, modified parts, and attachments not covered under this limited warranty;
√ Ensure that the product or part is free of any legal restrictions that prevent its replacement;
√ If you are not the owner of a product or part, obtain authorization from the owner for Waydoo to provide warranty service

Replacement Products and Parts
When after-sales service involves the replacement of a product or part, the replacement item becomes your property and the replaced item becomes Waydoo's property. Only unaltered Waydoo products and parts are eligible for replacement. Replacement products or parts may not be new, but they will be in good working order and at least functionally equivalent to the products or parts replaced. A replacement product or part shall be covered for the time remaining in the original product's warranty and bound to a new serial number.

Use of Personal Contact Information and Data
If you obtain service under this policy, you authorize Waydoo to store, use, and process your contact information, including name, phone number, address, and e-mail address. You agree and understand that it is necessary for Waydoo to collect, process and use your data to perform service under this policy. We may contact you for assistance, inquire about your satisfaction with our service, or to notify you about any product recalls or safety issues. To achieve these aims, you authorize Waydoo to transfer your information to any country where we do business and to provide it to entities acting on our behalf. We may also disclose your information where required by law.

What is NOT Covered by This After-Sales Policy?
This policy does not cover the following:
× Parts not specified in the APPENDIX *.
× Changes in appearance or damages caused by normal wear and tear, color change, etc.
× Damage caused by crash, physical impact, or fire resulting from non-manufacturing factors, including but not limited to, user error.
× Damage caused by unauthorized modification, or disassembly not in accordance with official instructions or manuals.
× Damage caused by improper installation, incorrect use, or operation not in accordance with official instructions or manuals.
× Damage caused by cleaning the products or parts not in accordance with official instructions or manuals.
× Damage caused by an unauthorized service provider.
× Damage caused by unauthorized modification of circuits and mismatch or misuse of the battery and charger.
× Damage caused by activities not following official instructions or manuals.
× Damage caused by operating in bad weather (i.e. strong winds, rain, sand/dust storms, direct sunlight, etc.)
× Damage caused by operating in an unsafe or improper environment (i.e. water depth less than 1.2m, water with many gavels, seaweeds and wild animals, rocky water/shore, etc.)
× Damage caused by a forced operation when components have deteriorated or been damaged.
× Damage caused by reliability or compatibility issues when using unauthorized third-party parts.
× Damage caused by operating the unit with a drained or defective battery.
× Further damage caused by the continued use of the product after the warranty claim is submitted or the problem is reported.
× Loss of, or damage to your data by an unauthorized product.
× Waydoo Subnado warranties are non-transferable and are applicable to the original purchaser only.
× Any problem that is determined not a manufacturing defect in material or workmanship after inspection by Waydoo. Or the purchaser is unable to provide valid proof of the issue source.
× Failure of, or damage caused by, any third-party products, including those that Waydoo may provide or integrate into the Waydoo product at your request.
× Products or parts with altered or missing serial number.

Disclaimer

√ Limited Warranty policies and related costs may vary with respect to the local laws or the corresponding Waydoo service availability in different countries/regions where Waydoo product is purchased.

√ You may need to send the faulty product(s) back to Waydoo or a Waydoo-authorized service center. Waydoo will examine the returned product(s) to identify the problem and the responsibility upon receipt of the product(s). If the problem qualifies for service under this Limited Warranty policy, Waydoo will bear the cost for repair or replacement. The customer is responsible for all shipping costs.

√ If Waydoo determines that the issue in question is not covered by this Limited Warranty policy, you will have to apply for Customer Paid Repair Service or request Waydoo to return the product(s). Waydoo will not start repair until you agree to the cost for repair quoted by Waydoo. If you disagree with the repair cost, Waydoo may return the product(s) with you burdening the return shipping cost.

√ Given the variability of Waydoo' s after-sales service policies in different countries/regions, Waydoo does not provide a global warranty. Generally, customers can obtain warranty service only at a designated Waydoo authorized service center in the region where he/she purchases the product(s). However, depending on part availability and inventory status, customers may obtain cross-regional repair service at an additional charge in an authorized repair center. Waydoo will handle the customer's request at its discretion.

√ The customer is responsible for losses incurred from providing an incorrect or invalid delivery address or refusing to sign for the delivery.

√ If you want to send the product back to Waydoo by international transport, you will need to get the consent of Waydoo and bear customs duties, taxes, customs clearance, and other costs incurred in the process.

√ If the product is extremely damaged due to non-manufacturing factors, including but not limited to, crash or physical impact, its performance may be severely affected beyond repair. In this case, Waydoo will not be able to provide the repair service.

√ If the user is located in a region/country where the service is restricted due to force majeure or other objective factors, Waydoo reserves the right to charge a necessary fee.

√ Waydoo reserves the right to refuse providing warranty service if the user is unable to provide sufficient proof with which Waydoo verifies the compliance with the malfunctioning product's limited warranty.

√ Before sending your product for repair, please remove any attached customized decorations and items. Waydoo will not be responsible for any damage or loss that may occur to these customized decorations and attachments.
√ To guarantee your legal rights, please check whether your product is intact (check whether any damage has occurred to your product during transportation) when signing for its delivery. If the product has a defect, please report it to Waydoo within twenty-four (24) hours upon receiving it, or it will be deemed that the product you signed for is intact and fully functional. (According to the Freight Claim Process, damage or defects caused by transport should be reported to Waydoo or related Waydoo authorized service center. An overdue claim will not be accepted.)
√ Waydoo reserves the right to update this policy. Check the official Waydoo website for the latest version.

Limitation of Liability

WHEN RECEIVING SERVICE, WAYDOO IS RESPONSIBLE FOR LOSS OR DAMAGE TO YOUR PRODUCT ONLY WHILE IT IS IN WAYDOO'S POSSESSION OR TRANSIT, IF WAYDOO IS RESPONSIBLE FOR TRANSPORTATION.
WAYDOO IS NOT RESPONSIBLE FOR THE LOSS OR DISCLOSURE OF ANY DATA, INCLUDING CONFIDENTIAL INFORMATION, PROPRIETARY INFORMATION, OR PERSONAL INFORMATION, CONTAINED IN A PRODUCT.
UNDER NO CIRCUMSTANCES, AND NOTWITHSTANDING THE FAILURE OF THE ESSENTIAL PURPOSE OF ANY REMEDY SET FORTH HEREIN, SHALL WAYDOO, ITS AFFILIATES, SUPPLIERS, RESELLERS, OR SERVICE PROVIDERS BE LIABLE FOR ANY OF THE FOLLOWING EVEN IF INFORMED OF THEIR POSSIBILITY AND REGARDLESS OF WHETHER THE CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHER THEORY OF LIABILITY: 1) THIRD PARTY CLAIMS AGAINST YOU FOR DAMAGES; 2) LOSS, DAMAGE OR DISCLOSURE OF YOUR DATA; 3) SPECIAL, INCIDENTAL, PUNITIVE, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, BUSINESS REVENUE, GOODWILL OR ANTICIPATED SAVINGS.
IN NO CASE SHALL THE TOTAL LIABILITY OF WAYDOO, ITS AFFILIATES, SUPPLIERS, RESELLERS, OR SERVICE PROVIDERS FOR DAMAGES FROM ANY CAUSE EXCEED THE AMOUNT OF ACTUAL DIRECT DAMAGES, NOT TO EXCEED THE AMOUNT PAID FOR THE PRODUCT.
THE FOREGOING LIMITATION DOES NOT APPLY TO DAMAGES FOR BODILY INJURY (INCLUDING DEATH), DAMAGE TO REAL PROPERTY OR DAMAGE TO TANGIBLE PERSONAL PROPERTY FOR WHICH WAYDOO IS LIABLE UNDER LAW.
AS SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

Your Other Rights
This Limited Warranty provides you with extra and specific legal rights. You may have other rights according to the applicable laws of your state or jurisdiction. You may also have other rights under a written agreement with Waydoo. Nothing in this Limited Warranty affects your statutory rights, including rights of consumers under laws or regulations governing the sale of consumer products that cannot be waived or limited by agreement.
For other after-sales policy details, technical support, and other requests, please e-mail Waydoo at support@waydootech.com or contact your local authorized dealers.

Appendix I warranty period

Part	Northern America	Europe	Australia	New Zealand	Other countries or areas
Main unit	1 year	2 years	1 year	1 year	1 year
Rear cover	6 months	6 months	6 months	6 months	6 months
Charger	6 months	6 months	6 months	6 months	6 months
Twin Engine Handle Bracket/Handle Bracket/Wired Thumb Controller	6 months	6 months	6 months	6 months	6 months

*The accessories are subject to the packing list of your purchased product.
*The main unit contains only the main control system, motor, and battery.
*Any parts that are not specified in the official warranty key-parts list will not enjoy this limited warranty policy.







Waydoo Technical Support

This guide may be updated without notice.
Check the official Waydoo website for the latest version
www.waydootech.com

XI Maintenance

Improper maintenance, disassembling and repair may cause damage to this product, personal injury, including electric shock, and be deemed a waiver by the purchaser, owner and user of the product warranty as noted in the Warranty Terms and Limitation of Liability sections of this manual.

9.1 Cleaning after use

After each product use, please follow the guidelines to rinse the product to maintain the corrosion resistance and extend the product life. Please follow the principles below:

1) After using the product in seawater, please be sure to rinse the whole unit with fresh water and dry it in time to avoid corrosion of the exterior and discoloration of the body.

2) Before rinsing the body with fresh water, please ensure the waterproof cover is tightened.

3) Always check that no stones, salt, sand, or dirt get into the Subnado when cleaning parts such as connecting parts, propellers, etc. Please clean up those objects which are within easy reach regularly if necessary.

4) If you find any foreign objects wrapped around the propeller, carefully remove the main unit's rear cover and clean.

5) After finishing the cleaning of the main body, please remove the waterproof cover and clean the charging port with clean and dry cotton swabs to ensure that there is no water, sand, or other foreign objects.

6) Please dry the main unit before removing the waterproof cover to avoid seawater dripping inside and damaging the USB-C port. If some water gets into the charging port, dry it in time.

7) If seawater drops in the connector of the wired thumb, use a little fresh water or alcohol to clean it and dry it in time to avoid poor contact caused by corrosion which will affect the subsequent use of the product.

8) If the oxide layer of the shell is accidentally damaged, it should be repaired in time to avoid accelerating the corrosion of the shell.

9.2 Storage

Please follow these storage guidelines:

1) Please ensure the power switch is off and keep the product away from strong magnetic environments, which may power on the main unit and consume battery power.

2) Please ensure that the storage temperature is within the range of -10°C~50°C.

3) Do not store Subnado in humid, direct sunlight and other harsh environments that may cause damage to electronic devices.

4) Do not place Subnado in open flames, and please keep out of reach of minors under the age of 16.

5) Please prevent the battery from being over-discharged due to prolonged non-use before storing the Subnado.

6) If you do not use the product for a long time, you should make sure that the power level is between 50% and 62.5% . At the same time, the unit needs to be charged every three months (charged to 50~62.5%).