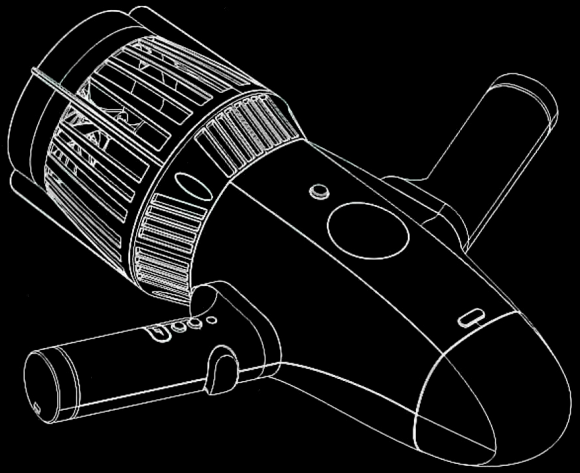
UNDERWATER SCOOTER
USER MANUAL



STERMAY M1Pro

Please read the operation instructions carefully before using this product.
Please operate in the correct way based on complete understanding.

Honor customers

Thank you for you choice STERMAY M1Pro!

STERMAY M1Pro is one type technology products which able to provide thrust power for you under water. It has small body, portable and disassemble structure, easy to carry, use and renewal. Machine body bottom set integrated type outer configured sliding rail, coordinate the switch part according to your requirements, able to carry different outer configure equipment (SUP, sport camera, lighting lamp, etc). OLED display screen on machine able to indicate gear, power, signal and other information.

STERMAY M1Pro provide 3 types different speed for you, easily realize diving, surfing and other water recreational activities ,provide one complete new experience!

Please read this **USER MANUAL** before install and use the product carefully to make you correctly use this product, strictly follow the operation instruction to correctly install and use, avoid incorrectly install and use to caused accidents!

Please safety keep User Operation Instruction for future reference.

Hope you happily operating !

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1. Product overview

STERMAY M1Pro formed with head cover, body, remote handle, handle, propeller and tail cover, the power system integrated into machine body, remote handle set signal remote system. Face of machine set OLED display screen that indicate the signal connection, rest power volume, speed mode and other information.

STERMAY M1Pro able to assort the switch part to connect the over water carriage tools such as canoe to use, also able to carriage underwater sport camera, lighting lamp and other equipment to record the underwater beautiful moment .

2. SAFETY WARNINGS

This operation instruction recorded the correct and safety operating method and other important text contents to avoid it hurt you and caused loss. Icon and diagram explain symbols are help you understand, maybe different to entities. Please read and understand the relate marks and notes carefully before use the Stermay M1Pro, and strictly follow it.

Please safety keep the operation instruction for future reference use.

Model reference for the battery of main unit **M1-01 ,** main part battery charger **XSG2522500** and USB charger **K05S050100G.**

! **This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.**

! **Children shall not play with the appliance.**

! **Cleaning and user maintenance shall not be made by children without supervision.**

! **For main unit:**

- **Rechargeable batteries are to be removed from the appliance before being charged;**
- **Batteries are to be inserted with the correct polarity;**
- **If the appliance is to be stored unused for a long period, the batteries should be removed;**
- **The supply terminals are not to be short-circuited;**

! **For remote handle:**

- **This part contains non replaceable batteries.**



! Do not use the product for users whose body status unsuitable to swim, snorkeling and diving sports.

! Do not use this product under the situation that affected by ethyl alcohol or medicine.

! Do not wear the articles which not relate to swim, such as necklace, ring, earrings and wrist-watches, etc.

! Do not use this product under bad weather, such as thunderstrom, typhoon, hail, cold waves, sea status above level 3, etc.

! Do not use this product under the dangerous environment such as water plants, shark, reef, sand stone and others.

! This product is amusement equipment, not applied in lifesaving.

! This product is for Single user only.

! This product only can be used in water, please don't idle in a ir when not use,avoid the motor burned because too heat.

! This product and the accessories can't close to fire source, ca n't heavily press.

! The operating temperature of this product is 5°C-40°C,the storage temperature of any accessory of this product is 0°C-40°C.

! Before using this product, please make sure this product can work normally and the battery has enough power.

! Before using this product, please make sure that the water is suitable for swimming, snorkeling,etc., and the product is allowed.

! Before using this product,please take protective measure,be sure to wear the life jacket or life saving equipment, and accompanied by the diver with experience.

! When using this product， please wear life jacket or life-saving equipment, wear well swim cap, never dress the loosen cloth, keep safety distance with the people who are long hair or dress loosen cloth, avoid the long hair or loosen cloth rolling into propeller.

! When using this product,pay attention to surrounding environment to avoid collisions, don't make the algae, ropes or other debris rolling into propeller.

! Please tightly hold the handle when using this product,don't make the head or tail of this product align to you or other people face.

! Please don't use this product on the coastal beach, avid the sand, conch and other thin and small varias rolling into propeller.

! Please don't use this product to dive into the depth under 5m.

! Please make ensure the battery and charger are dry before charging.

! The surrounding temperature range should keep at 10°C-40°C when battery charging.

! Only use the charger equipped with the M1Pro underwater thruster.

! Only use the supply unit provided with M1Pro appliance to charge the battery.Other chargers are not allowed.

! Connect the charger into electric circuit first then connect the charger with battery when battery charging.

! Disconnect the charger from the circuit after charging, then disconnect the battery from the charger.

! The battery of this product can't be disassembles, rebuild and damp.

! When you install， remove,and store the battery ,please keep this product and your hands dry and do it in a dry environment.

! If the battery send out any abnormal or deformation during using or charging, please stop use or charging immediately.

! Please keep the product ,including the battery,away from the water while charging.

! Please don't place the battery into one sealed container to charge.

! Please don't place the battery into where has water to charge in order to caused the battery and battery charger short circuit.

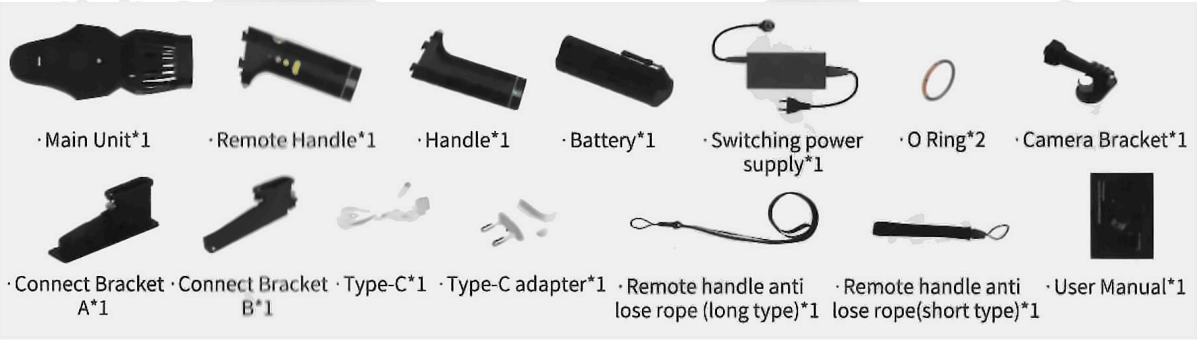
! Please don't use when machine occur failure.

! Need renewal battery in time when battery damaged, not fully charged or battery working life obviously reduced.

! Person without permission shouldn't repair arbitrarily,unsuitably repair will caused the product leak water, damaged, fire or electric shock.

3. Product Introduction

3.1 Package list



3.2 Specification

The while machine	
Size	41 x 33.5 x 17.2 (cm)
Weight	2.15 kg (including Battery)
Power	330W
Speed	6.5Km/h(Maximum)
Speed Setting	High / Medium / Low
Working Depth	~5m(Limit depth)
Durable time	30~60 mins(Normal Using)
Add-on Support	Sport Camera/SUP, etc

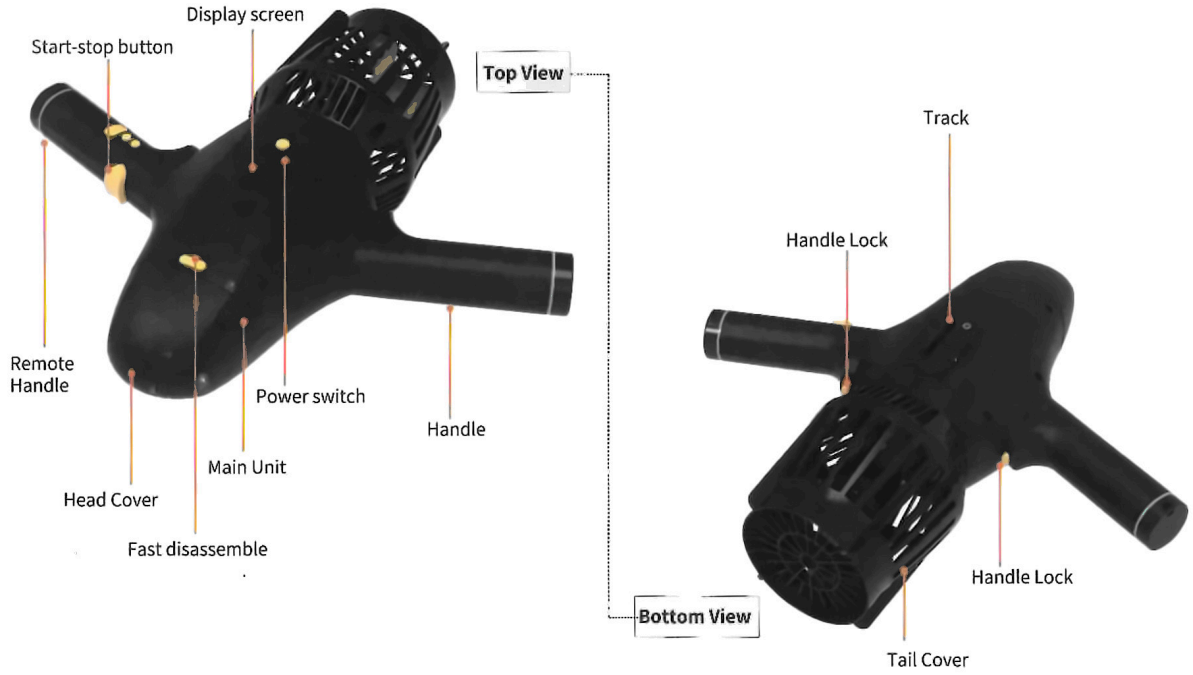
Battery	
Charging Voltage	22.2V
Charging Current	2.5A
Rate Capacity	4500mAh
Charging Time	~3 H
Weight	0.65 kg

Switching Power Supply	
Input Voltage	100~240V
Output Voltage	25.2V
Output Current	2.5A

⚠ Please check whether your product package include the above articles before use this product, if loss then please contact your distributor.

⚠ Please check whether appearance of the new machine has damages carefully after unpacking.

3.3 Product diagram



4. Assembling Instruction

4.1 Install the Battery

1.Press the **Fast Disassemble Button** to remove the **Head Cover**.

2.Push the Battery into cabin according the shape of **Battery Compartment** until the bottom.

3.Force to tightly insert after make the Fix Position Groove of power supply joint outer wall on **Main Unit** corresponding to the Convex Rib on internal wall of battery power supply joint.

4.Turn **Tighten Nut** clockwise until tightened.

5.Make the **Head Cover** align to slot of **Main Unit**, lightly squeeze and send out "Ta" sound then means it tightly locked.

4.2 Remove the Battery

1.Press the **Fast Disassemble Button** to remove the **Head Cover**.

2.Turn the **Tighten Nut** counterclockwise until loosened.

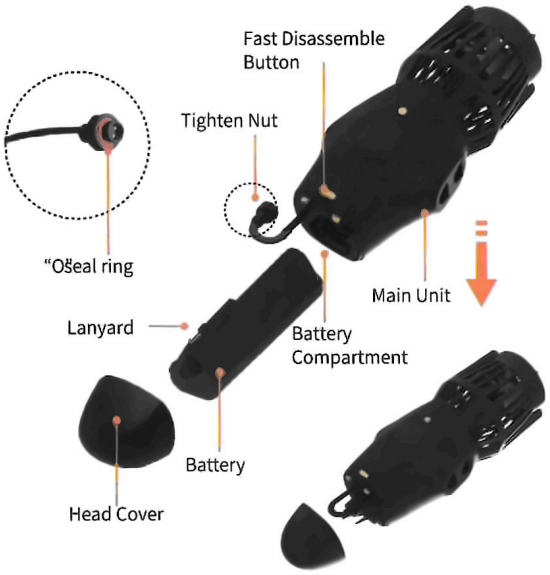
3.Plug out the main unit power supply joint from the battery's.

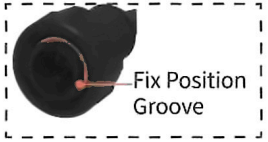
4.Remove the Battery from the Compartment by draging the **Lanyard** on the battery.

5.Make the **Head Cover** align to slot of Main Unit, lightly squeeze and send out "Ta" sound then means it tightly locked.

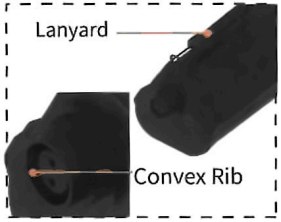
⚠ **Must check and make ensure that installed the "O" seal ring before connect power supply.**

⚠ **This product only allow adult carry out assembly work and strictly follow this operating stipulates.**





Main Unit power supply joint



Battery power supply joint

4.3 Handle assembling

1. **Main Unit** is placed with the **Display Screen** as the front。
2. Take out the **Handle and Remote Handle**
3. Kindly pay attention to check the front and back directions of **Handle** and **Remote Handle** installations,so that the **Remote Handle** is in right of **Main Unit**.
4. Press the **Handle Key** , align to the **Install Hole** which on side of **Main Unit**, insert the **Handle** or **Remote Handle** into the corresponding hole, push into along with **Head Cover** direction, loosen **Handle Key**, and make ensure the **Handle Key** pop out then the Handle or Remote Handle is locked tightly.
5. Reverse operations to remove the Handle or Remote Handle.



5. Charging Instruction

5.1 Battery charging

1.Connect the plug pins of **Switching Power Supply** to the **AC power**.

2.Connect another end of **Switching Power Supply** to **Battery** slot.

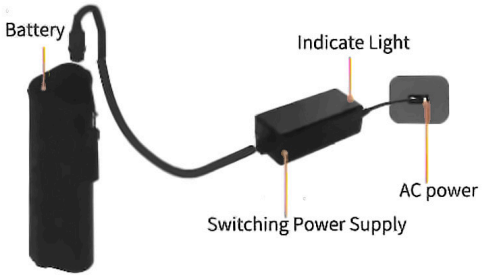
3.The Red light of the **Switching Power Supply** represent that the battery is not fully charged,and Green indicates that the battery is fuly charged Charging time is about 3 hours.

⚠ Please make sure the battery is fully charged before first use.

⚠ Please make sure the Main Unit is at power off before you take out the battery.

⚠ Please make ensure the battery and charger are dry before charging.

⚠ Please unplug the Switching Power Supply when it is not charged.



5.2 Remote Handle charging

1.Open the **Seal Cover** of Type-C of Remote Handle.

2.Please use 5V/1A power adapter or standard USB charger port to charge.

3.Insert one end of the **Type-C Charge Cable** into the **Remote Handle** and another end insert into the **USB port**.

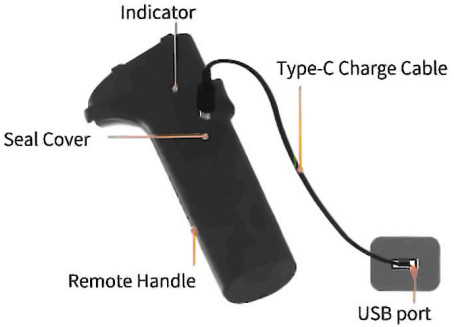
4.**Indicator** shows red when Remote Handle charging, indicator light will turn green after fully charged.

5.After fully charged, be sure to close the Seal Cover tightly.

⚠ Please make sure Remote Handle is closed before charging.

⚠ Please ensure the port of Remote Handle is no water before inserting the Type-C connector.

⚠ Please don' t operate the Remote Handle when charging.



6. Operating instruction

6.1 How to use when diving

1. Long time press Main Unit **Power switch** 2s,the Display Screen lighting and power supply connects,the signal lamp start to flash.
2. Long time press Remote Handle **F key** 2s, the indicator lighting and start machine successfully.
3. The **Main Unit** and **Remote Handle** signal automatically matched after start machine, signal lamp normally lighting then means matched successfully;

   [Note: if signal lamp flashing then need match the signals of Main Unit and Remote Handle again, the operations as the below:

   a. 6 times quickly press the Main Unit Power Switch, the signal lamp start quickly flashing

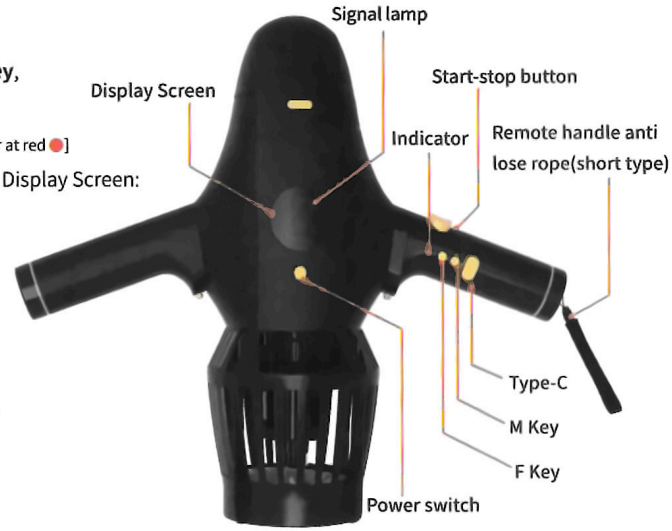
   b. 6 times quickly press Remote Handle F key within 10s, the signal lamp normally lighting, matched successfully]
4. Press down **Start-stop button**, Main Unit running;
   loosen the **Start-stop button** then the Main Unit stop running.
5. The speed default as low gear when starting, short time press **F key**, then can shift low/normal/high speed mode in sequence.

   [Low gear: Indicator at blue Normal gear:Indicator at green High gear. Indicator at red]

   Three speed modes corresponding display icons on the Main Unit Display Screen:

6. Long time press Remote Handle **F key** and Main Unit **Power Switch** when close power supply then okay.



⚠ Please make ensure the battery already be the fully charge before use.
⚠ PLease be ensure to close the Seal Cover of Type-C tightly before use.
⚠ For convenient to users operate,the Remote Handle able to set at wrist through the short of anti lose rope during diving.

6.2 How to use when suspended on SUP.

1.The operation steps for power on and signal connection same to **6.1 (How to use when dinving).**

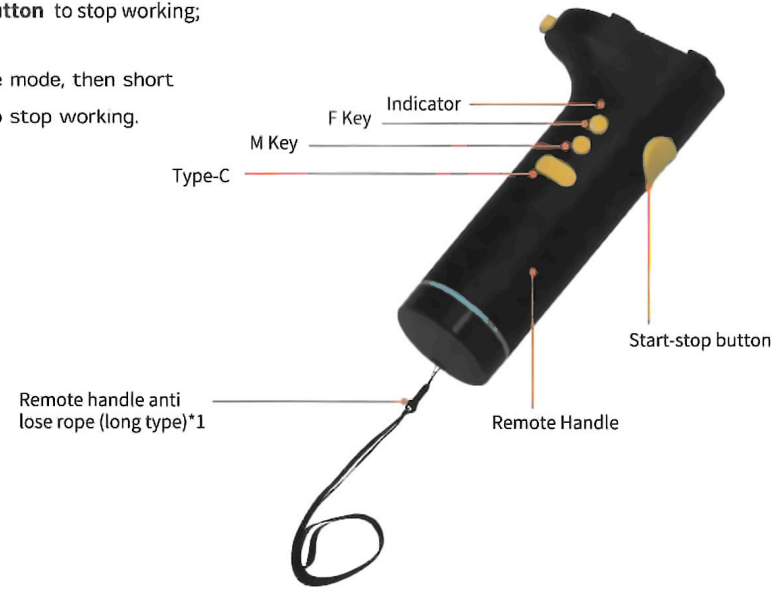
2.After the Main Unit and Remote Handle signal are connected, indicator start to flash,the M1Pro suspended on SUP start working when press down **M key** on Remote Handle

3.Short press **F key** to shift the speed setting;

Short press both of **M key** or **Start-stop button** to stop working;

Long press **F key** to power off your M1Pro.

4.Long press M key to progress in reverse mode, then short press the M key or Start-stop button to stop working.



⚠ Remove the Handle and Remote Handle from the Main Unit in advance when suspened on SUP;

⚠ For convenient to users operate on SUP, the Remote Handle can be hung around your neck with the long type of anti lose rope.

7.Outer configure equipment installation methods

7.1.1 Install the M1Pro on SUP (By the Connect Bracket A)

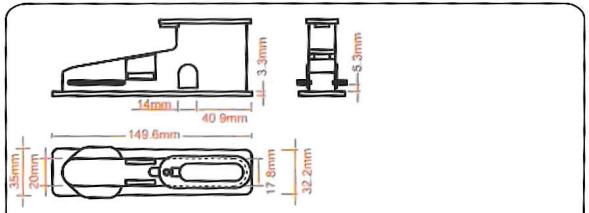
1.Make the **Connect Bracket A** align to the **Track** of **Main Unit**,and slide the **Connect Bracket A** into the Main Unit until the screw holes of both are aligned.

2.Rotate the **Bolt** on the **Connect Bracket A** and fasten it to the **Main Unit.**

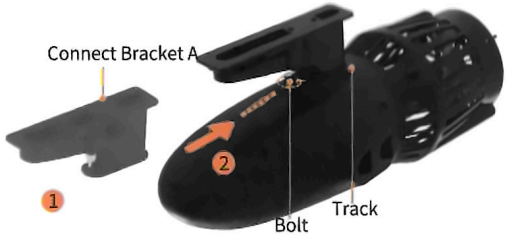
3.Make another end of **Connect Bracket A** and **SUP rail** aligned after the Connect Bracket A and Track of Main Unit connection finished.

4.Sliding into the spacing groove which vertical to **SUP rail** after pressed the **Flexible Button** on both side of **Connect Bracket**.

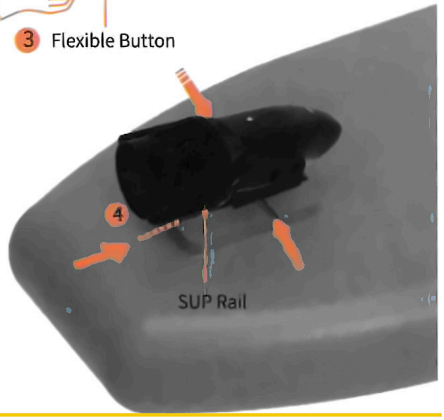
5.Installed on position after the Flexible Button pop out.

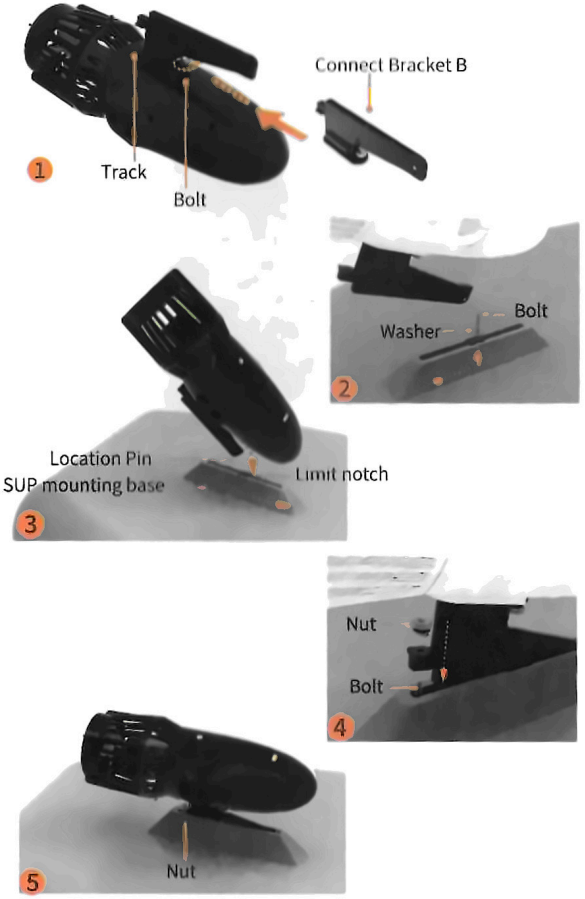


A. Please refer to the size of the standard connection bracket A as shown in the picture to match your SUP base when you choose SUP;
B If your SUP mounting base does not match the standard connection bracket A of this device, please purchase another suitable support accessories



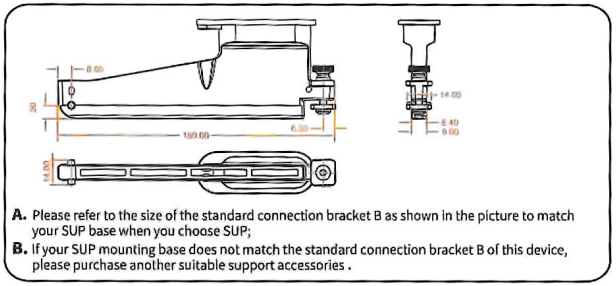






7.1.2 Install the M1Pro on SUP(By the Connect Bracket B)

1. Repeat Step 1 in connecting bracket A.
2. Then put the spare parts (bolt and washer) into the SUP slot .
3. Aligned the **Location Pin** with the **Limit notch** on the sup mounting base, slowly push it into and slide it forward.
4. Meantime,aligned the hole of the bracket B with the spare bolt and insert to fixed.
5. Finally, tighten the Nut on the spare bolt to lock.

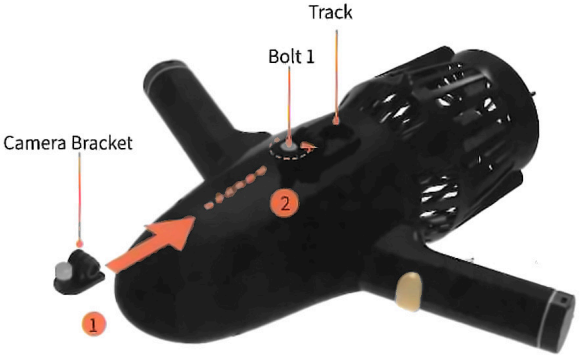


A. Please refer to the size of the standard connection bracket B as shown in the picture to match your SUP base when you choose SUP;
B. If your SUP mounting base does not match the standard connection bracket B of this device, please purchase another suitable support accessories .

7.2 Install the sport camear on the M1Pro

1.Make the **Camera Bracket** align to the **Track** of **Main Unit**,and slide the Camera Bracket into the Main Unit until the screw holes of both are aligned.

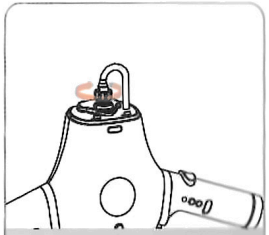
2.Rotate the **Bolt 1** on the **Camera Bracket** and fasten it to the **Main Unit.**



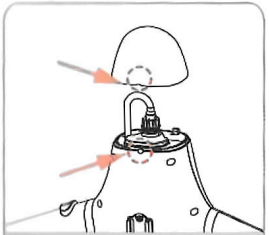


3. Insert the installation components of **underwater sport camera(Not Provided)** into the corresponding groove of **Camera Bracket** ,then use the **Bolt 2** insert into **Camera Bracket** and fasten it.

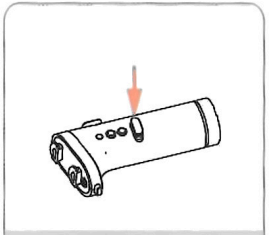
8. Notice



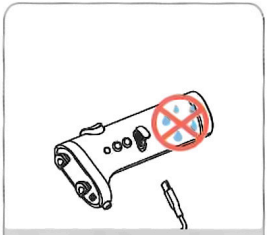
Make sure to tighten the fasten nut before using.



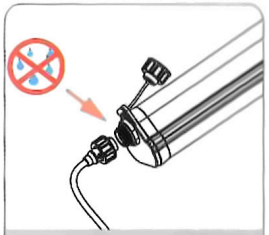
Pay attention to align the bukle on the main unit with the slot on the head cover when locking.



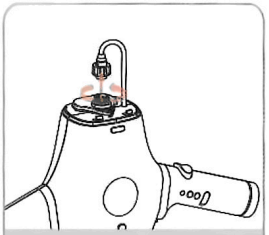
Be sure to close the Seal Cover tightly before using.



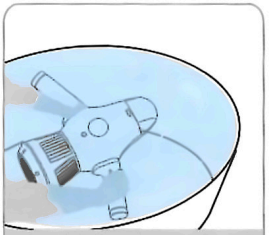
Please ensure the port of Remote Handle is no water before inserting the Type-C connector.



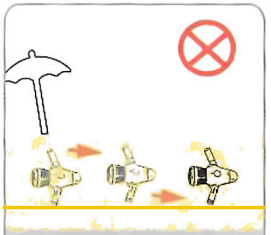
Keep the surface of the battery is dry before charging.



Be sure to disconnect the power supply when not in use.



After each used,immerse the product into clean water for20 minutes,then turn it on with slow speed for 2s~3s and repreat this for 3-5 times.



Do not try this product directly on the beach or drag it on the beach to advoid sand getting into the propelle.

9. Maintenance

9.1 Cleaning after use

Please refer the below steps for maintenance after each used to maintain the good performance:

1.Immerse the M1Pro in a container filled with clean water(not seawater) for 20 minutes.

2.Hold the Handle and Remote Handle ,turn it on with slow speed for 2s~3s and repeat this for 3~5 times while the product is completely immersed into water.

3.Dry the M1Pro with a soft,clean,dry cloth.

4.Disassemble the Remote Handle and Handle.

5.Remove the Head cover,wipe off the water droplets outside the battery compartment， take out the battery when both hands are dry.

6.Place the Main Unit and battery at cool and air venting place to completely dry it then storage.

9.2 Storage

1.Please storage M1Pro in a dry place at room temperature , keep better air venting environment, avoid direct sunshine.

2.Keep away from heat,fire and children's reach.

3.Please fully charged the battery before storage to avoid over discharge.

4.Please charge the battery about per two months If not in use for long time.

5.Please remove and keep the battery separately in a cool, ventilating and dry place when not in use.

9.3 Disposal at end-of-life

In order to better protect the earth, when users no longer need the product or the products service life comes to the end, please comply with the national laws and regulations on disposal of waste electrical and electronic products and hand it over to the local manufacturers with approved qualifications for recycling.

9.4 Warranty Policy

! In case of faults during use,please contact and consult with after-service of company to avoid the delay in your use and maintenance period.

! From the date of purchase, we could provide maintenance service for the fault of the product itself that inspected and confirmed STERMAY or its authorized maintenance station,according to the warranty period of the host and the parts which specified as below:

Scope	Warranty Period
Motor	1 Year
Battery	1 Year
Battery Charger	1 Year

AFTER-SALES POLICY DOES NOT COVER AS BELOW:

- Already exceed the warranty period of the product.
- The damage caused by man made and non-product quality reasons.
- The damage caused by the Force majeure.
- The damage caused by the installation, usage, maintenance that haven't follow the instruction of user manual.
- The damage due to peripherals,add-on devices,or accessories other than those recommended in the user manual.
- The damage due to the forced use of the product beyond the normal conditions of use.
- Unauthorized repair and change.
- The damage caused by other non - products reasons, such as design, manufacture, quality, etc.



Manufacturer:
JIANGSU YOUMAY ELECTRIC APPLIANCE CO., LTD

Manufacturer's address:
No. 20 YuLan Road, XuYi Economic Development Zone, XuYi County, HuaiAn city, JiangSu Province, China



CE