

# Hello

LEFEET S1 PRO Water Scooter  
User Manual



# Thank you for your purchase of the LEFEET S1 PRO!

LEFEET S1 PRO is a hi-tech water scooter which provides power propulsion to freedivers and SCUBA divers. LEFEET S1 PRO is easier to carry and use due to its compact and lightweight design, with 3-speed settings to meet your needs. The modular design provides for diversification of use and a safer overall experience for you.  
Have fun!

LEFEET Team

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## **WARRANTY SERVICE**

## I - GENERAL INFORMATION

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Please read all instructions before using LEFEET S1 PRO. This manual will guide you to understand the function, use and proper maintenance of LEFEET S1 PRO. If you have any questions or cannot find the information you need in the manual, please feel free to contact us via the following method: [service@lefeet.com](mailto:service@lefeet.com). Before contacting customer service, please prepare your purchase information, as this information may be needed during the service process.

When reading this manual, note these icons:



Notes with this icon **MUST** be read, understood, and obeyed to prevent injury or damage, etc.



Notes with this icon include relevant information.

## 1.1 WHAT'S IN THE BOX?

1. Main Unit Cover x 1
2. Main Unit x 1
3. Remote Control x 1
4. Handle x 2
5. Handle Knob x 1
6. Quick-Disassemble Screws x 2
7. Handle Bracket x 1
8. Battery x 1
9. Battery Charger x 1
10. Screw Driver x 1
11. O Ring (Spare) x 1
12. Remote Control Charge Cable x 1
13. Lost-prevention Strap x 1
14. Quality Certificate x 1
15. User Manual x 1



Fig. 1

## 1.2 SAFETY WARNINGS

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The LEFEET S1 PRO has been designed with the utmost safety in mind for its users. However, as with any scooter product, the LEFEET S1 PRO has inherent hazards associated with its use (for example: losing control). Therefore, it is important to read and follow all instructions and warnings in the user manual and use good judgment when using the scooter.

By using the LEFEET S1 PRO, the user acknowledges and accepts responsibility of all risks associated with the use of the LEFEET S1 PRO, which may include, but are not limited to, muscle injuries, broken bones, lacerations, or other serious injuries.

Use the LEFEET S1 PRO at your own risk. We are not responsible for mishaps due to lack of common .

To better ensure your safety, ALWAYS USE APPROPRIATE PROTECTIVE GEAR, read and follow all instructions and warnings in the user manual.



- This product is significant piece of diving equipment, It is not intended to be used as lifesaving equipment.
- This product only can be used in water. Please don't operate LEFEET S1 PRO in the air, otherwise, it can be burned up due to overheating.
- Any accessories of this product should not be close to a fire source and should not be under heavy pressure.
- The operating temperature of this product is 32°F ~ 104°F, and the storage temperature of any accessory of this product is 14°F ~ 122°F.
- The surface of the product shall not contact with volatile, acidic, corrosive substances or sharp objects.
- Do not place any part of the body or foreign matter near the propeller when the product is equipped with batteries.
- After-sales service and repair can only be carried out by the authorization center. Unauthorized repair will invalidate the warranty, at the same time, there is a risk of personal safety and damage to the product function.
- Minors under 14 years of age shall not use this product. Minors who have reached the age of 14 should use this product under the supervision of a guardian.
- Do not use this product if you are not fit for swimming, snorkeling or diving. Do not use this product under the influence of alcohol or drugs.
- Before using this product, make sure that the water is suitable for swimming, diving, etc., and that this product is allowed.
- Before using this product, check that the surface of the product is not damaged, the battery is not damaged, and the propeller is working properly to ensure that the product has enough power to return to the shore safely.
- Before using this product for diving, please confirm that you are qualified for diving, you must be equipped with life-saving equipment, take protective measures, and do it under the condition of being accompanied.
- Users who do not know how to swim should use this product in shallow water areas and confirm that other life-saving equipment is available or that a swim/life-saving instructor is present.
- When using this product, please wear life jacket or life-saving equipment, do not wear loose clothes, and keep a safe distance from the surrounding long hair or wearing loose clothes, avoid long hair or clothes involved in the propeller.
- While using this product, please hold the handle tightly and do not point the front and the tail of the product to the face of you or others, especially the eyes.
- When using this product, pay attention to the surrounding environment in order to avoid collision, do not let algae rope or other debris wrap around the propeller.
- Do not try this product directly on the beach to avoid sand, shells or other debris being brought into the propeller. This product is rated only to a maximum of 40 meters in depth. Do not use past 40 meters depth.
- Use only the charging accessories provided by the manufacturer. Other chargers are not allowed. The temperature range within which the battery can be charged is 50°F ~ 113°F.
- The battery cannot be disassembled and modified, and it cannot be subjected to strong vibration and shock. After the battery is installed, please take it lightly.
- The battery should not be damp, and the battery metal socket should not touch any liquid. When you install, remove and store battery, please keep this product and your hands completely dry in a dry environment.
- If, during use or charging, if the battery gives off an unusual odor, heat, change color, shape, or any other abnormality, please stop using or charging immediately. Please check the storage environment if the above abnormal conditions occur during battery storage.
- Do not place the battery in microwave ovens, high-pressure containers, or on induction cookware.
- Do not place the battery in direct sunlight or use or store the battery inside cars in hot weather.
- In the event that the battery leaks and the fluid gets into one's eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.



II- PRODUCT FEATURES

2.1 PRODUCT DIAGRAM



Fig. 2

## 2.2 REMOTE CONTROL DIAGRAM



Fig. 3

## III- ASSEMBLING

### 3.1 HANDLE ASSEMBLY



- Before using the LEFEET S1 PRO, make sure the **Handles** are tightened with **Handle Knob** and **Remote Control**.
- The instructions of this step are only for right-handed users. The left and right positions of the **Remote Control** can be adjusted according to user's preference.

**STEP 1.** Take out the two **Handles**, **Handle Knob**, **Handle Bracket** and the **Remote Control** from the package.

**STEP 2.** Kindly pay attention to check the front and rear directions of the **Remote Control** installation, so that the **Trigger** of the **Remote Control** is facing away from the user (Fig. 4).

**STEP 3.** Insert the **Handle Knob** into the hole on left side of the **Handle Bracket**. Align to the **Handle** and insert the **Handle Knob** into one of its tube.

**STEP 4.** Anticlockwise screw the **Handle** when inserting it.

**STEP 5.** Insert the **Handle Knob** into the left side hole of **Handle Bracket**, screw tightly with another **Handle**.



Fig. 4



Fig. 5

## 3.2 ASSEMBLING THE HANDLE BRACKET ONTO THE MAIN UNIT

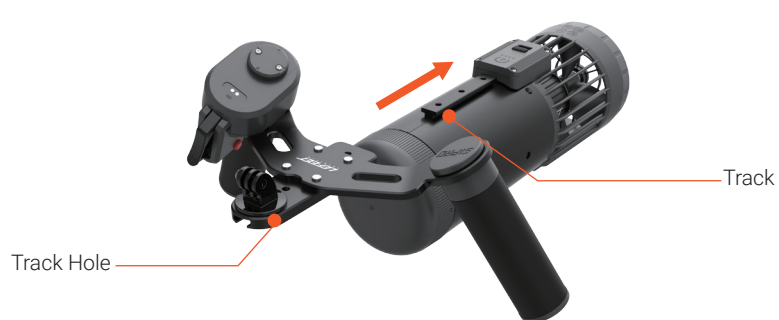


Fig. 6

**STEP 1.** Align the track on the **Main Unit** and the track hole on the **Handle Bracket**. Slide the **Handle Bracket** onto the **Main Unit** along with the track to calibrate the holes.



**STEP 2.** Take out two **Quick-Disassemble Screws** and fasten them to the **Main Unit** (install with screw driver or coins).

### 3.3 INSTALL AND REMOVE THE BATTERY

- STEP 1.** Open the **Battery Cover**, and insert the battery into the compartment (Fig. 7).
- STEP 2.** Carefully align the Battery Pins on the battery, then fit them together (Fig. 7).
- STEP 3.** Make sure the **Battery Cover** is properly pressed tightly, clockwise rotate it 45° to lock the battery in place. When counter-clockwise rotate it, the battery will be unlocked (Fig. 8).
- STEP 4.** Clockwise rotate the **Main Unit Cover** on the top of the **Main Unit** and screw it tight (Fig. 9). Let the arrow which is on the Main Unit Cover aim at the " ○ " sign on the Main Unit and then press, screw clockwise; it represents locked when the arrow aims at " ● " sign and makes a clicking sound.
- STEP 5.** Reverse operations to remove the battery.

**\* Important note:** The main unit cover does not have an O ring. It is normal operation for water to go in the battery compartment.



Fig. 7

Clockwise rotate 45° to lock  
Anti-clockwise rotate 45° to unlock

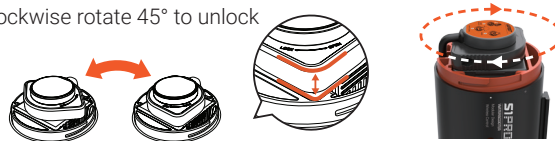


Fig. 8



Fig. 9

## IV - CHARGING



- Please make sure the battery is fully charged before first use.
- Please make sure the **Main Unit** is turned off before you remove the battery (see section 3.3).



- Please unplug the **Battery Charger** when it is not being charged.

### 4.1 HOW TO CHARGE THE LEFEET S1 PRO

- STEP 1.** Connect the plug pins (a) of **Battery Charger** with AC power (100V-240V; Use the power adapter conversion if necessary ).
- STEP 2.** Fasten the plug pins (b) at the other end of the **Battery Charger** to the battery slot and tighten.
- STEP 3.** The red light of the **Battery Charger** represents that the battery is being charged, and green indicates that the battery is fully charged. The charging time is about 2.5 hours.

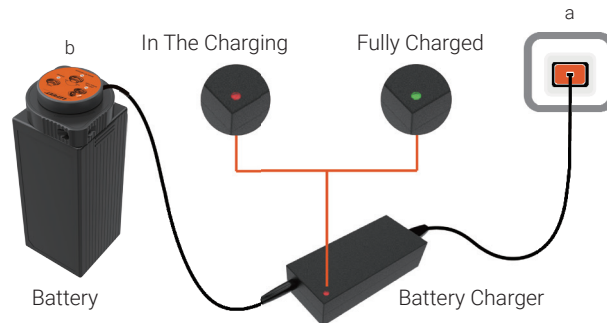


Fig. 10

## 4.2 HOW TO CHARGE THE REMOTE CONTROL



- Make sure the **Remote Control** is turned off before charging.
- Do not under any circumstances use the **Remote Control** while it is charging or connected to the adapter.
- Please clean the water or dirt at the contact before charging.

**STEP 1.** Using the LEFEET magnetic charging cable, align the metal contacts on the handle and start charging, the light will flash when charging.




**STEP 2.** When the Remote Control is fully charged, the light will turn green, disconnect the Remote Control from the charging cable. The charging time is about 1.5 hours.



Fig. 11

## V - HOW TO USE

### 5.1 HOW TO USE YOUR LEFEET S1 PRO

- STEP 1.** Make sure that **Trigger Lock** is under unlock state (Trigger can be pressed normally).
- STEP 2.** Press the Switch/ Speed Switch Key for ~2 s until power on light comes on Remote Control and Main Unit to power on your LEFEET S1 PRO.
- STEP 3.** Short press one of **Switch/ Speed Switch Key** of **Remote Control** or **Main Unit** to switch three speed settings (Low  Medium  High 

#### Operating Time:

35~70 mins (Normal Using)

\* **Note:** As the battery power is dropping, the power of LEFEET S1 PRO will gradually weaken, and there will be an automatic speed reduction and speed shift. Even if the device is unable to be used at high or medium speed setting, this is a normal condition.

- STEP 4.** Press the **Trigger** to run LEFEET S1 PRO, release it to decelerate and stop.
- STEP 5.** Press both **Switch/ Speed Switch Key** on **Remote Control** and **Main Unit** for 2 s to power off your LEFEET S1 PRO.



Fig. 12



If the **Main Unit** have no response in 30 minutes, **Remote Control** have no response in 30 minutes, they will be shut down automatic.



## 5.2 HOW TO PAIR WITH THE MAIN UNIT AND THE REMOTE CONTROL

The Remote Control and Main Unit are paired by default in factory setting. If not, please follow the steps as below.

- STEP 1.** Long press the **Remote Switch/Speed Switch Key** on **Remote Control** for 5 s, the white light will flash quickly, the **Remote Control** enters pairing mode.
- STEP 2.** Long press the **Main Unit Switch/Speed Switch Key** on **Main Unit** for 5 s until the white light for three speed settings flash quickly, the **Main Unit** enters pairing mode.
- STEP 3.** When the three speed settings indicator light on the **Main Unit** stops flashing, the propeller will rotate briefly, the **Main Unit** and the **Remote Control** have been paired successfully.
- STEP 4.** Short press the **Remote Switch/Speed Switch Key** on **Remote Control**, the light will stop flashing, the **Remote Control** exits pairing mode.



Fig. 17



- One **Remote Control** can also be paired with multiple **Main Units** with above method.



- The effective distance of the remote control not be more than 60cm when using underwater.

## VI - MAINTENANCE

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In order to maintain good performance, please refer to the following steps for maintenance after each use:

- STEP 1.** Immerse the LEFEET S1 PRO in a container full of clean fresh water (not seawater) for 30 minutes.
- STEP 2.** Hold the **Handles** with both hands and turn it on with slow speed for one minute and repeat it for 2~3 times while the product is completely immersed into water.
- STEP 3.** Dry the **Main Unit** with a soft, clean, dry cloth.
- STEP 4.** Open the cover of the **Main Unit**, wipe off the water droplets outside the battery compartment, open the **Battery Cover** when both hands are dry, taking out the battery.
- STEP 5.** Place the **Main Unit** and battery in a cool and ventilated place to dry completely.

## 6.1 CLEAN ISSUES

Pull out the **Propeller Cover** for cleaning if the propeller is entangled by foreign materials.



- Ensure the power is turned off and the battery is removed before doing below operations.
- Mind your fingers when you are cleaning the dirt in propeller.
- Avoid damaging the propeller while cleaning as it is a necessary part of the scooter.

**STEP 1.** Rotate the **Propeller Cover** on the bottom of LEFEET S1 PRO clockwise and pull out the cover (please be careful of your intensity in case of damage).

**STEP 2.** Rotate the propeller to clean the dirt.

**STEP 3.** Reverse operations after completing the above step.



Fig. 18

## 6.2 STORAGE

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- Please do not store LEFEET S1 PRO in too high or too low temperature, too dry or too wet, direct sunlight and dust environment, which may cause damage over time.
- Please fully charge LEFEET S1 PRO before storing to prevent over discharge when it is not in use.
- If not in use for long time, please recharge the battery every three months.
- The storage temperature should not exceed the range of 14° F ~ 122° F (-10 °C ~50 °C )

## 6.3 DISPOSAL AT END-OF-LIFE

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This product must not be disposed of by incineration, landfilling, or chemical risks to the environment. The recommended disposal for any LEFEET S1 PRO at its end-of-life is to dispose of the entire unit at or through an e-waste recycling center, program, or facility.

Local regulations and laws pertaining to the recycling and disposal of lithium-ion batteries and/or products containing them will vary according to country, state, and local governments. You must check laws and regulations corresponding to where you live in order to properly dispose of the battery and/or unit. It is the user's responsibility to dispose of their waste equipment properly with accordance with local regulations and laws.

For additional information about where you should drop off your batteries and electrical or electronic waste, please contact your local or regional waste-management office, your household waste disposal service, or your point-of sale.

## VII- LEFEET S1 PRO SPECIFICATIONS

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### Main Unit

Net Weight	5.51lb (±2%) (Including Battery)
Dimensions	11.8 x 11.8 x 6.3 in (Including Handle Bracket) 32°F ~
Working Temperature	104°F
Waterproof Depth	131.2 ft
Speed Settings	Three settings: Low / Medium / High
Operating Time	35 ~ 70 mins (Normal Using)
Thrust	17.6 lbf
Add-on Support	Support add-on sports camera

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### Battery

Charging Voltage	25.2 V
Current	3 A
Rated Capacity	4400 mAh
Rated Energy	97.68 Wh
Charging Temperature	50°F ~ 113°F
Charging Time	~ 2.5 h
Net Weight	1.68 ± 0.044 lb

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### Battery Charge

Input Voltage	100 ~ 240 V
Output Voltage	25.2 V
Output Current	3 A

### Note:

1. As the battery power is used up, the power of LEFEET S1 PRO will gradually weaken, and there will be an automatic speed reduction and speed shift. Even if the device is unable to be used at high or medium speed setting, this is a normal condition and should not be cause for worry;
2. All the parameters are for reference only. The specific battery life will vary depend on your selection of speed settings, the user's body weight, as well as the environment and frequency of use;
3. The Sports Camera Mount of this product only supports some types of sport cameras, while mounts for other types of cameras should be purchased separately.

# WARRANTY SERVICE

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## Main Unit

LEFEET guarantees that the LEFEET S1 PRO products you purchase are designed and manufactured according to the qualified standards. Under normal use, there is no functional defect during the warranty period. If you have any problem in the process of using, we recommend that you first check the user manual, furthermore, you can also download the user manual, FAQ, instructional video or support forum on our website.

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## Scope of Services

Your LEFEET S1 PRO includes a one-year limited hardware warranty which starts from the date of the sales invoice, the warranty period of the main body is 12 months while the warranty period of the battery is 6 months. If you cannot provide invoice or other valid proof of purchase, then the warranty period will start from 90 days after the production date that shows on the product, or otherwise specified by LEFEET.

If repairs are not feasible or commercially unfeasible, we may replace this product with new or refurbished products with similar features. After repair, firmware upgrade and replacement, the replaced product or accessory will be covered by the same warranty during the remaining warranty period of the original product.

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## How to Obtain After-Sales Services

If a product does not function as warranted during the warranty period, please contact us through [service@lefeet.com](mailto:service@lefeet.com) to obtain after-sales service.

LEFEET may not offer after-sales service in some area, the policy of after-sales service varies from different places. Additional charges may be required for services outside the regular service scope. Please contact us for information specific to your location.

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## What to do before obtaining After-Sales Svices

Please specify the problems with the product after contacting LEFEET.

LEFEET technician will attempt to diagnose and resolve your problem by phone, email, or remote assistance. If your problem cannot be resolved over the telephone, you may be required to deliver the product to LEFEET for further examination. LEFEET will arrange for repair or replacement service under this Limited Warranty Service.

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## Product and Part Replacement

When after-sales service involves the replacement of a product or part, the replaced product or part becomes LEFEET's property and the replacement product or part becomes your property. Only unaltered LEFEET products and parts are eligible for replacement.

Replacement products or parts provided by LEFEET may not be new, but it will be in good working order and at least functionally equivalent to the original product or part's warranty. A replacement product or part shall be covered for the time remaining in the original product's warranty.

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## Use of Personal Contact Information

If you obtain service under this policy, you authorize LEFEET to store, use, and process your contact information, including name, phone numbers, address, and e-mail address. You agree and understand that it is necessary for LEFEET to collect, process and use your information to perform service under this policy. We may contact you to inquire about your satisfaction with our service or to notify you about any product recalls or safety issues.

In order to achieve these aims, you authorize LEFEET 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.

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## What this After-Sales Policy does not cover

- Collision or burning down accidents caused by man-made and non-product quality problems.
- Damage caused by unauthorized modification and dismantling of the shell under the guidance of the unofficial instruction manual.
- Damage caused by improper installation, use and operation not according to the user manual.
- The customer repairs the parts by himself or asks an unauthorized service organization to repair/modify the parts without official instructions.
- Damage caused by improper circuit modification guided by unofficial user manual and mismatch or misuse of the battery and charger.
- Damage caused by misuse of the product or handling of the product under environmental conditions not in accordance with the user manual.
- Damage due to peripherals, add-on devices, or accessories other than those recommended in the user manual. Damage caused by insufficient discharge when the battery is low or when using a battery with quality problems.
- The device has been damaged, including but not limited to damage caused by animals, lightning, abnormal voltage, fire, natural disasters and transportation.
- Products or parts with an altered identification label or from which the type number, serial number, production date has been removed or unrecognizable.
- The product cannot work properly because it is not used in the country/area where it was originally designed and manufactured or approved for use.
- For third-party applications that you use on the product.

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## Limitation of Liability

LEFEET only take charge of the loss or damage under following circumstances: Your product is owned by LEFEET or it is in LEFEET's transportation. Under no circumstance, and notwithstanding the failure of essential purpose of any remedy set forth herein, shall LEFEET, its affiliates, suppliers, dealers, 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) 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 LEFEET, its affiliates, suppliers, dealers, or service providers for damages from any cause exceed the amount of actual direct damages, not to exceed the amount paid for the product.







