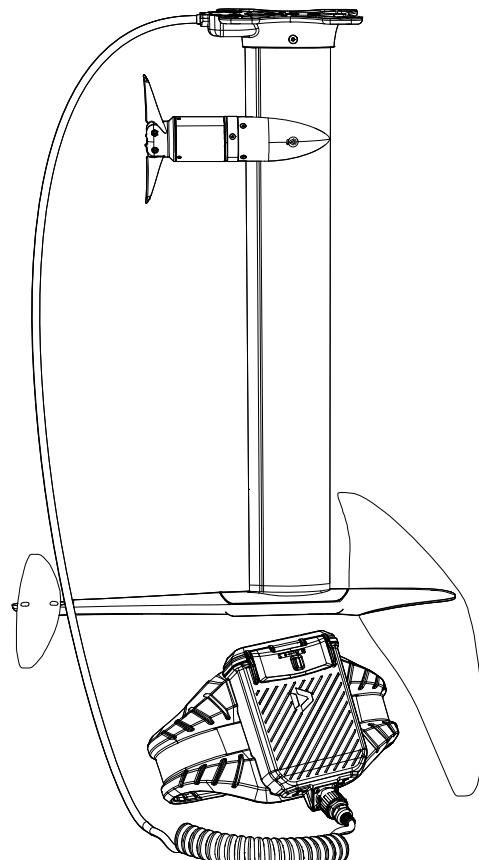
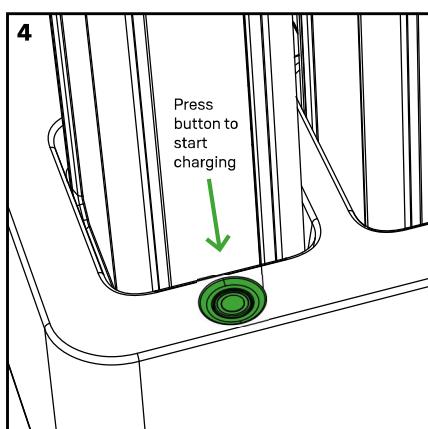
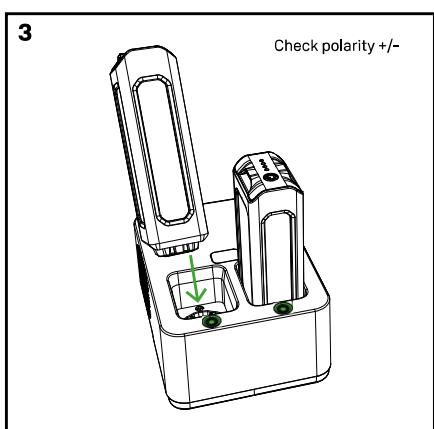
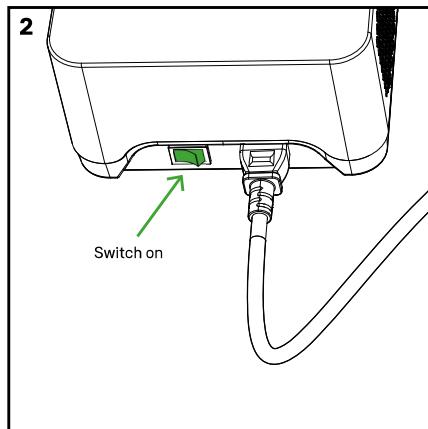
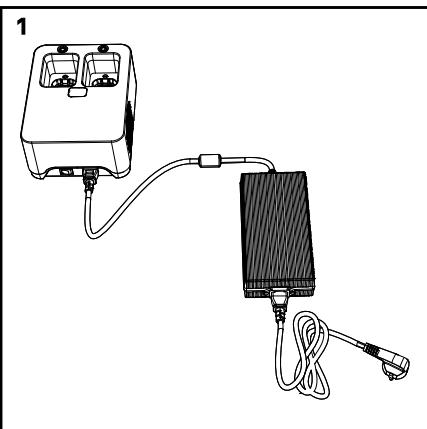




Foil Assist 2026 - Quickstart Guide



Battery Charging



Follow the instructions on the charging dock.

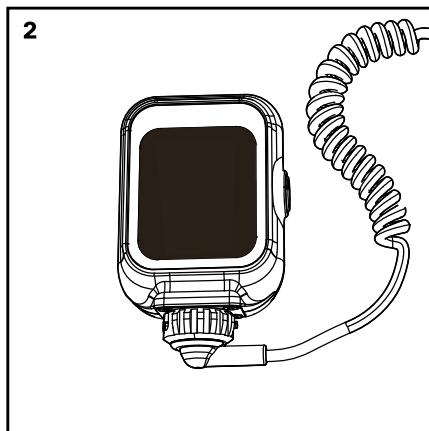
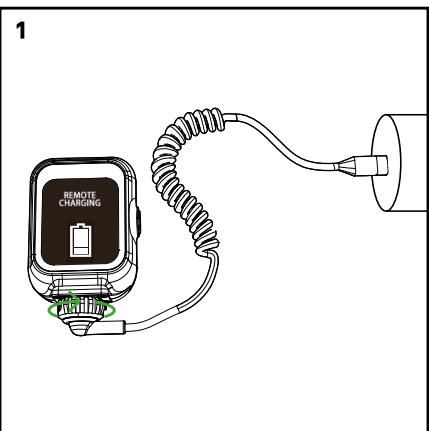
We recommend to only charge prior to use. Otherwise charge/discharge to "storage mode".



Always perform charging or discharging at home, under supervision.

Never leave the system plugged in before or after the charging/storage process is complete.

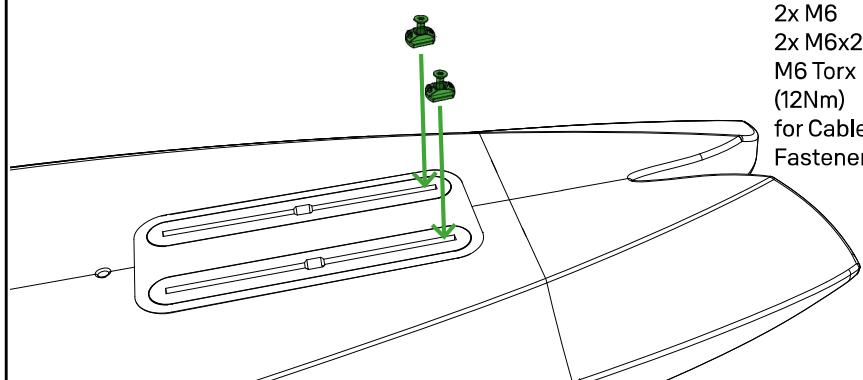
Remote Charging



i The screen will turn blank when fully charged and you may unplug the USB-C cable.

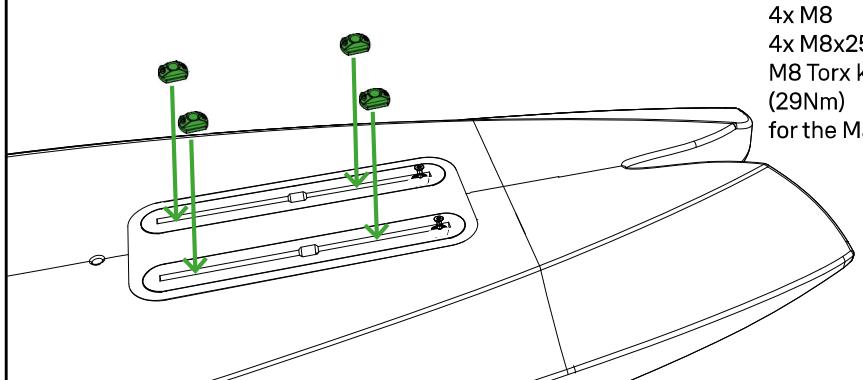
Mast and Fuselage Adapter Installation

1



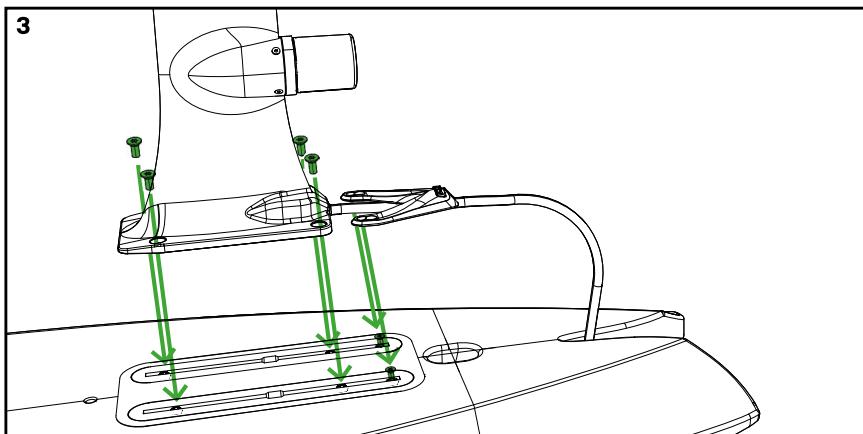
2x M6
2x M6x25
M6 Torx key
(12Nm)
for Cable
Fastener V

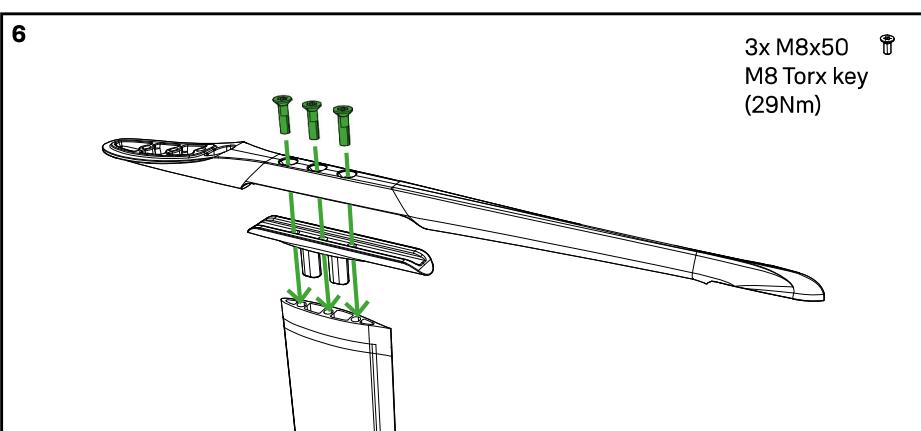
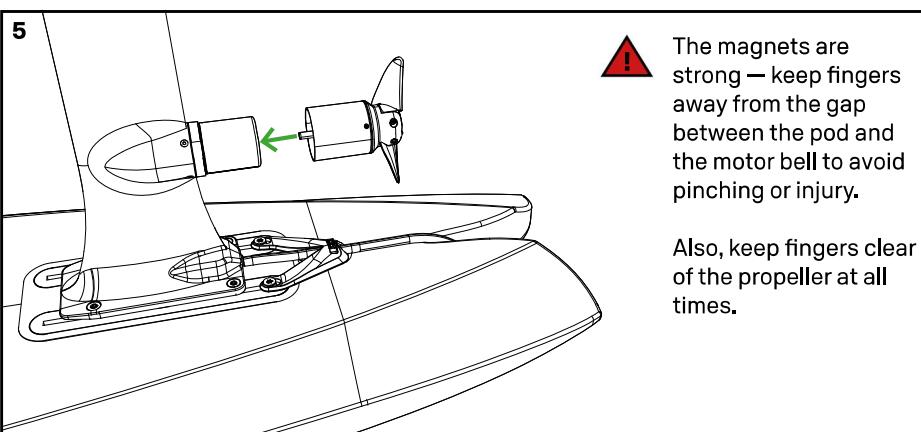
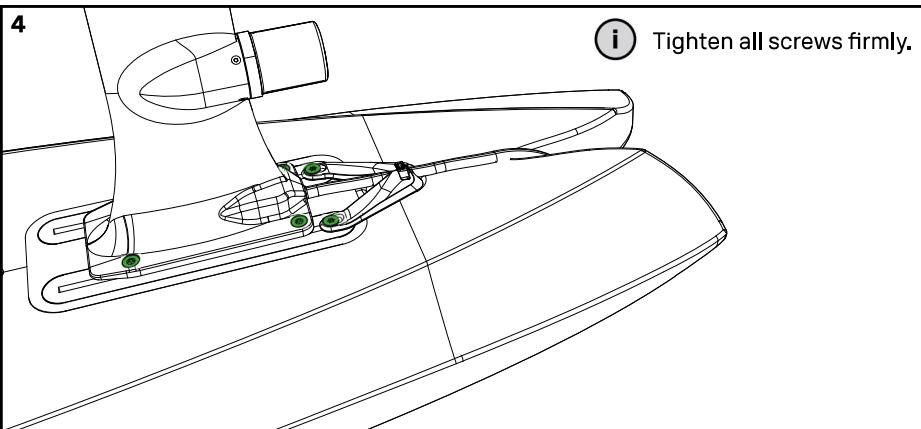
2



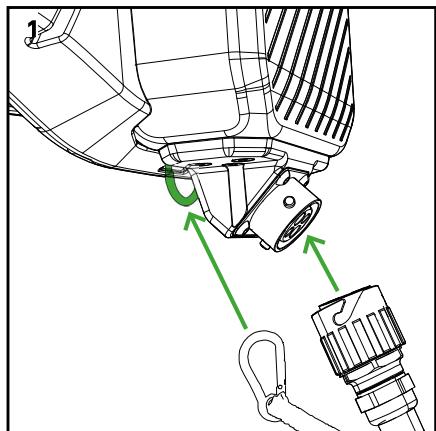
4x M8
4x M8x25
M8 Torx key
(29Nm)
for the Mast

3

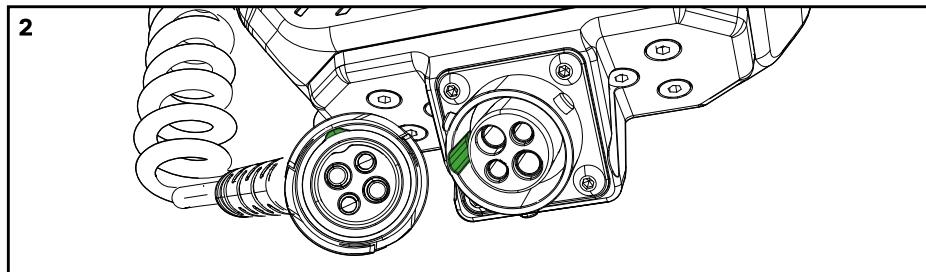




Harness and Cable Leash Installation

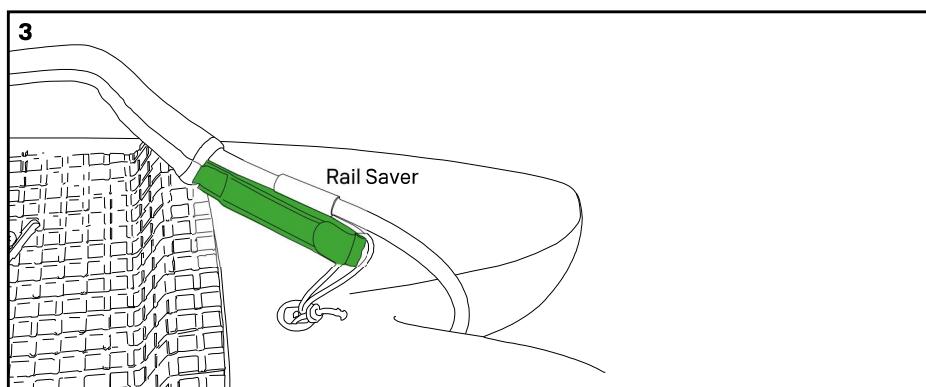


Always check to make sure the carabiner is fastened to the harness.



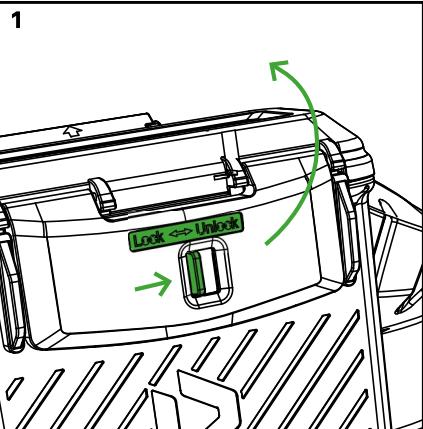
2

The connectors will only fit in one orientation, aligning with the notches. Make sure the lock is secure and properly engaged.

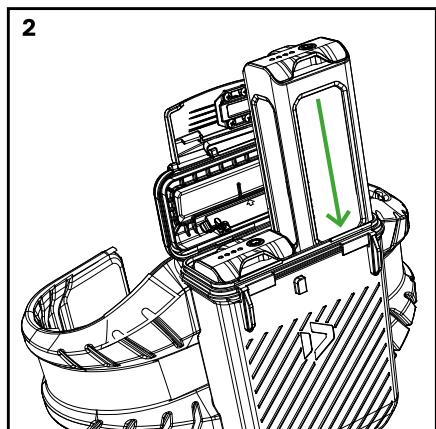


3

Battery Installation and Pairing



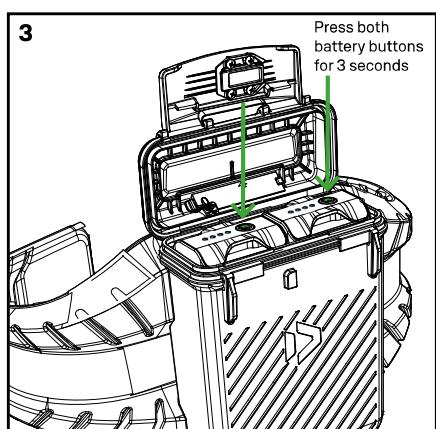
i You can slide the lock smoothly by pressing down on the latch while locking and unlocking.



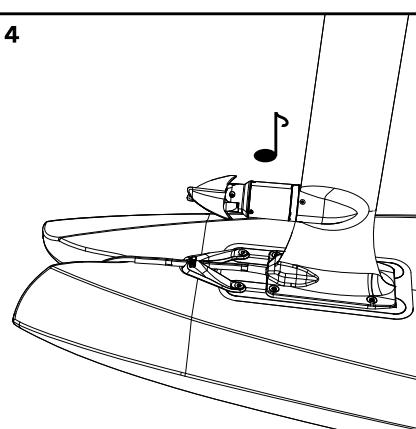
! After pairing the remote:

1. Ensure there is no sand, dirt, or residue on the sealing surface.
2. Close the box properly by pressing down the latch firmly.
3. While maintaining pressure on the latch, slide the pin to the "LOCK" position.

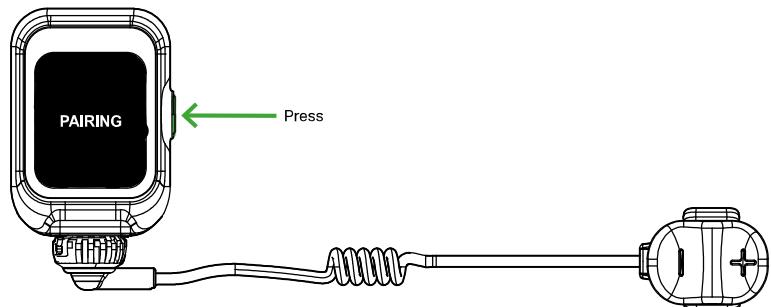
! Make sure the bell is properly installed on the motor. If the bell is not in place, you won't hear the startup beep.



4

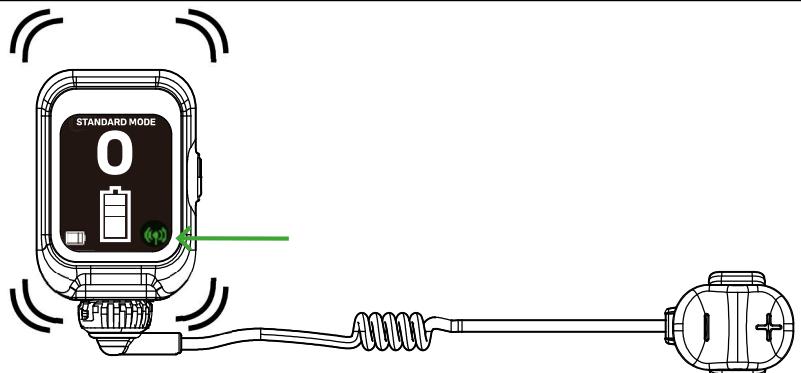


5



i For first-time pairing, press the POWER button and hold it until the screen indicates that it is pairing.

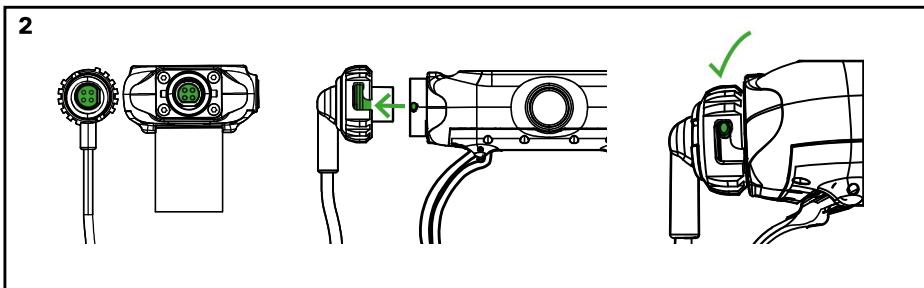
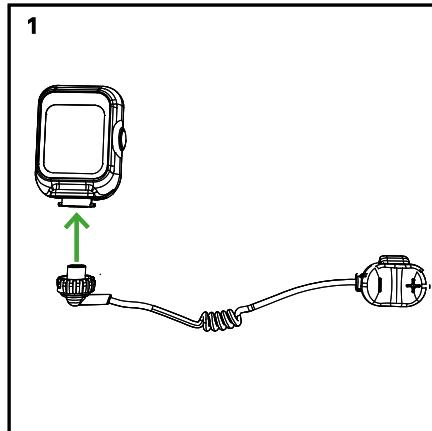
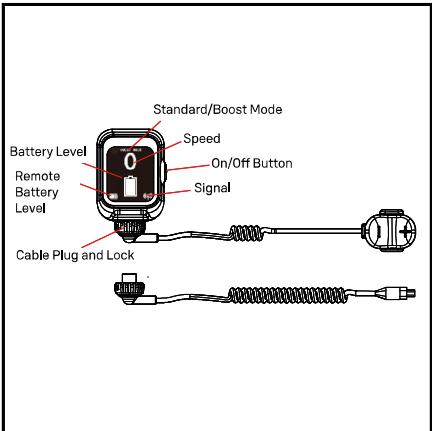
6



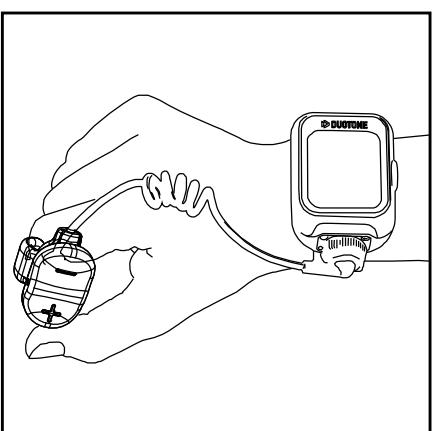
The pairing must be completed within 20 seconds of turning on the batteries; otherwise, you will need to turn off the batteries and repeat the process.

Once paired, the remote will vibrate, and the screen will display the battery levels and Wi-Fi connection status.

Watch Remote Control

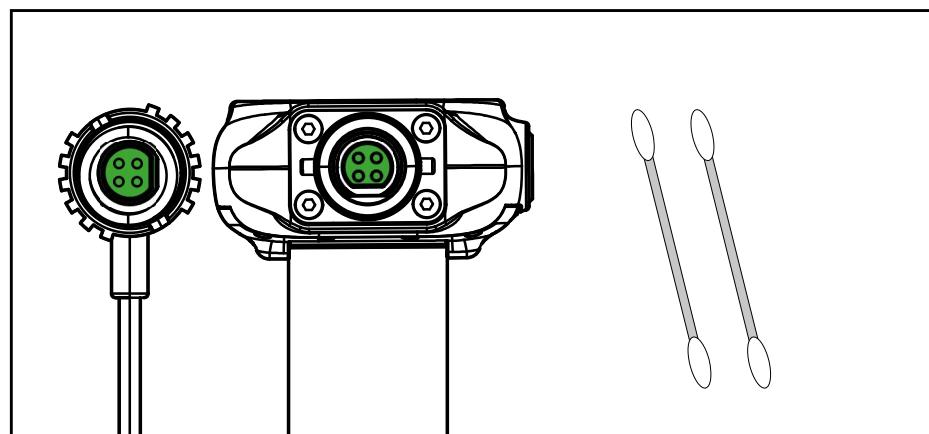
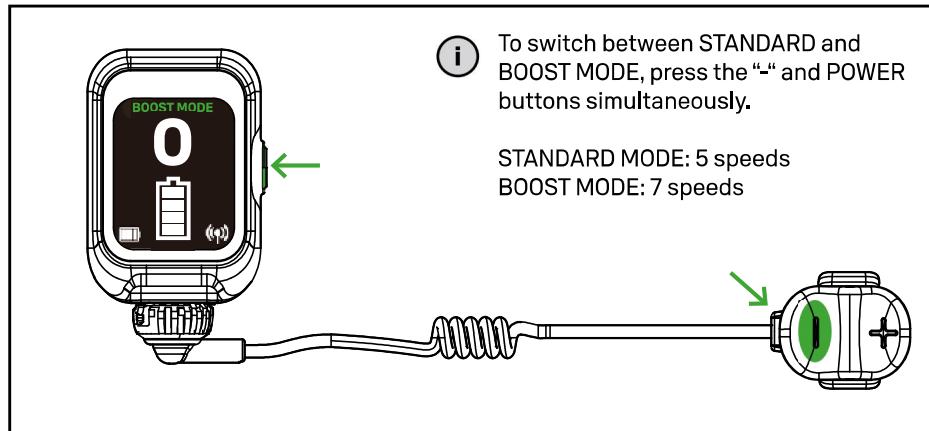


The connectors can only be inserted when the notches are properly aligned. Ensure the connectors are clean, dry, and securely locked into place to prevent water entry.



The motor **will** only activate when you press and hold the "+" or "-" button. Once you release either button, it **will** stop and reset to 0.

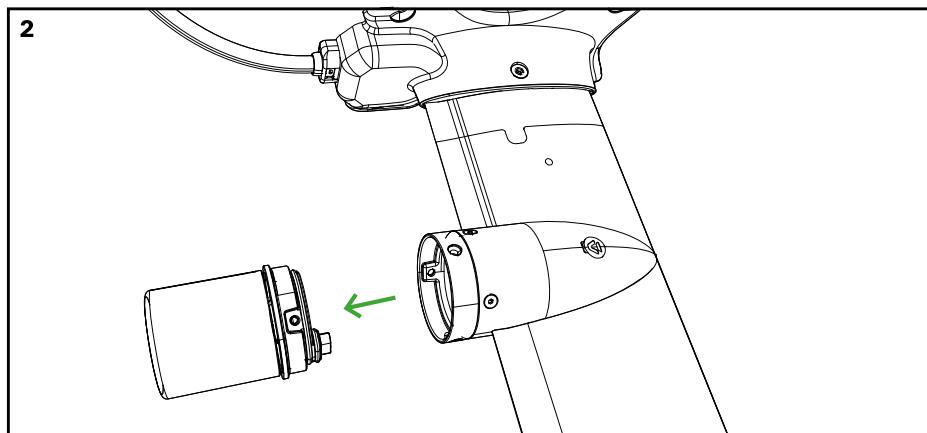
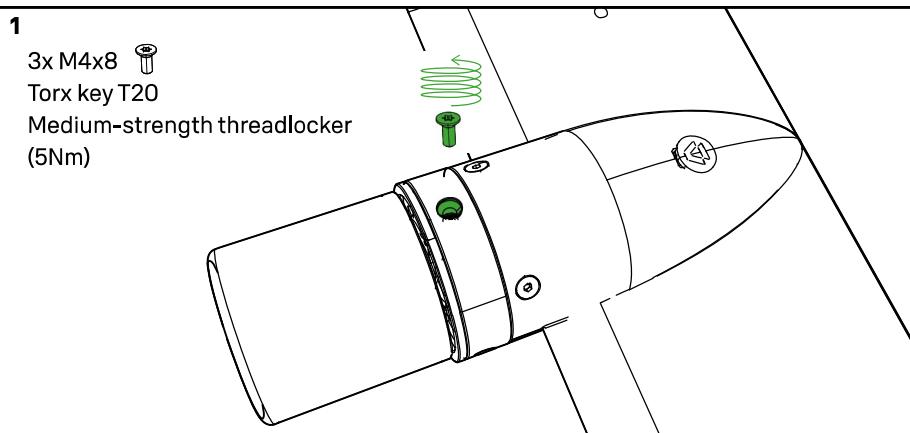
For larger wrists or fingers, switch to the XL wristband and XL ring cushions included in the screw box.



i It is important to clean the connector area regularly. Excessive buildup of connector grease or debris can impede proper charging and control. Use a dry cotton swab to gently remove any dirt or residue from the connectors.

Swapping Mast - Assist, Cruise and D/LAB

Motor Removal and Installation

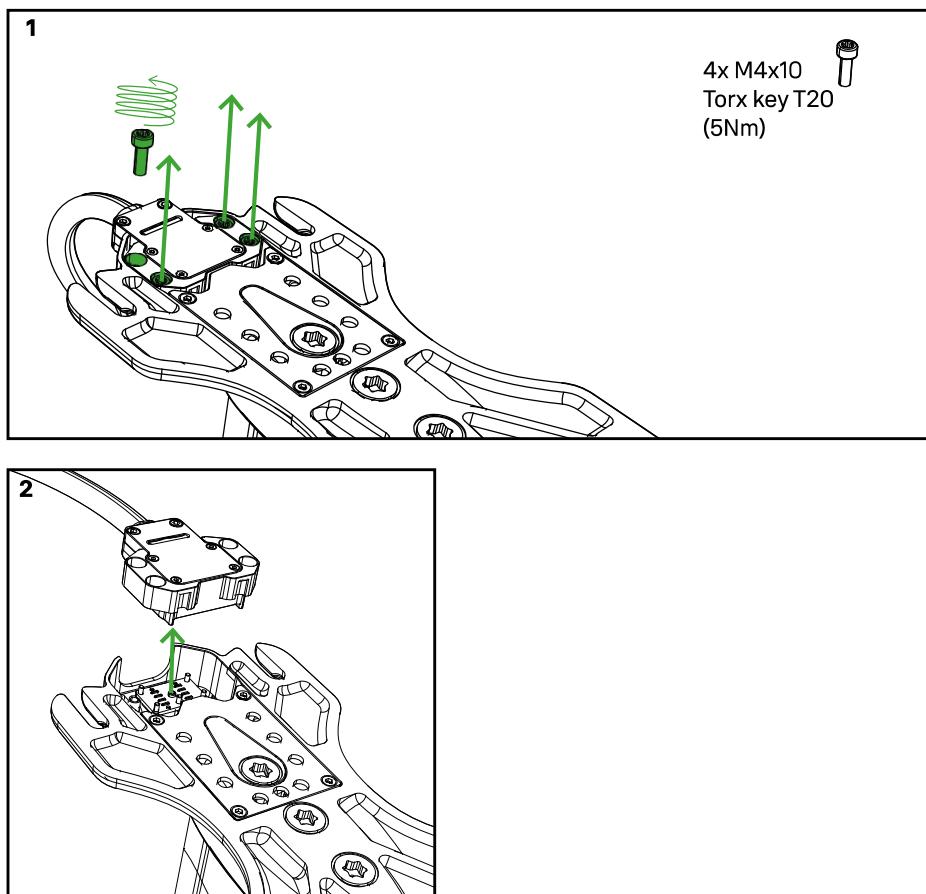


⚠ Carefully pull in a straight line to avoid damaging the connector and to maintain the waterproof seal between the motor and the ESC.

Reverse the steps for installation.

⚠ During installation, press firmly to ensure a secure seal, and check that the alignment between the mast inserts and the motor is correct. Ensure that the seal around the motor is properly positioned when inserting the motor into the ESC and the mast. For added security, apply a medium-strength threadlocker (Loctite Blue 243 or equivalent) to the screws to prevent them from loosening during use.

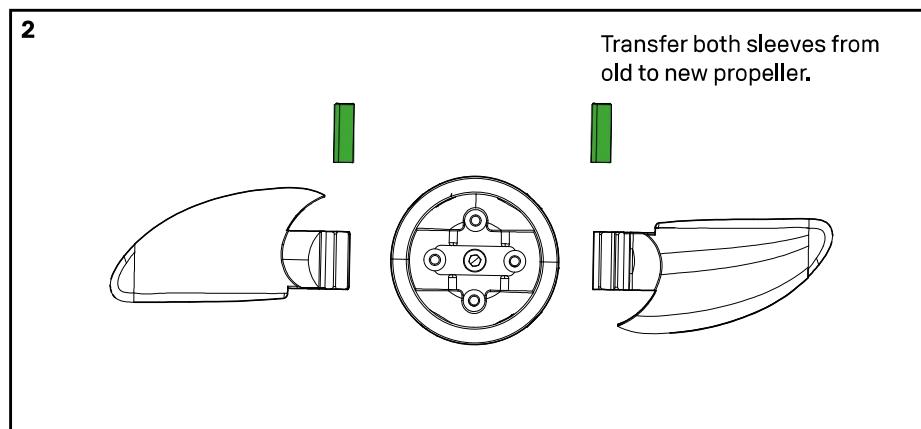
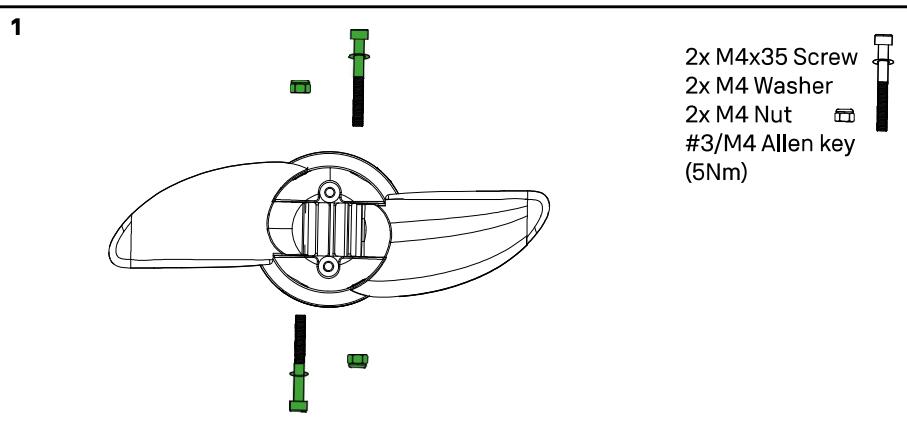
Top Plate Connector Removal and Installation

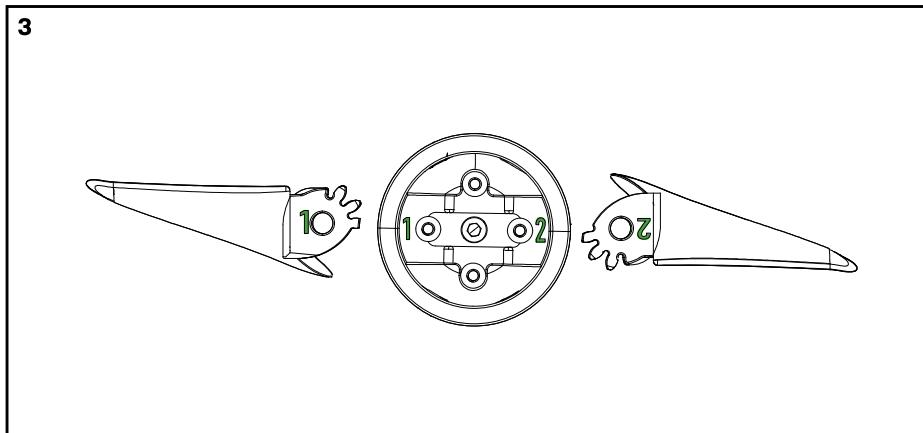


Reverse the steps for installing the connector.

! Make sure the connector is clean before plugging it into the new mast. Press firmly to ensure that the male and female plugs are securely in place.

Propeller Removal and Installation





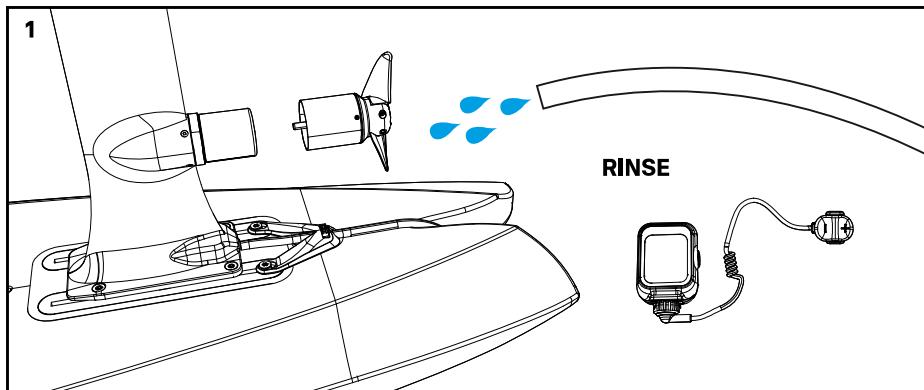
To install the new propeller, reverse the procedure.

⚠ The blades are marked “1“ and “2“. Make sure to match the corresponding number to the propeller mount. Check to make sure the blades can fold and unfold freely.

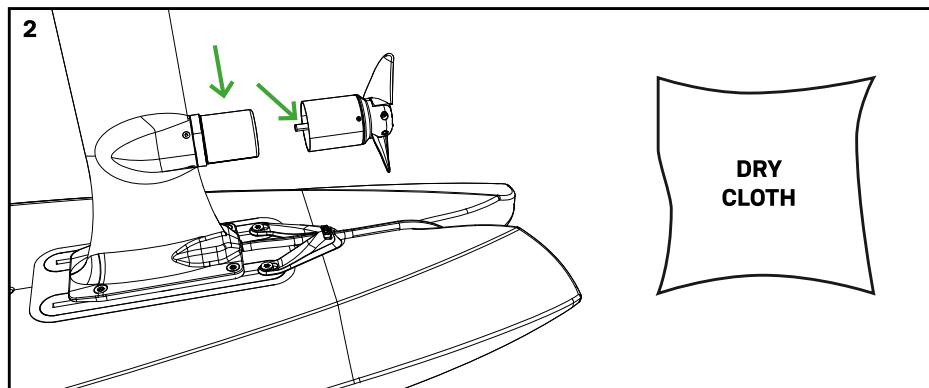
i For more power on your Assist, you can switch to **aluminum propeller blades**, which provide extra performance compared to the plastic propeller delivered with the system.

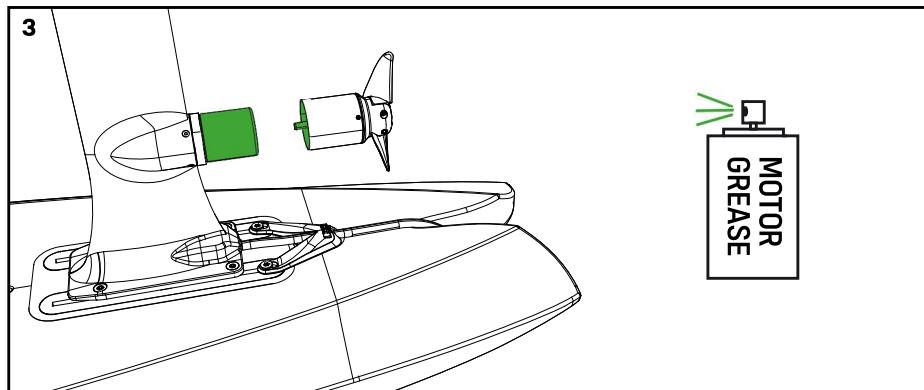
The Aluminum propeller is more powerful but also more dangerous to use. Recommended for experienced foilers looking for more thrust, allowing them to use a smaller foil or board while benefiting from an additional boost.

After Use

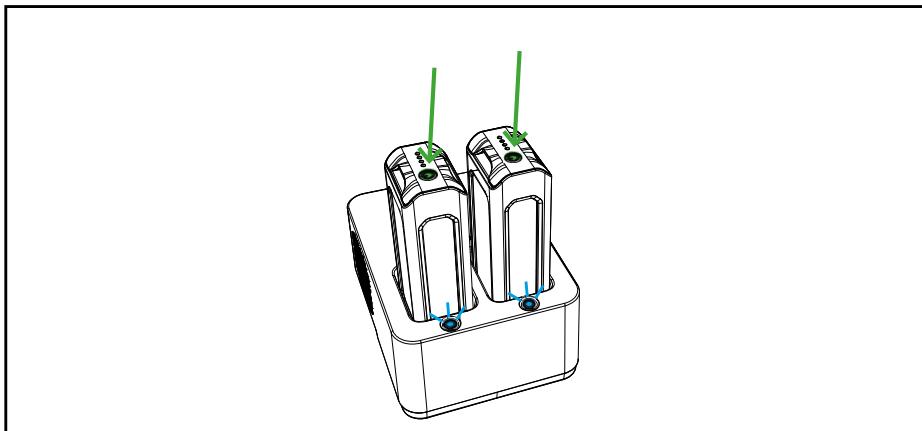


! After each use, remove the motor bell and rinse the entire unit and remote with fresh water to ensure proper maintenance and longevity.





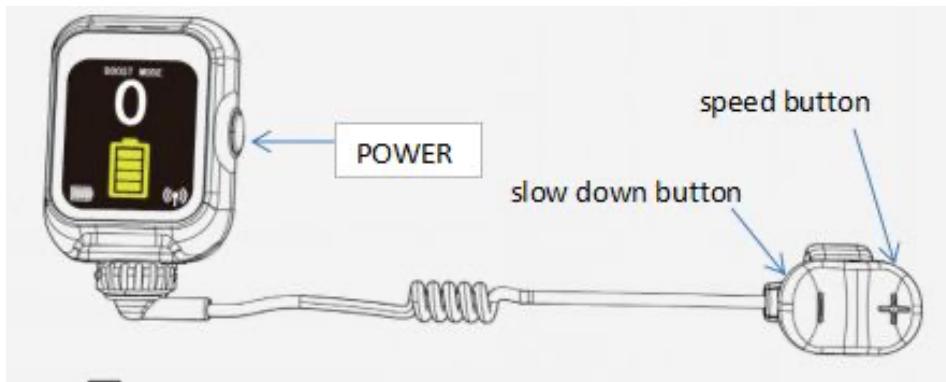
! Once fully dried, apply a thin coat of motor spray grease (e.g. WD40) to the motor and inside the motor bell to protect it from corrosion and ensure smooth operation.



i To maintain battery health, recharge the batteries to "storage mode" by following the instructions provided on the charging dock.

Remote control manual

Product Diagram



1. Product Overview

This remote control adopts an 868MHz frequency band design, optimized for wireless control scenarios of model aircraft. It features high stability, long transmission distance, strong anti-interference capability, and is equipped with a high-definition color screen to clearly display status information.

2. Technical Parameters

PROJECT	Parameter Details
Operating Frequency	868MHz/915MHz
Control Distance	Maximum 30 meters (in an unobstructed environment; actual distance is affected by environmental interference)
Power Configuration	3.7V/600mAh Lithium battery 3.7V/600mAh
Operating Temperature	(-10°C—60°C)
Charging Voltage	DC5V

3. Remote Control Operation Steps:

1) 设备配对 Device Pairing::

Long-press the remote control's power button until the word "PAIRING" appears on the screen, then release the button. Next, turn on the main unit's power supply to complete the pairing.

2) 设备启动 Device Activation:

Short-press the remote control's "+" for acceleration and "-" for deceleration. Acceleration and deceleration should be completed within 0.4 seconds. Long-press for constant-speed forward movement; release to stop.

3) Mode Switching:

Press the power button and deceleration button simultaneously to switch from BOOST mode to STANDARD mode.

4. Safety Instructions

- 1) Ban do not disassemble or modify the device to avoid damaging the circuit or causing safety hazards.
- 2) Keep away from flammable and explosive areas.
- 3) Charge at least once every 6 months during storage.

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE Statement

Herby, OmniSpecial Technology Co., Ltd declares that this DTE Foil Assist, DTE-AS-V01 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

In accordance with Article 10(2) and Article 10(10), this product allowed to be used in all EU member states.

Use the DTE Foil Assist in the environment with the temperature between -10°C and 45°C

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

Operation Frequency: 870.92MHz

Max output power: 0.0072W

Manufacturer: Boards & More GmbH

Address: Rabach 1 4591 Molln, Austria

E-mail: terence.wang.partner@boards-and-more.com

Importer: Boards & More GmbH

Address: Rabach 1 4591 Molln, Austria

Boards & More GmbH
Rabach 1 4591 Molln, Austria

DECLARATION OF CONFORMITY

04-09-2025

I, hereby declare that the product

Product Name: DTE Foil Assist

Model Number: DTE-AS-V01

Hardware: TX: HT-NJC062

RX: HT-NJF062

Software: TX: V1.0

RX: V1.1

Satisfies all the technical regulations applicable to the product within the scope of Council Directives 2014/30/EU, 2014/35/EU and 2014/53/EU and declare that the same application has not been lodged with any other EU Notify Body:

1. EN IEC 62368-1:2020+A11:2020	2. ETSI EN 300 220-1 V3.1.1 (2017-02)
3. EN 50663:2017	4. ETSI EN 300 220-2 V3.2.1 (2018-06)
5. EN 62479:2010	6. ETSI EN 301 489-1 V2.2.3 (2019-11)
7. EN IEC 62368-1:2020+A11:2020	8. ETSI EN 301 489-3 V2.3.2 (2023-01)
9.	10.
11.	12.
13.	14.
15.	16.
17.	18.

(Title(s) of regulations, standards, etc.)

All essential radio test suites have been carried out.

NOTIFIED BODY:

Name: DERYCOM CERTIFICATION SERVICES, INC.

Address: 1100 Falcon Avenue

Glencoe, Mn 55336

MANUFACTURER or AUTHORISED REPRESENTATIVE:

Name: OmniSpecial Technology Co., Ltd

Address: No. 68, Yuhe Road, Yuanjiangyuan Village, Changping Town, Dongguan City, Guangdong Province, China

Accessories:

1.
2.

This declaration is issued under the sole responsibility of the manufacturer and, if applicable, his authorized representative.

Sincerely,
(Signature) *Jack Qiu*

Contact Name: Jack qiu

Title: CEO

Email: Jack@omnispecial.com

Manufacturer Name: OmniSpecial Technology Co., Ltd

