

HYDROFOILER™ SL3

QUICK START GUIDE

manta5

CYCLING'S NEW FRONTIER.

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SL3 MAIN PARTS

- A. Hypopack Battery
- B. Chassis
- C. Cowling
- D. Foil Shoe
- E. Front Foil
- F. Tiller
- G. Propeller and Shroud
- H. Rear Foil
- I. Steering Tube
- J. Mini Tiller



BLUETOOTH RIDE CONTROLLER

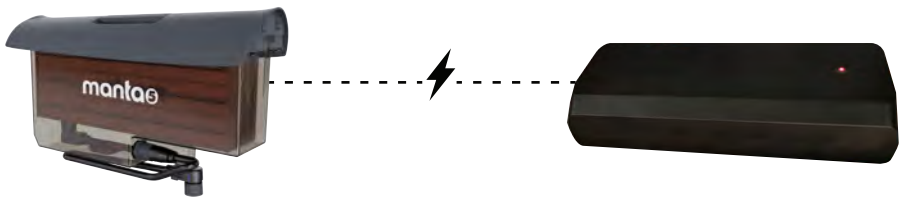
- A. Power Button
- B. Rocker Buttons (+/-)
- C. Throttle lever
- D. Activate motor Button
- E. Battery State of charge
- F. Throttle power gauge
- G. Assistance Level (0-10)
- H. Motor Activate symbol
- I. Bluetooth Connection
- J. Temperature Warning
- K. Error/ Fault Warning



⚠ IMPORTANT:

If the battery is malfunctioning or housing is damaged immediately discontinue use. Move the battery to an open area away from people and property if safe to do so. In all cases contact Manta5 immediately.

When storing batteries in confined quarters e.g. A boat, we recommend use of a Zarges (or equivalent) case.

1. Charge your battery.**⚠ PLEASE REVIEW WARNINGS ON BACK PAGE.**

Connect your battery to the charger and then to the power outlet. A red light should turn on, which means your battery is charging. The light will turn green when it's completely charged.

⚠ WARNING! - RISK OF FIRE:

Lithium-ion battery packs can be dangerous if charged incorrectly. Only use the battery charger supplied by Manta5 for charging the Hydrofoiler SL-3 lithium-ion battery.

Do not use the battery charger with any other batteries. Never connect the charger to an unregulated generator.

Never let a battery be charged unattended. The battery and charger can get hot while charging. Do not charge near any sources of heat, humidity or flammable materials and never cover the charger or battery with clothes or other objects.

The battery will not charge if it is 0°C (32°F) or less and greater than 45°C (113°F).

⚠ CAUTION - RISK OF INJURY:

Do not allow children to handle the battery or charger.

1.1 Battery state of charge indications

Plug the battery into the charging cable - Ensure the battery is safely connected to the charger by checking that the red dot on the connector is not visible.

Once confirmed it is connected correctly, plug the charger into the wall.

Whilst charging the LED will illuminate red, once charging is complete the LED will be illuminated green.

1.2 SL3 Warnings

The battery will communicate safety information through clear warnings displayed on the **ride controller**.



If an error ('Err') is displayed return to shore immediately and refer to SL3 Owners Manual.

2. Attach Drivetrain onto Rear Foil Using the 6mm hex key



* Tip – Ensure to assemble this on a flat surface. If assembling on a rocky or uneven surface the drivetrain may tip over causing damage to the strut cowling (black protective surface)

3. Attach chassis to drivetrain



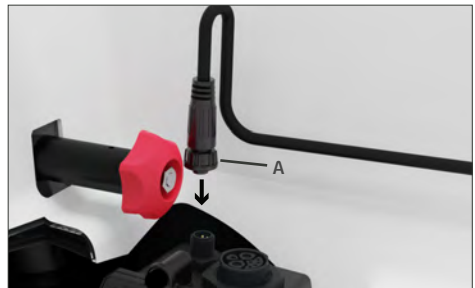
3.1 Align the hole to the square gearbox ensuring it's connected correctly. The chassis will rest in place on the drivetrain.



3.2 Tighten the chassis lock located in the rear of the battery tub.



3.3 Check that there is no movement and the chassis is correctly connected to the drivetrain by gently lifting it.



3.4 Connect the remote cable to the control box input and rotate the twist lock (A) to tighten the connection.

4. Attach the front tiller to the chassis

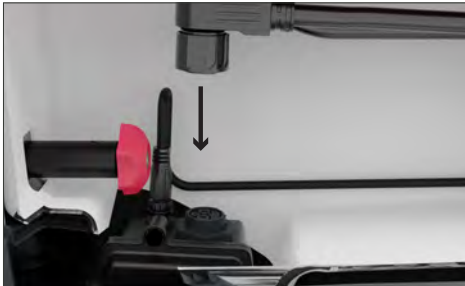


4.1 Align the front tiller's Quick Connect connection with the bottom of the steering post and slide the connection into the slot until the red latch clicks up in place.



4.2 There will be an audible click when Front Tiller is connected correctly.

5. Connect battery to chassis



5.1 Connect the battery cable to the control box by pushing the plug into the socket.



5.2 Once connected the screen pops up displaying the battery level of charge.

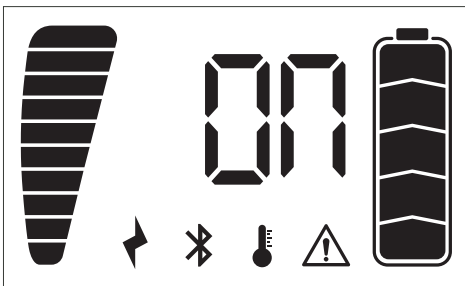


5.3 Insert the battery into the tub with the handle arrows pointing towards the front of the bike.



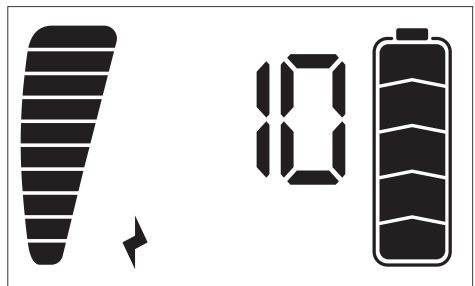
5.4 Next, push the handle down locking the battery into place. An audible click can be heard once connected correctly. Your bike is now ready to be carried to the water.

6. Once at the water, power the bike on



6.1 Power the SL3 on by pressing the **POWER** button for 3 seconds. The screen will show "00".

The propeller still won't turn until you have activated the motor.



6.2 Once ready to ride, hold the **ACTIVATE MOTOR** button down for 3 seconds to activate the motor. You will see a 10 second timer which means you are ready to go. If you don't use the motor within the counter the motor will deactivate and you will need to repeat this step.

7. Launching

The SL3 floats vertically allowing it to be easily mounted.

Make sure you are using the FC2 rear foil to optimize your learning experience.



7.1 At a minimum depth of 2 meters, place your hands on the chassis and push the bike down under the water keeping it upright. Push the handlebars and seat down to sink it further while you climb on top of the bike.



7.2 Stand on the pedals whilst staying in an upright position and rotate the pedals one full rotation to activate the motor, allowing the throttle to become active.



7.3 First time riders are encouraged to get comfortable riding on the bike completely submerged. Do not attempt to launch right away. Do this for a minute until you can feel the pitch of the bike increase as you throttle faster and faster until you are at maximum throttle. Practise leaning your chest over the handlebars to control the launch angle.



7.4 Once you are comfortable riding underwater at maximum throttle you can begin to slowly lean back. As you lean back you will feel the take-off. Think aircraft taking off on a runway. The heavier you are the longer your runway needs to be.

WARNINGS

USE OF THIS PRODUCT AND PARTICIPATION IN THE SPORT INVOLVES INHERENT RISKS OF INJURY OR DEATH. TO REDUCE RISKS:

- Ride in water conditions that do not exceed the skills of the rider.
- Riders should remain within reasonable swimming distance to shore at all times.
- Attempting to ride in rough water, or in waves can increase the risk of injury or death.
- Do not use in shallow water or near swimmers or other watercraft.
- Always wear a suitable personal floatation device that is approved by your relevant local regulating body .
- Riders are highly recommended to wear suitable aquatic footwear and swimwear to protect from potential injury.
- Understand and abide by your local maritime regulations.
- When losing control of the bike, push off pedals to fall away from the bike.
- Children shall be a minimum of 16 years of age to operate the bike.
- Never ride after consuming drugs or alcohol.
- Never ride without a suitable communication device or supervision from the land.
- Read the User Manual before use.



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