

Recommended for ages 14+

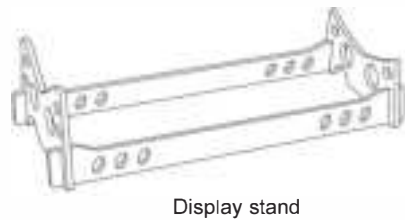
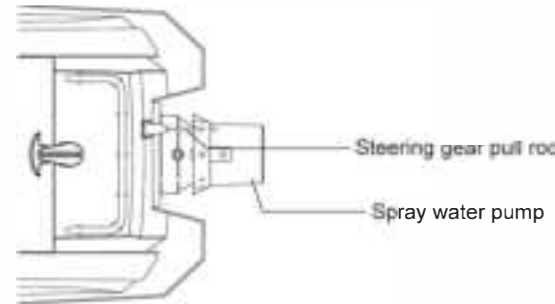
TOPR-000302

User Manual

- ▲ This product is recommended for users over 14 years old.
- ▲ Please stay away from the spinning blades.
- ▲ Read the Disclaimer and Safety Instructions carefully.

Preparation before voyage

Hull structure instruction



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Battery Charging

The initial power of the battery is insufficient, it needs to be fully charged before use.



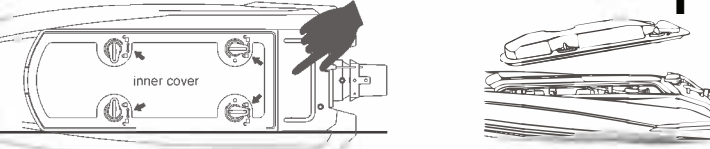
1. Plug the charging cable interface into the USB output interface (voltage output is required to be 5+0.5V).
 2. Once the other end connect to the battery charging port, the green light will light up.
 3. Once the battery is fully charged, the light will go out.
- Note: Total charge time is approximately 2 hours.

Device battery installation

1. Twist the cover lock to the left or right.
2. Take out the cover upwards.



3. Unlock the cover latch according to the label on the inner cover surface, and take out the cover upwards.



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4. Put the battery into the battery holder of the hull. Make the battery cord close to the side of the hull, push the battery to the bottom and snug it.

Power switch



Hull internal structure

6. Press down the power switch, the power on. And press down again, the power switch pops up, the power off.

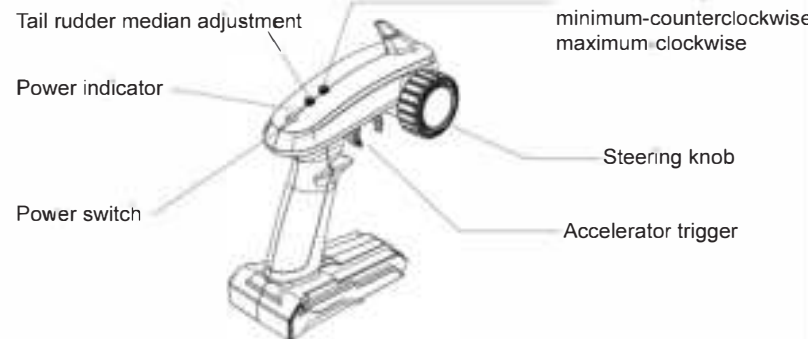
7. Cover both the inside and outside of cabin and lock it.

Bow cover installation

Align the bow cover with the hole in the bottom of the boat, and install it in place.



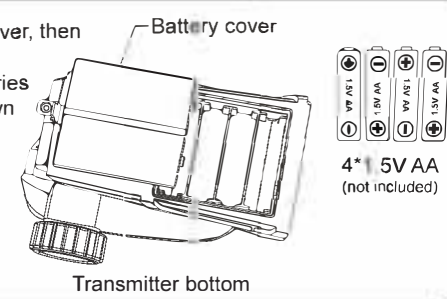
Remote control transmitter operation



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Remote control transmitter battery installation

- Open the transmitter battery cover, then install four 1.5V "AA" batteries.
- Make sure you install the batteries using the correct polarity as shown on the inside of the battery compartment.



Transmitter bottom

Navigation operation

Connect transmitter to the boat

Pairing the device to transmitter frequency

1. Power on the transmitter, the indicator blinks quickly.
2. Install and connect the device battery, tighten the hatch cover.
3. Once the remote control transmitter light turns on long, the devices are now paired and ready for normal use. (with voice prompt)

Note: Before long-distance voyage, it is recommended to familiarize yourself with the operation on the close range water surface.

Navigation control

- Forward: Pull the accelerator trigger backwards, the boat goes forward.
- Backwards: Push the accelerator trigger forward, the boat goes backwards.

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- Turn left: Pull the accelerator trigger backwards, turn the steering knob counterclockwise, the boat turn left.

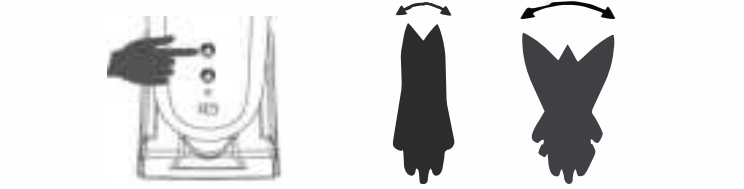
- Turn right: Pull the accelerator trigger backwards, turn the steering knob clockwise, the boat turn right.

Flip reset

- When the boat capsizes, pull the accelerator trigger back and forth, and the boat will flip back. (low voltage state may fail to flip)

Fine tuning

Rudder volume adjustment: clockwise adjustment of rudder volume increase, counterclockwise adjustment of rudder volume decrease.



When the boat is not straight forward, the tail rudder median can be adjusted. When the boat rotates clockwise, adjust the tail rudder median counterclockwise. When the boat rotates counterclockwise, adjust the tail rudder median clockwise.



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Low power alarm

Boat: When the boat is in low power, the remote control will emit "didi-didi" alarm sound, and we must return at this time. When receiving signal change, the remote control will emit "di-di" alarm sound.

Remote control transmitter: When the remote control battery is in low power, the indicator light will blink, and we must return as soon as possible to replace the battery.

Over distance alarm

When the boat is beyond the remote control range, the remote control will emit continuously "di-di" alarm sound. At this time, control the boat to return to the controllable area as soon as possible.

Water cooling system

The motor lowers the temperature through the water flow. During the voyage, the water flows through the radiating pipe surrounding the motor to cool down the motor.

Notice

1. At the beginning, turn on the power of the remote control first, and then power on the power of the boat. At the end, power off the boat power first, and then turn off the remote control.
2. Continuously vibration during voyage may cause the power connector loose, which needs to be checked.
3. Collision caused by improper operation may damage the hull or break the propeller.
4. It is forbidden to sail in water where there are people swimming. Stay away from salty, muddy water.
5. The battery must be taken out when the boat is idle. Keep the cabin dry and clean.

Analysis of common problems and solutions

| No. | Problem | Cause Analysis | Solutions |
|-----|--|--|---|
| 1 | Remote control indicator light is off | ① Low battery | ① Replace a new battery of the same type |
| | | ② The battery polarity are incorrectly installed | ② Refer to the remote control battery installation in page 5 |
| | | ③ Poor contact | ③ Clean the dirt between the battery and the battery slices |
| 2 | Remote control can't connect to the boat | ① The indicator light is not on | ① Solve as above |
| | | ② Other signal interference nearby | ② Restart the power of boat and remote control |
| | | ③ Improper operation | ③ Follow the operation steps in the manual |
| | | ④ The electronic components of the remote control or boat have been damaged by multiple violent hits | ④ Buy the corresponding accessories and replace them in time |
| 3 | Underpowered or unable to voyage | ① The propeller is severely deformed | ① Replace new propeller |
| | | ② The propeller is installed reversal | ② Replace the correct new blades according to the manual |
| | | ③ Lithium battery is low | ③ Charge the lithium battery according to the manual |
| | | ④ Lithium battery beyond the service life or power over-discharge protection | ④ Buy a new battery or charge the lithium battery according to the manual |
| | | ⑤ Poor contact | ⑤ Unplug and reinsert the power |
| 4 | Sailing yaw | ① Steering gear arm is seriously not vertical | ① Adjust the steering gear arm according to the manual |
| | | ② Tail rudder is seriously not vertical | ② Adjust the tail rudder according to the manual |
| | | ③ Steering gear slip | ③ Replace new steering gear according to the manual |

Disposal and recycling of lithium battery
Discarded lithium batteries can't be thrown in the trash at will. Please contact the environment department, scrap agent, mold supplier, or the nearest lithium battery recycling center.

Solenarty
Our products are constantly improving the design and parameters are subject to change without prior notice.
All the information in this manual has been carefully proofread for accuracy. If there are any omissions, our company reserves the right of final interpretation.

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FCC Warning

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 inte rference received, including interference that may cause undesired operation.

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

NOTE: 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 interferenceto 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.

Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.