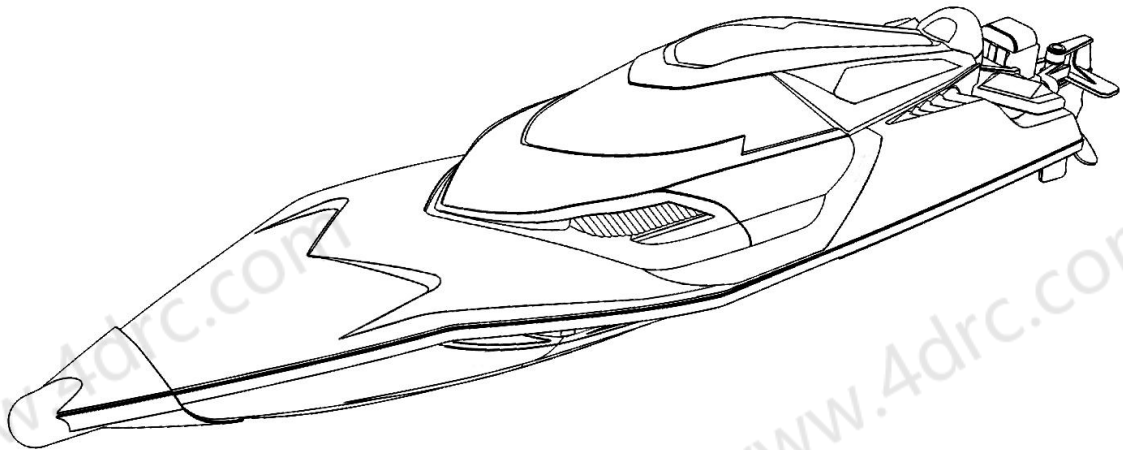




4D-S2

HIGH-SPEED REMOTE CONTROL BOAT
OPERATION MANUAL



THIS PRODUCT IS SUITABLE FOR USERS OVER 14 YEARS OLD
PLEASE READ THIS INSTRUCTION CAREFULLY BEFORE OPERATION

**IMPORTANT
NOTICE**

OUR PRODUCTS ARE ALWAYS BEING IMPROVED AND THE DESIGNS AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL CONTENTS OF THIS MANUAL HAVE BEEN CAREFULLY CHECKED TO ENSURE ACCURACY. IF THERE IS ANY MISPRINT, WE RESERVE THE RIGHT OF FINAL INTERPRETATION.



WARNING

- The product contains small and sharp parts, keep out of reach of children.
- Do not put the model in the high temperature, humidity and direct sunlight place.
- In case of abnormal operation, stop operation immediately and check the cause.
- The motor is a hot component. Do not touch it.
- The package or instruction manual contains important information, they should be preserved.
- Please follow the instructions or packaging instructions for correct installation and use, some parts are assembled by adults, the product should be used under adult supervision.
- Please put away packing materials in time to avoid accidental injury to children.
- Please keep a safe distance from the high speed rotating spiral prize to avoid the risk of wring injury.
- Playing in deep water is strictly forbidden to avoid accidents.
- The product must be fully installed according to the requirements of the manual before it can be used in water.



Do not operate the model in shallow or narrow water on the reef, otherwise the model may be damaged.



As the product includes sharp small parts, it should only be assembled and stored out of the reach of children.



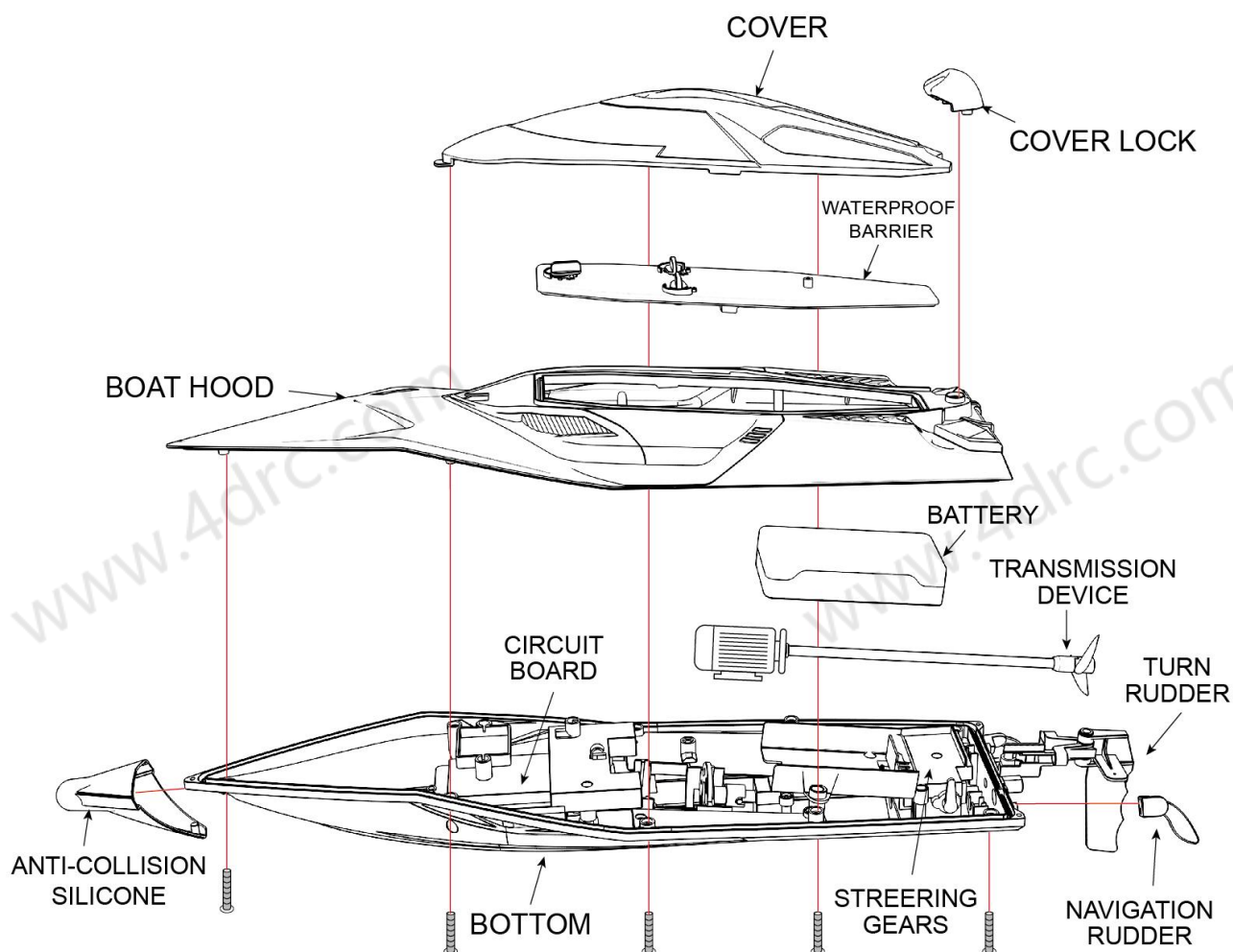
The electric can be very hot during and after the boat moving. Do not touch it until it cool down to avoid burns.



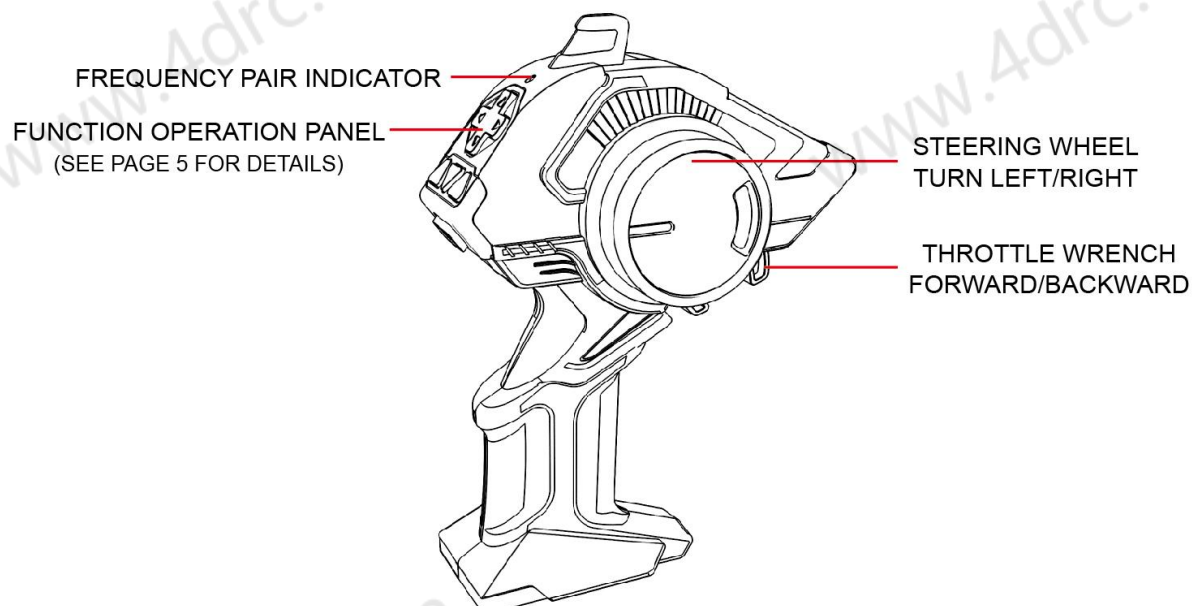
! WARNING

- | | |
|-----------------------------|--|
| BEFORE
OPERATION | <ul style="list-style-type: none">• Read the instructions carefully.• Ensure that batteries are properly installed.• Remote control and boat please always use a saturated battery to avoid losing control of the model.• Please make sure the throttle trigger is right in the center. |
| DURING
OPERATION | <ul style="list-style-type: none">• First turn on the power of the remote control.• Do not operate in shallow or narrow water on the reef to avoid accidents.• Do not put fingers or other objects into a rotating or moving part. |
| AFTER
OPERATION | <ul style="list-style-type: none">• First turn off the power of the remote control and take out the battery.• Daily maintenance is required after the use of the boat. |

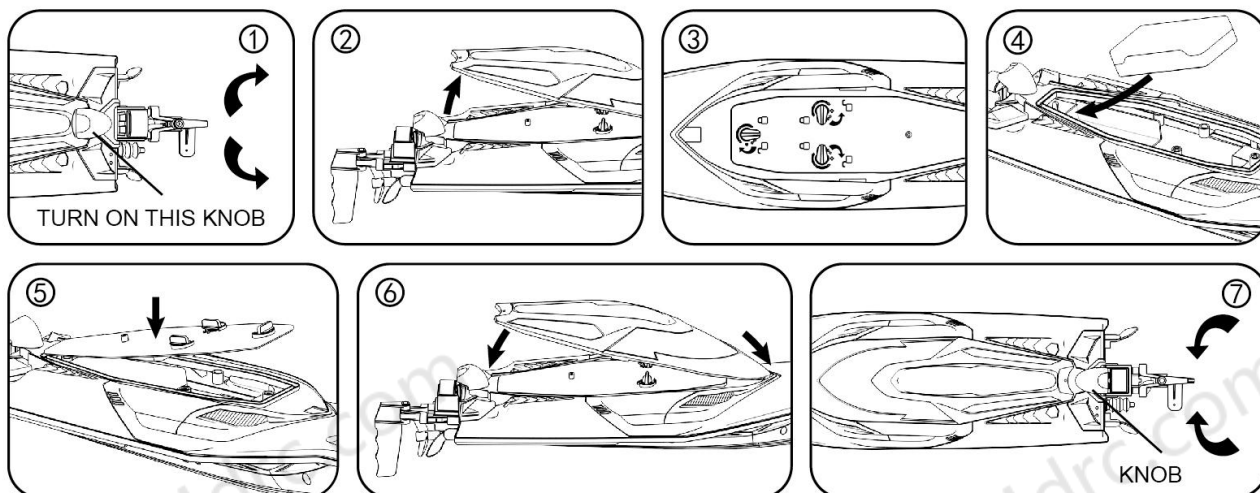
INSTALL VIEW



REMOTE CONTROL VIEW



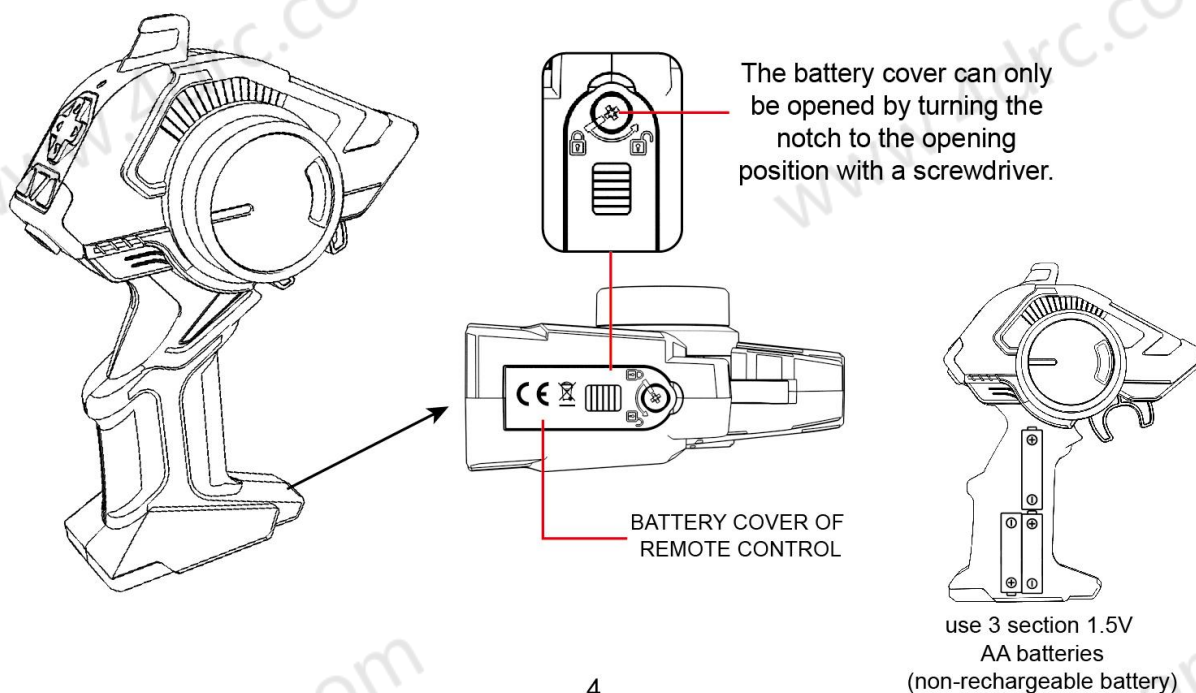
BOAT PREPARATION (PLEASE READ ACCORDING TO THE CORRESPONDING NUMBER)



- ① Lay the boat flat and twist the knob off the hatch cover in the direction of the arrow.
- ② Take out the hatch cover.
- ③ Turn on the 3 knobs of the inner hatch cover and take out the inner cover.
- ④ Load the lithium battery into the battery fixing seat inside the hull, and install it into the specified limit.
- ⑤ After the battery is installed, insert the inner hatch cover buckle into the bottom buckle of the middle cover, and then tighten the 3 knobs of the inner hatch cover.
- ⑥ Insert the upper cover into the corresponding position of the middle cover of the hull, and press it down into the slot of the cover.
- ⑦ Tighten the knob follow the direction of the arrow.

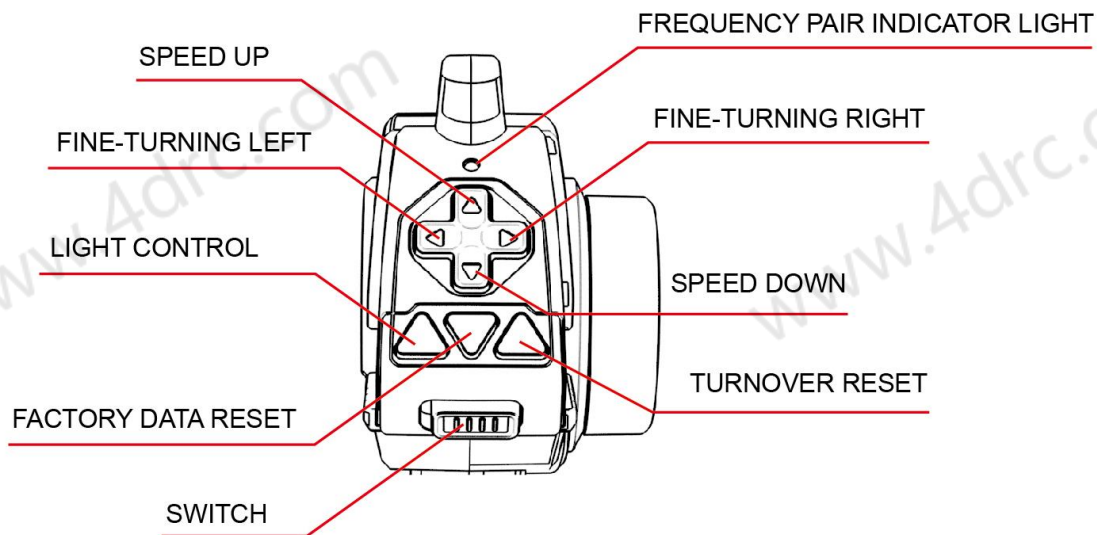
REMOTE CONTROL PREPARATION

Open the battery cover at the bottom of the remote control and install the battery correctly according to the battery polarity direction specified in the battery case.



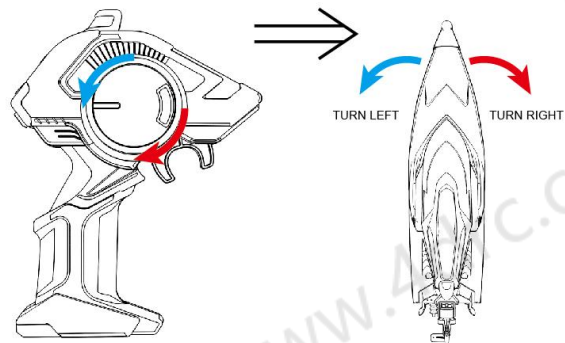
REMOTE CONTROL OPERATION INSTRUCTIONS

1. Place the remote control boat flat in the water.
2. Turn on the remote control switch and the indicator light flashes. After the remote control boat is put into water, the remote control and the boat will automatically check the frequency. When the indicator light of the remote control is steady on, the frequencies pair successfully. (Do not touch other keys when turning on the power of the remote control)



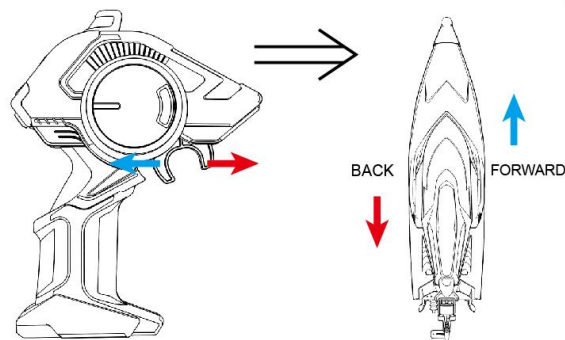
① Turn the steering wheel left, and the boat will turn left. The steering amplitude of the boat can be controlled by rotating the angle of the steering wheel.

② Turn the steering wheel right, and the boat will turn right. You can control the steering amplitude by rotating the Angle of the steering wheel.



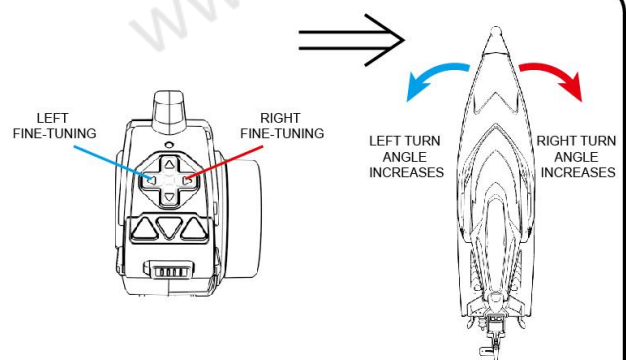
③ Pull the throttle trigger back and the boat will move forward. The forward speed of the boat can be adjusted by adjusting the angle of the throttle engine. During the progress, push the trigger forward quickly to stop it.

④ Push the throttle trigger forward and the boat will go backwards. By adjusting the forward angle of the throttle machine, the boat's backward speed can be adjusted.



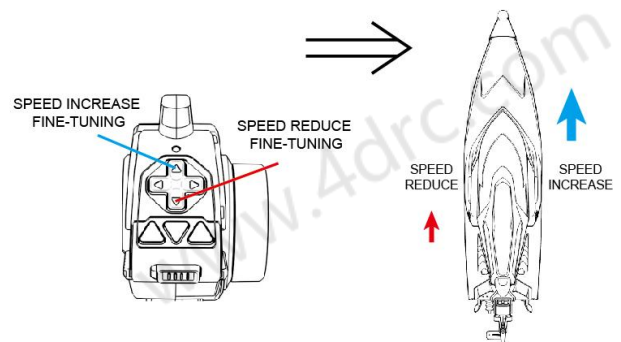
⑤ Fine-tuning to the left. When the boat runs straightly with a right deviation, press this function key to adjust and correct the course.

⑥ Fine-tuning to the right. When the boat runs straightly with a left deviation, press this function key to adjust and correct the course.



⑦ Fine-tuning to increase speed. The maximum forward speed is set to 80% by factory. Press this function key to increase the forward speed by 2% for each gear and 100% is the maximum.

⑧ Fine-tuning to reduce speed, the maximum forward speed is set to 80%, press this function key to reduce the forward speed, each gear by 2% and 60% is the minimum.



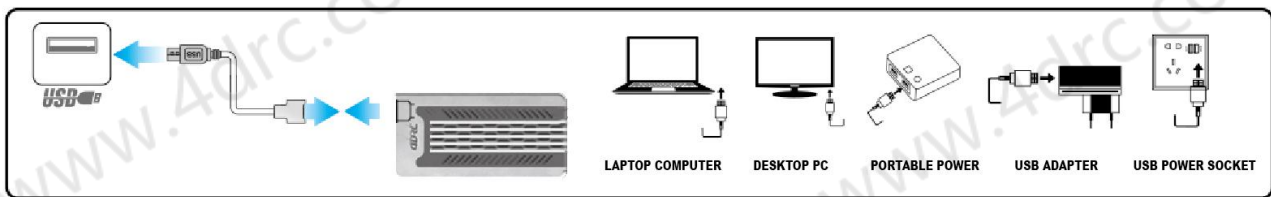
REMOTE CONTROL PROMPT ALARM AND FREQUENCY PAIRING

- 2.4G FREQUENCY PAIRING:** When the remote control turns on, the power light flashes, the buzzer will emit a drop. This product has the function of water protection, and it needs to put the boat into the water, the taillight of the hull power supply will flash, and the buzzer will emit two drops (one short and one long) after the frequency pairing is completed, and the red light and the stern light will be on.
- BOAT BATTERY LOW-VOLTAGE ALARM:** If the battery voltage is too low when the boat is running in the water, the red light of the remote control and the stern light will blink at a constant speed, with the buzzer beeping at a constant speed. It indicates that the remaining battery power is very low, please drive back at low speed and replace the battery.
- OVER DISTANCE OR INTERFERENCE ALARM:** When the remote control boat sails out of the safe distance or there is a signal interference, the red light of the remote control will flash quickly, and the buzzer will give a sound prompt of rapid drops. At this time, please shorten the remote control distance. If the safe distance is detected, the remote control will stop blinking and the red light will be on.
- REMOTE CONTROL LOW-VOLTAGE ALARM:** The red light of the battery of the remote control quickly flashes twice and stops once, and the buzzer sends out a drop of twice and stops once, which prompts you to replace the battery of the remote control.
- OUT OF WATER PROTECTION:** For safety consideration, this product is equipped with out-of-water protection, which needs to put the boat into the water, then to get frequency pairing. Please disconnect the hull battery and remote control power when leaving the water. Keep children away from or near the spiral.

PRECAUTIONS FOR CHARGING

BATTERIES LEAVE THE FACTORY WITH LESS CHARGE,
IT MUST BE CHARGED TO FULL CAPACITY BEFORE USE

1. Check that the charging input voltage is consistent with the local voltage.
2. The battery must be cooled before recharging.
3. Do not place the battery in the model while charging.
4. The charging time is about 4-6 hours.
5. When charging, the charging cable indicator light is steady red and flashing green, and when full, the red light is off and the green light is steady on.



BATTERY PRECAUTIONS

1. This product model uses 7.4V rechargeable battery. The remote control uses 3 1.5V # 5 batteries.
2. Pay attention to the polarity of the battery when installing or replacing the battery.
3. Non-rechargeable batteries are not rechargeable.
4. Rechargeable batteries must be charged under adult supervision.
5. Different types of batteries or old and new batteries should not be used together.
6. The exhausted battery should be taken out of the model.
7. The power connector shall not short circuit.
8. Do not short circuit, decompose or throw the battery into the fire.
9. Remove the battery if not used for a long time.
10. Used the charging equipment recommended by our factory .
11. Keep away from damp, corrosive environment and heat source.

- Please read and follow all precautions before use. Improper use of batteries may lead to danger.
- It is normal that the battery is hot after running. Be careful when handling the battery. If the wire is worn, it is easy to short circuit and cause fire.

- ★ Do not remove or reassemble the battery.
- ★ Do not short circuit the battery.
- ★ Do not put batteries in water.
- ★ Do not contact the leakage battery directly.
- ★ Do not use the tip to insert the battery or damage the battery in other ways.
- ★ Please use the charging cable that comes with the product to charge the battery.
- ★ Do not shock or throw the battery.
- ★ Do not charge near fire or under sunlight.
- ★ Do not use damaged or seriously deformed batteries.



THANK YOU FOR USING THIS PRODUCT. PLEASE READ THE CHARGING INSTRUCTIONS CAREFULLY BEFORE CHARGING

MATTERS NEEDING ATTENTION

- Thank you for choosing this product! The remote-controlled boat is designed to bring fun to remote control, and it is equipped with high-quality parts to improve durability and performance. The operation manual you are reading is intended to make the product easier to understand and more thoroughly explained. We hope you enjoy this high speed remote control boat.
- This is a high performance wireless remote control boat product, and it needs regular maintenance to obtain the best performance. Performance will be affected without regular maintenance. We have all the necessary parts and accessories to ensure that your remote control boat remains in peak performance.
- Warning or attention symbols warn you about potentially very dangerous steps. Please read and understand the instructions carefully before proceeding.

! FAILURE RECOVERY

STATUS DESCRIPTION	CAUSE	SOLUTION
THE BOAT IS NOT RUNNING	BOAT BATTERY LOW	REMOVE THE BATTERY TO CHARGE
	BOAT BATTERY LOW	REPLACE A NEW BATTERY
	THE BOAT IS ENTANGLED IN DEBRIS	REMOVAL DEBRIS
	THE MOTOR HAS REACHED ITS EFFECTIVE SERVICE LIFE	REPLACE THE MOTOR WITH THE SAME ONE IN THIS SECTION
FREQUENCY PAIR TAKES LONG	SIGNAL INTERFERENCE	RESTART THE REMOTE CONTROL
CONTROL DELAY	ENCOUNTERING OBSTACLES OR DISTRACTIONS	PAUSE FOR A FEW SECONDS OR AVOID OBSTACLES OR DISTRACTIONS



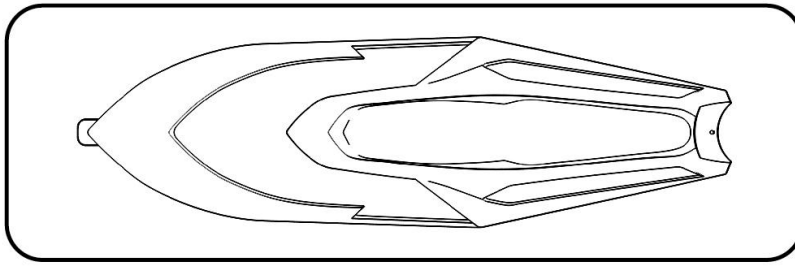
WARNING



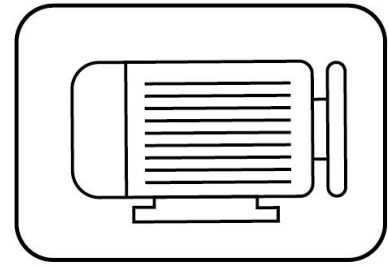
ATTENTION

FOR SAFETY CONSIDERATION, THIS PRODUCT IS EQUIPPED WITH OUT-OF-WATER PROTECTION, WHICH NEEDS TO TURN ON THE POWER OF BOTH THE BOAT AND THE REMOTE CONTROL, AND PUT THE BOAT INTO THE WATER, THEN TO GET FREQUENCY PAIRING. PLEASE DISCONNECT THE HULL BATTERY AND REMOTE CONTROL POWER WHEN LEAVING THE WATER. KEEP CHILDREN AWAY FROM OR NEAR THE SPIRAL.

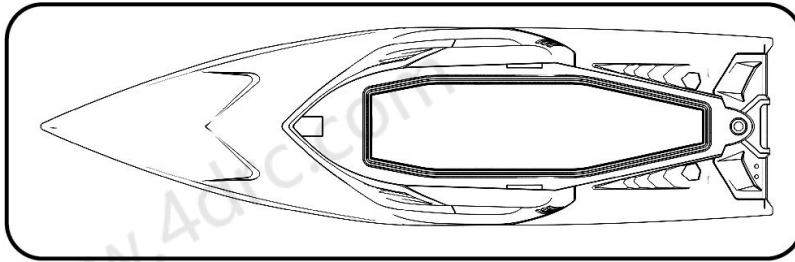
PRODUCT MAIN PARTS



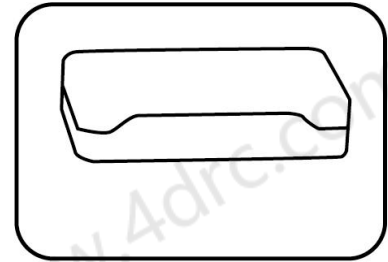
COVER



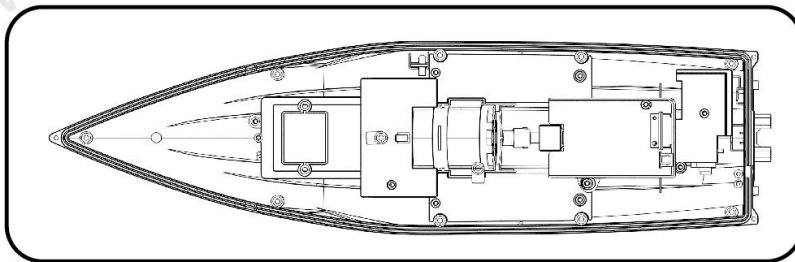
MOTOR



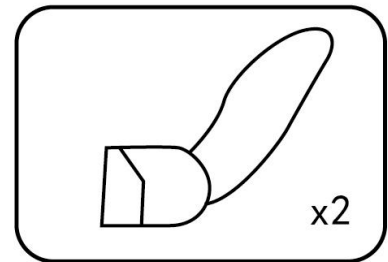
BOAT HOOD



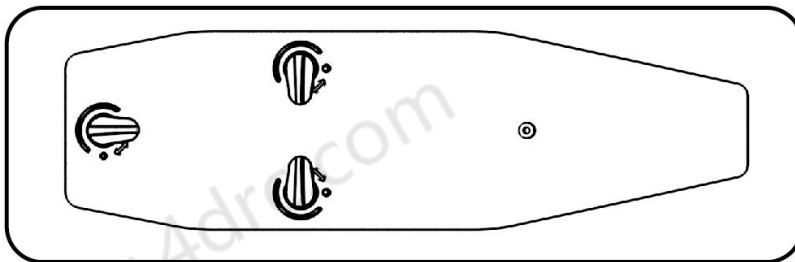
BATTERY



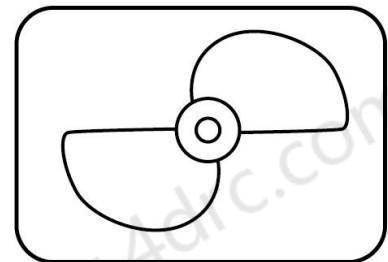
BOTTOM



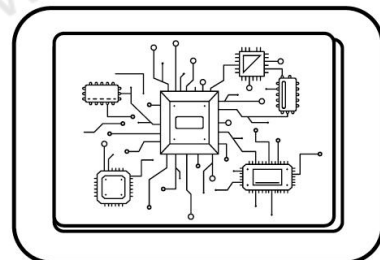
NAVIGATION RUDDER



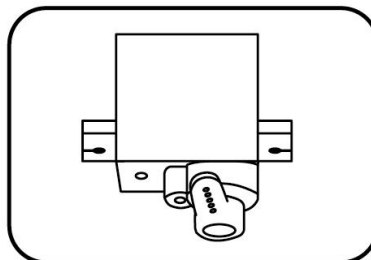
WATERPROOF BARRIER



PROPELLER



CIRCUIT BOARD



STEERING GEAR

4DRC

Just Four Dreams