

AGE 14+

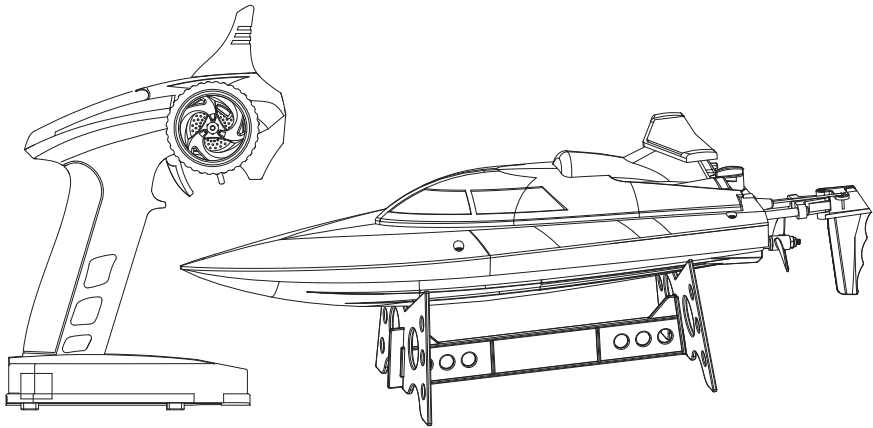
SONIC 14



High Speed Racing Boat

China Patent No.:

201220680989.1 201210532254.9 201230618830.2



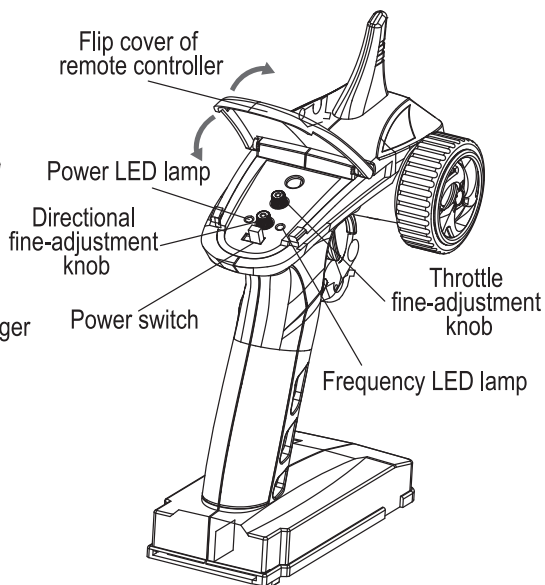
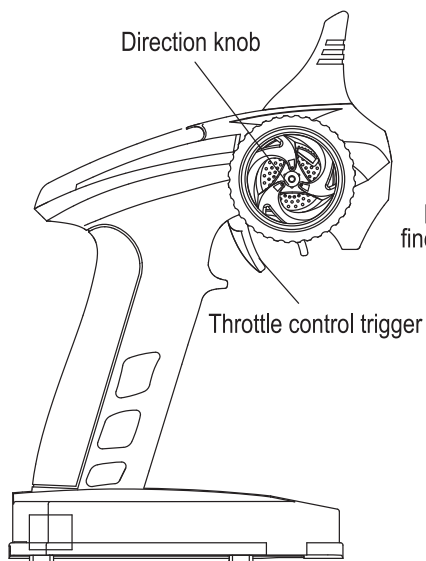
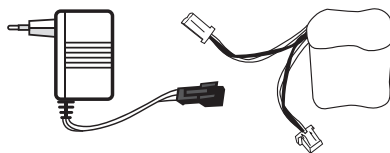
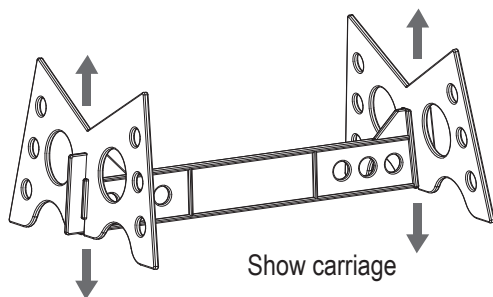
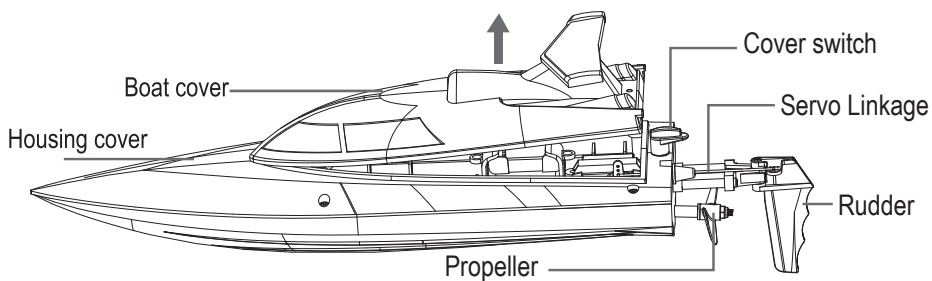
Operating Instructions For 2.4G High-Speed SONIC 14 R/C Boat

PLEASE READ INSTRUCTION MANUAL CAREFULLY BEFORE OPERATING

Specifications

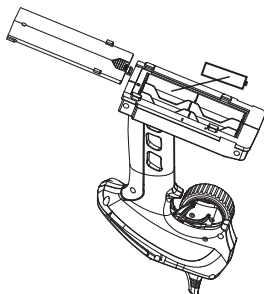
- Powerful 370-Size brushed motor system
- 2.4ghz full-directional radio control
- Rechargeable Li-ion battery and charger included
- Maximum speed aprox. 20km/h
- Length 350mm x Width 88mm x Height 70mm

Main Structures of Remote Control Boat



Installing Batteries in Remote Controller

Open battery cover on controller and correctly insert six 1.5V AA batteries. Close cover and tighten screws.(see the figure)



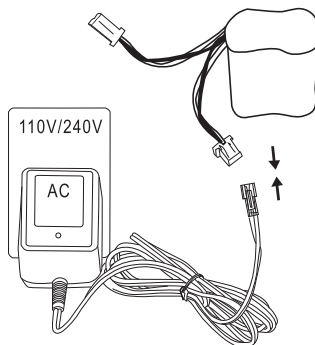
Six 1.5 V AA batteries
(Batteries not included)

Rechargeable Battery

Connect the battery to the charger. Plug the charger into a power outlet and fully charge (about 3.5hrs). **DO NOT LEAVE CHARGING BATTERY UNATTENDED.** Battery may be warm when charging is complete. Disconnect the charger from the outlet, then the battery from the charger.

BATTERY PRECAUTIONS

- AA alkaline batteries recommended for controller
- Non-rechargeable batteries cannot be recharged
- Do not dismantle or short circuit batteries
- Keep batteries away from heat and flame
- Charge rechargeable batteries under adult supervision
- Remove rechargeable battery from boat before charging and when not in use
- Remove battery before cleaning
- Regularly check all wires, plugs and batteries to ensure proper performance and safety. In case of damage discontinue use until repair



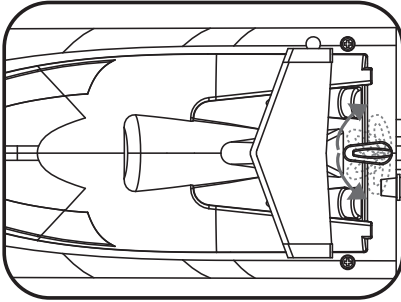
Lithium Battery Safety Precautions

Our company is not liable for any damages or injury caused by appropriate or inappropriate use of this product

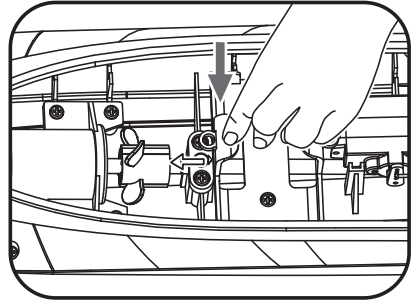
Warning:

Check all batteries before charging and before use. Do not use or charge damaged batteries. Do not over-charge batteries. Keep batteries away from heat and flame. Lithium is highly reactive with water; always keep batteries away from water and humid conditions. Keep out of reach of children and pets. Product should not be used by persons under 14 years of age, and should be accompanied by an adult until 18 years of age. Our company is not liable for any damages resulting from improper use or handling of the product.

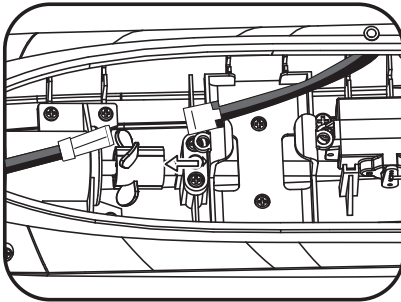
Installing Boat Battery



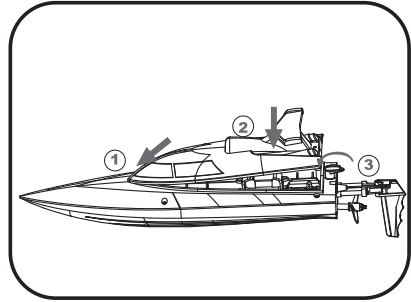
1. Turn switch on boat cover to open



2. Place Li-Ion battery into holder in boat body



3. Connect the battery



4. Replace boat cover and turn switch to fasten

Activating And Pairing The Boat

Make sure the transmitter is OFF and connect the battery. Place the boat in water and turn the transmitter to ON, a solid red light and blinking green light will appear. Wait for about 5 seconds and the green light will turn solid. The boat is now paired and ready to go!

****Remember, the transmitter must be OFF before connecting the battery**

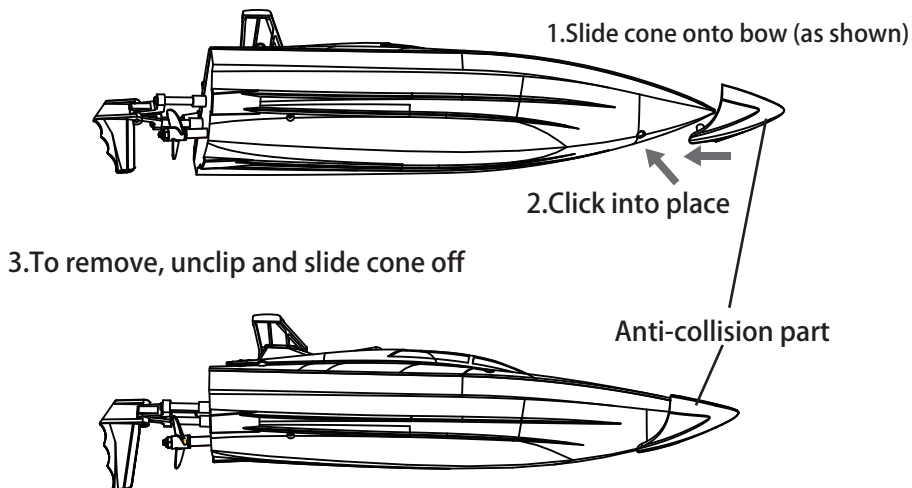
Safety Warning

For safety and the prevention of injury by the propeller, the boat should not be used out of water. **DO NOT OPERATE BOAT OUT OF WATER.** Initial steering trim may be needed to correct unwanted movement.

1. This boat should not be used by persons under 14 years of age, and should be accompanied by an adult until 18 years of age.
2. Do not use boat in areas where people are swimming.
3. Inspect playing area for any foreign objects ie. Trees, roots, rocks.
4. Maximum control range is 150meters, going beyond this may cause this boat to lose control.
5. Whenever you are not using your model turn off the controller and unplug the rechargeable battery from the boat.
6. This model is equipped with a low-voltage cut-off, your speed will decrease significantly when the battery is low. At this time bring your model to shore.
7. Always be safety-conscious. If your model gets out of control, retrieve it safely. Always play safe.

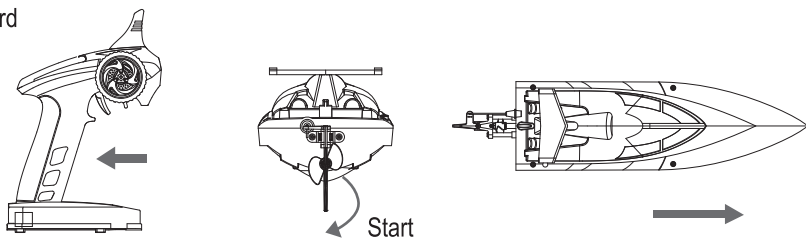
Installation of Protective Cover

Nose guard can prevent damage to the bow due to collision.
Refer to illustration:



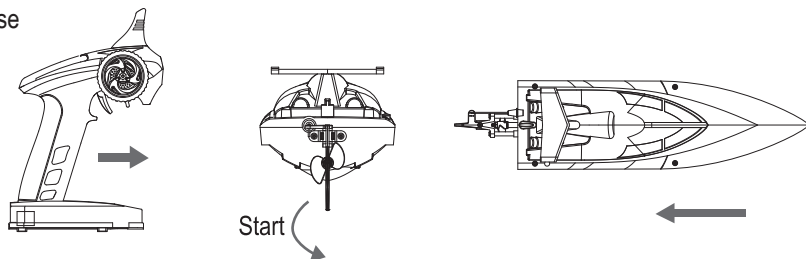
Operation of Boat

Forward



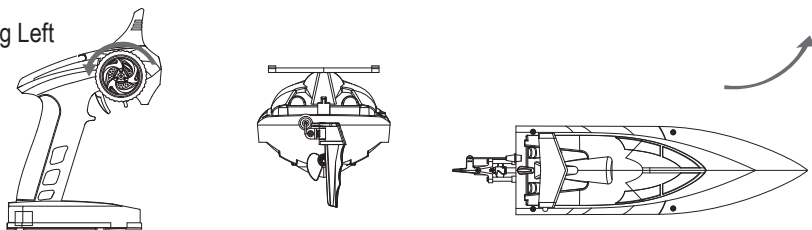
Pull trigger toward body of controller, this will make the boat move forward.

Reverse



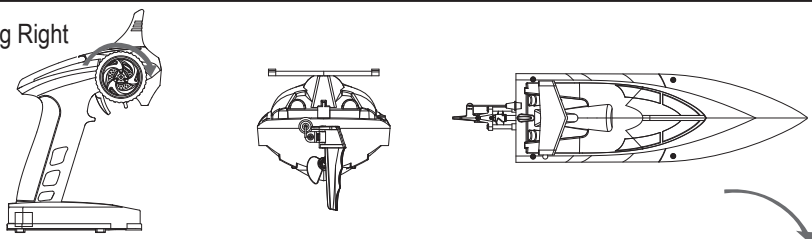
Push trigger away from body of the controller, this will make the boat move backwards.

Turning Left



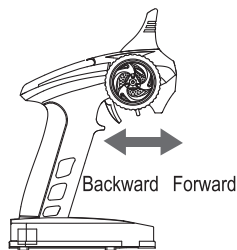
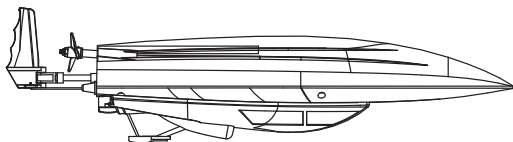
While moving turn the direction knob counter-clockwise and the boat will turn left.

Turning Right



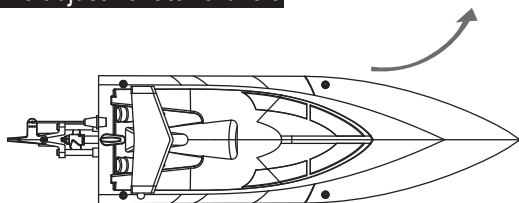
While moving turn the direction knob clockwise to turn right.

Self-Righting

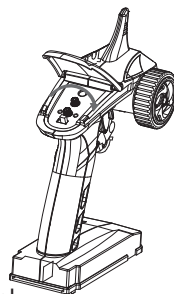


In the case where your boat is upside-down, just push and pull on the trigger, and the boat will automatically right itself.

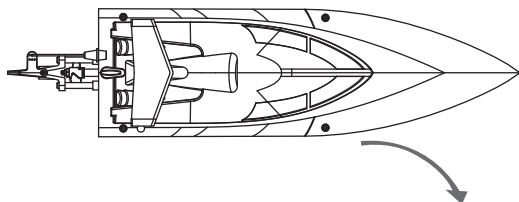
Fine adjustment toward left



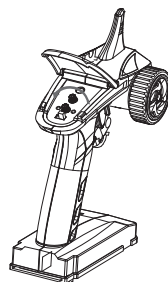
If your model is automatically turning left, slowly rotate the Directional fine adjustment knob clockwise (as shown), this will correct the drift and allow the boat to move forward accurately.



Fine adjustment toward right



If your model is automatically turning right, slowly rotate the Directional fine adjustment knob counter-clockwise (as shown), this will correct the drift and allow the boat to move forward accurately.



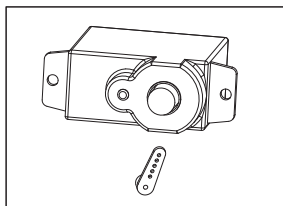
Low-Voltage Cut Off Feature

This model is equipped with a low-voltage cut-off. The boat's speed will decrease significantly when the battery is running low. At this time bring your model to shore and recharge/replace to a full battery.

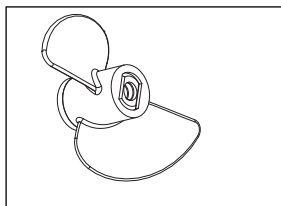
Maintenance And Inspection

1. Keep body of boat clean and store out of direct sunlight.
2. After use, clean model and use a soft cloth to absorb any water that has accumulated.
3. Always remove batteries from both the boat and the controller when not in use.
4. Occasionally apply provided lubricant to the boats drive shaft connection in order to keep it turning smoothly.

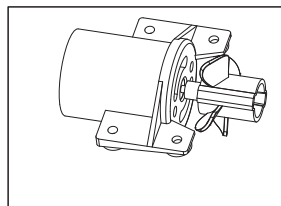
Spare Parts



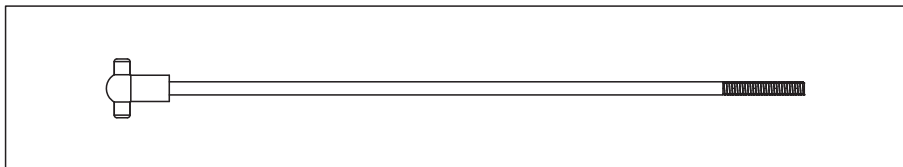
Steering servo



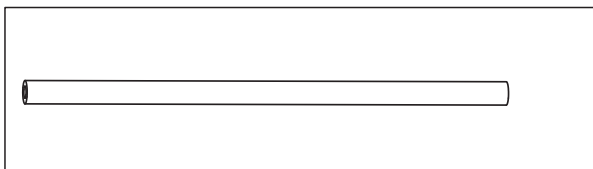
Propeller unit



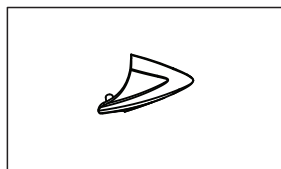
Motor unit



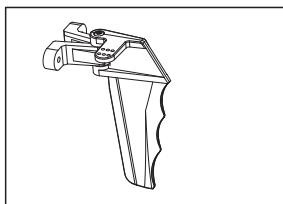
Drive shaft linkage



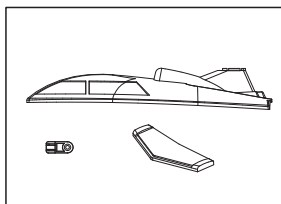
Outer shaft



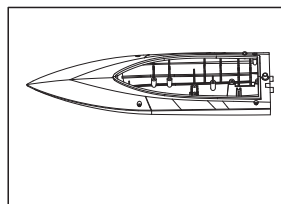
Protective cone



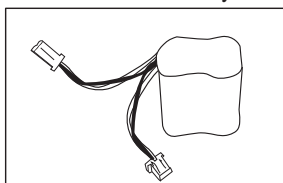
Rudder assembly



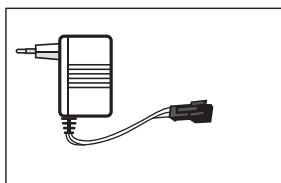
Boat cover unit



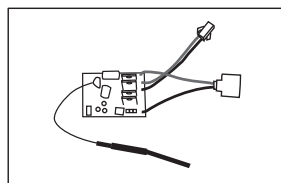
Boat bottom



7.4V Li-ion



UL Charger



Control board

We believe that you should make the most out of your boat. If you are ever in need of advice, service or parts please visit our website for a list of our retailers and service centers.

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