

14+

# **H100 2.4G**



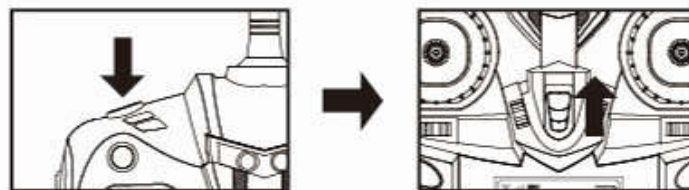
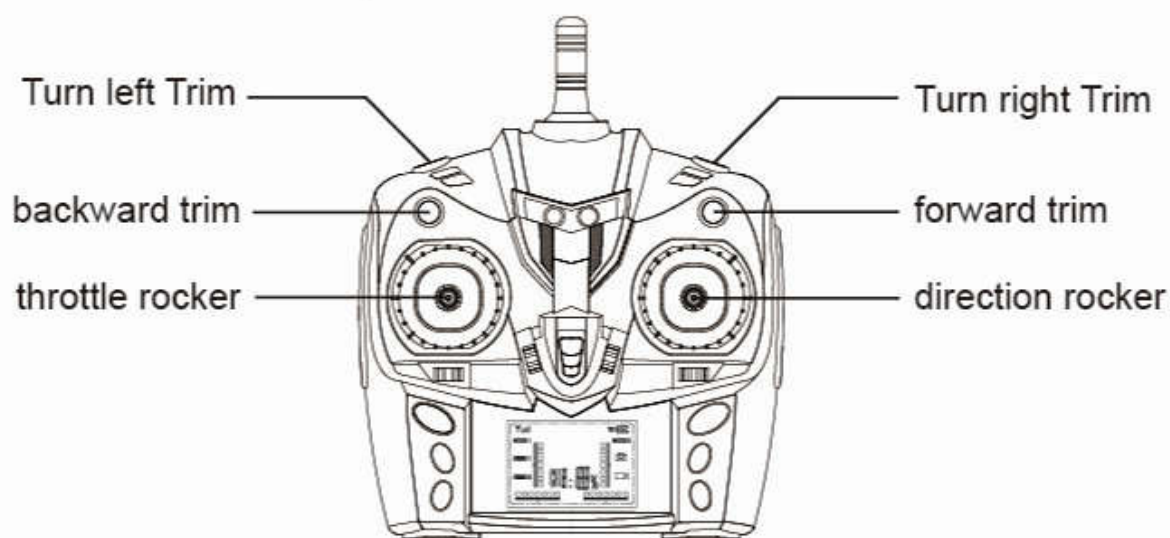
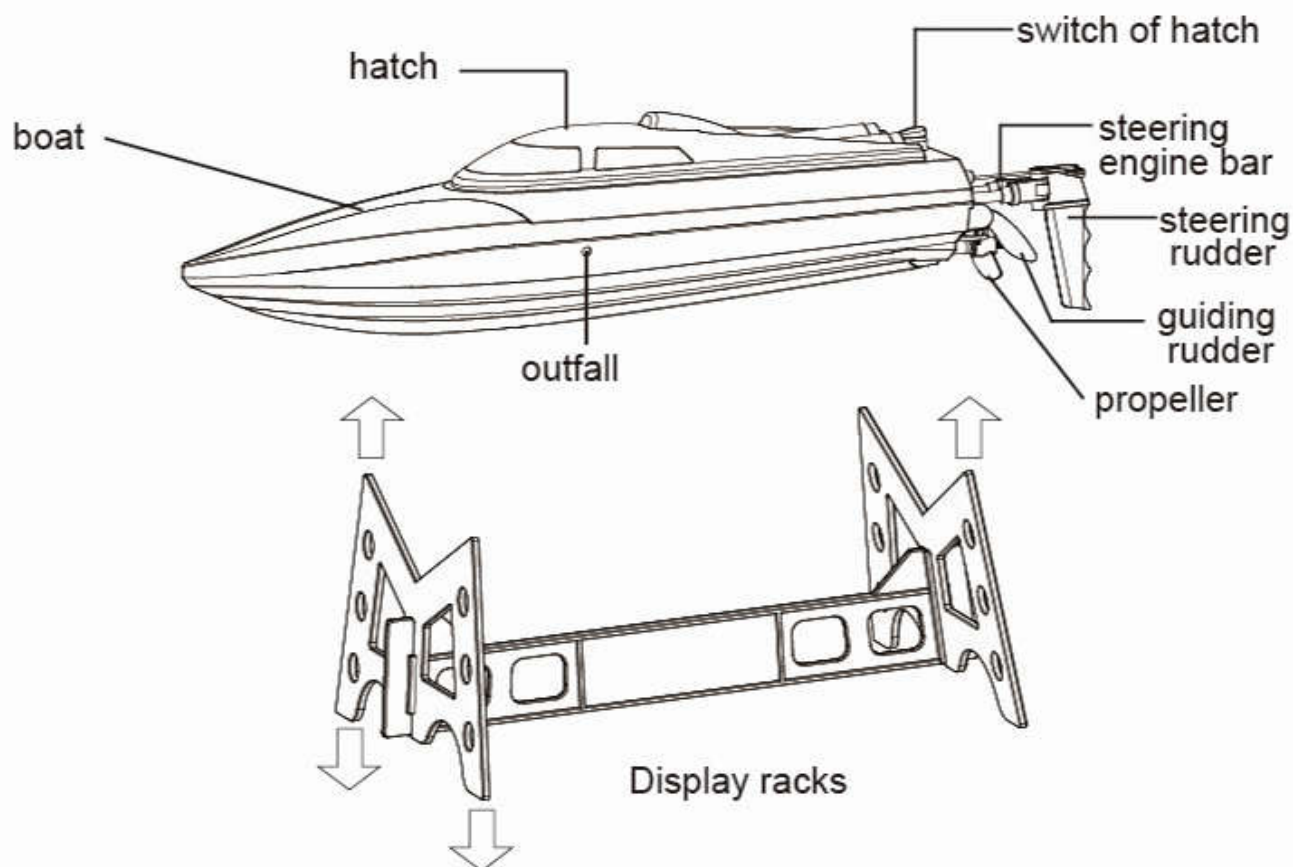
## **2.4G RC BOAT OPERATING INSTRUCTIONS**

1

- 1.This product adopts 370 strong magneto drive system, uses the advanced 2.4 G technology of frequency connection,Further remote distance.
- 2.Configuration of lithium ion battery.The speed about 20KM/H.
- 3.The characteristic flip: While sailing ship capsizing can control the boat flip, ensure correct voyage.
- 4.Motor cooling system: extending the service life of the model.
- 5.Have left,right side navigation rudder:enhanced stability.
- 6.Low voltage alarm function:when the deficiency of the model,the remote controller will send out alarm. (After the alarm sounds,please get the boat back immediately.prevent the model without electricity in coming back.)

**The packaging has to be kept since it contains important information.**

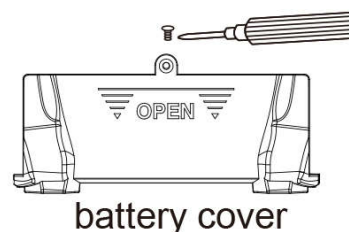
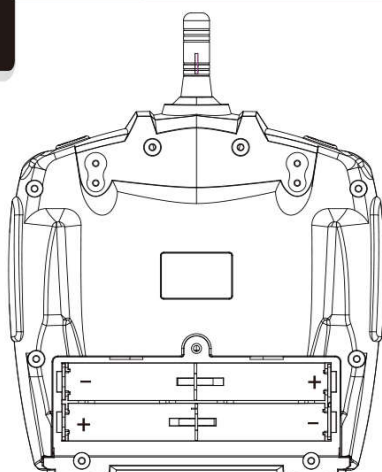
## RC boat main structure diagram



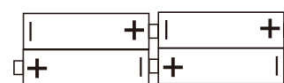
The default mode is left hand, press the button of turn left/right trim and open the power switch at the sametime. Then loosening the Trim button .Switched to the right hand mode when you listen a sound of "Di". Restart it will be left hand mode.



## Inserting battery



battery cover

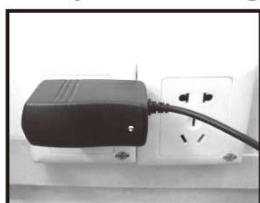


4 x "AA"

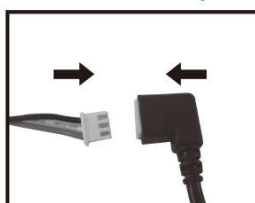
Inserting batteries:remove the battery compartment on the back of the remote controller and insert 4"AA" alkaline batteries,paying attention to the polarity markings in the battery compartment(batteries must be purchased separately).

## Charging the model battery

Style 1: charger with balance charge 110-240V power supply.(selective buying)



1.Insert the plug in the socket.



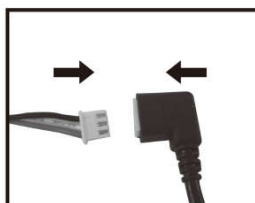
2.Connect the battery and charger plug.

**NB:**The red indicator turns on when charging and green indicator turns on when charging is complete.

Style 2:USB(standard configuration)



1.USB connected to the computer.

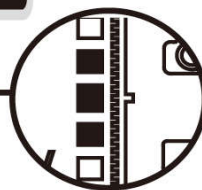
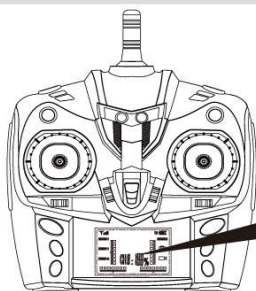


2.Connect the battery and charger plug.

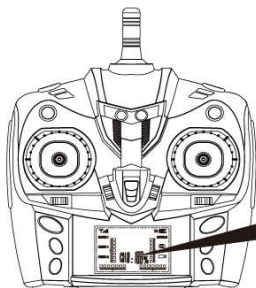
**NB:**The red indicator turns on when charging and go out when charging is complete. This USB can be compatible with any phones,PC (7.4V USB)for rechargeable batteries.

- 1.Install batteries in correct polarity.
- 2.Do not mix old and new batteries.
- 3.Do not mix different type of batteries.
- 4.Non-rechargeable batteries cannot charging.
- 5.Rechargeable battery must be charged under adult supervision.
- 6.Power terminal shall not be short circuit.
- 7.Unable to connect to more than the recommended number of power supply.
- 8.Only can be used the USB cable for charging with producers provide,USB not a model.
- 9.Exhausted batteries are to be remove from the toy.

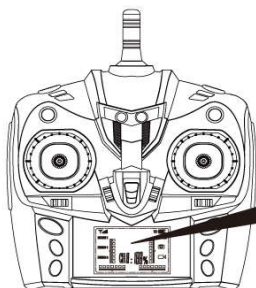
# Intriduction of the Liquid crystal display



forward/backward trim

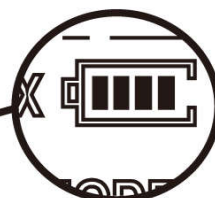
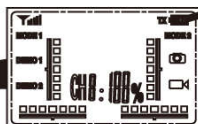
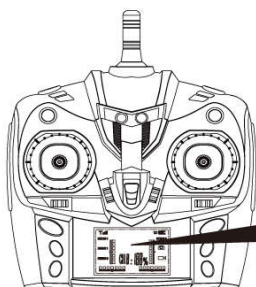


Turn left/Right trim

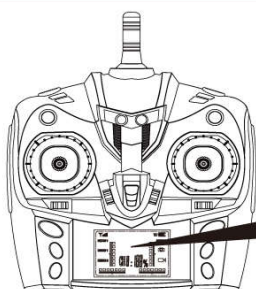


Throttle/direction display

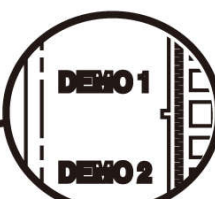
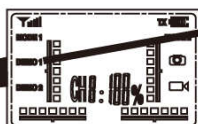
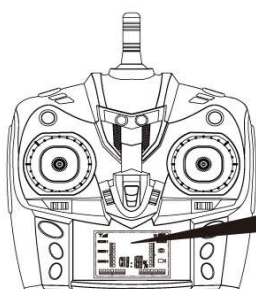
**NB:**CH1 is forward display ,CH2 is backward display.  
CH3 is turn left display,CH4 is turn right display.



Battery level:  
boat battery level



signal



Left/Right hand Mode

## Inserting battery into the boat



fig. 1

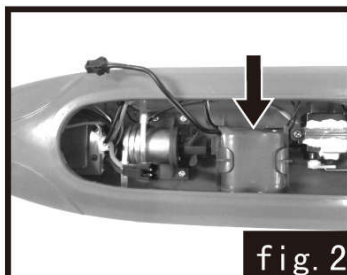


fig. 2

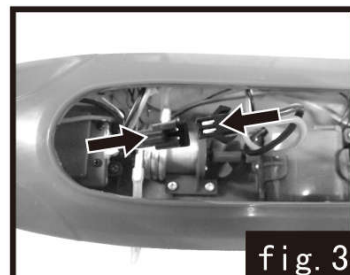


fig. 3

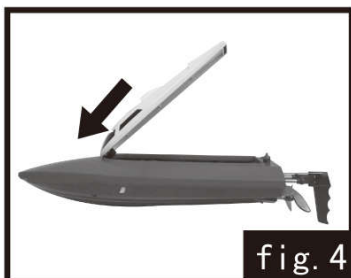


fig. 4

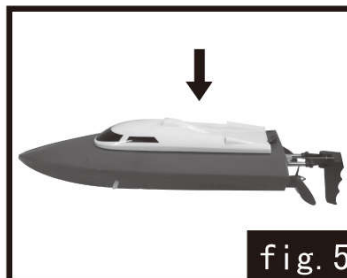


fig. 5



fig. 6

- 1.To the right or left turn on the switch of cabin, open up the cabin cover.
- 2.Put the li-po into the battery holder of the hull.
- 3.Connect the battery and power plug.
- 4.The cabin cover oblique inserted into the hull.
- 5.Tamp down the cabin cover.
- 6.Twisting the left/right of the switch until cocking the cabin cover.

## Lubrication oil on the spindle tube wall

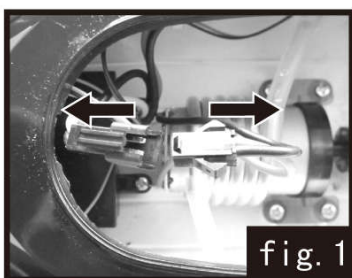


fig. 1

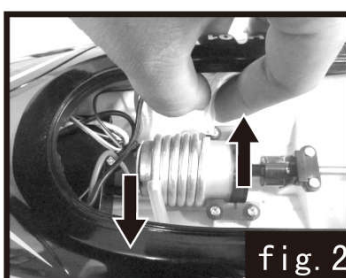


fig. 2

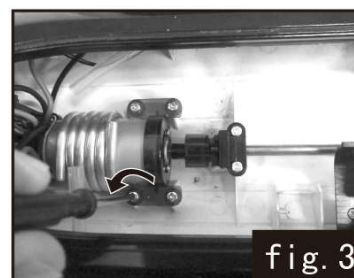


fig. 3

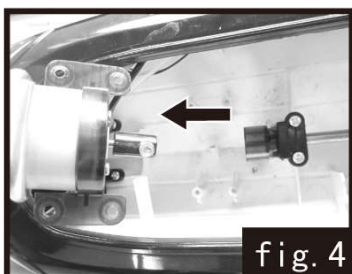


fig. 4

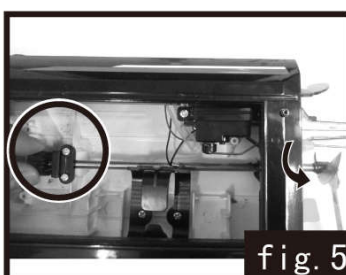


fig. 5

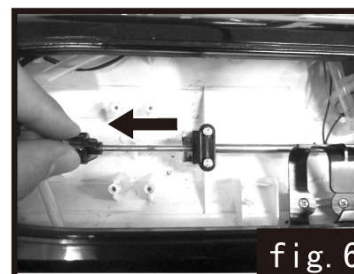


fig. 6

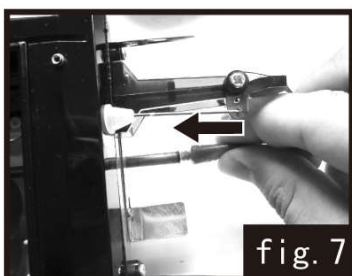


fig. 7



fig. 8

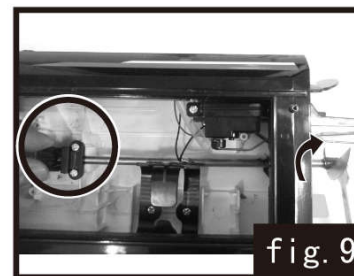


fig. 9



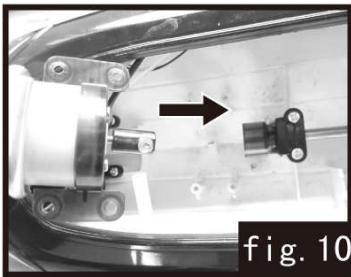


fig. 10

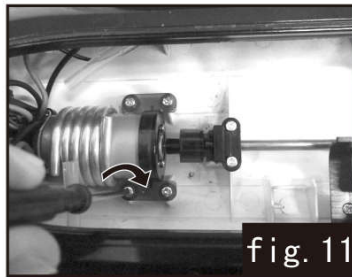


fig. 11

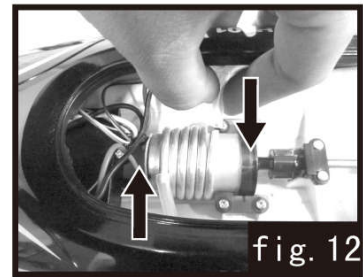


fig. 12

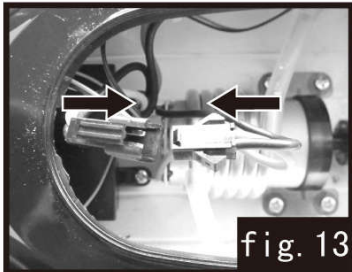


fig. 13

- 1.Put out the motor wire(see fig.1)
- 2.Put out the cooling rubber hose(see fig.2)
- 3.Screw out the motor seat screw(see fig.3)
- 4.Remove the motor seat module (see fig.4)
- 5.Hold down the main shaft rubber pieces,using a wrench lockout and propeller(see fig.5)
- 6.Put the spindle away a distance in the direction of the bow(see fig.6)
- 7.In a moderate amount of lubrication oil to the tail of the spindle tube.(see fig.7)
- 8.Spindle rotating forward and backward,pulls slowly,let the lubrication oil on the spindle tube wall evenly.(see fig.8)
- 9.Hold down the main shaft rubber,using a wrench tightened the screw down and propeller (see fig.9)
- 10.Load the motor seat module (see the fig.10)
- 11.Lock the motor seat screw(see fig.11)
- 12.To reconnect the cooling rubber hose(see fig.12)
- 13.To reconnect the motor wire(see fig.13)

**NB:** 1.battery wire exhaust to boat side,to prevent the wire were cut off by the steering wheel.  
 2.All plug need tightly.  
 3.insure the cabin cover tightly,prevent leakage.

## To pair the boat with the remote controller

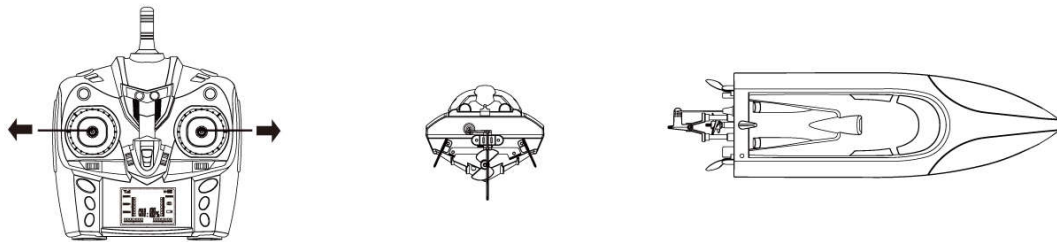
Put the model into the water (Boat need in the water to conduction the power ). Turn on the remote controller. The controller LED indicator will flashing and "Di", the remote controller will "di-do-di" the controller LED indicator will stay constant ,it means paired with the remote controller. Then you can play it.

## WARNING

- 1.This product is suitable for people over the age of 14. Must only operate it when supervised by an adult.
- 2.Finish the voyage,cannot recharge the battery immediately until the battery cooling.
- 3.When the ship sailing,insure the area without people.Cannot have aquatic or debris in the water,avoid the propeller were caught or damage to the ship.
- 4.This product have some small parts,Don't swallow in order to avoid choking danger.
- 5.Please keep a safe distance with the void high speed rotating propeller , avoid ground injury risk.Battery matters attention.
- 6.Motor is a hot parts,pls don't touch it,in order to avoid scalding danger.
- 7.Regularly check the USB cable and other parts for damage,should stop using until repair intact if have something broken..

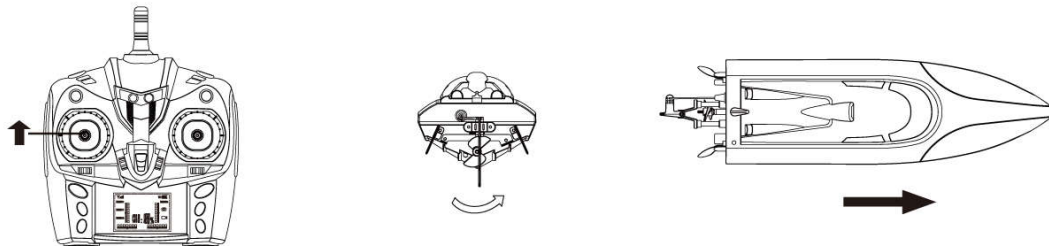
# Operation method /left hand mode

## 1. Correction



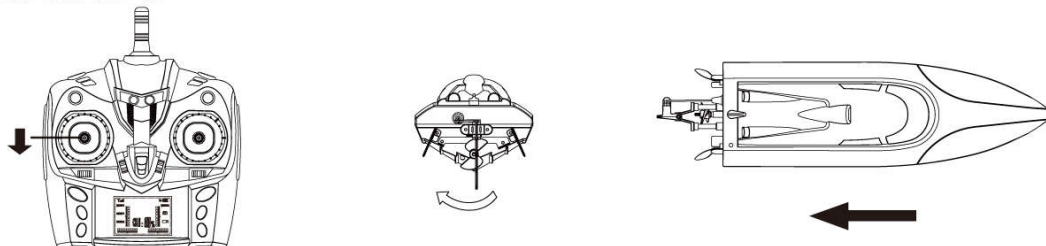
Throttle lever is pushed left, The direction of the rocker is pushed right, when have a sound of “di”, means correction was succeeded.

## 2. Forward



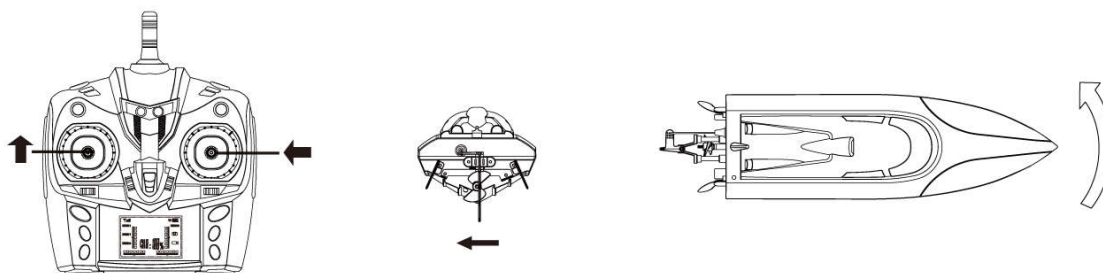
Throttle lever is pushed forwards. The boat moves forward.

## 3. Backward



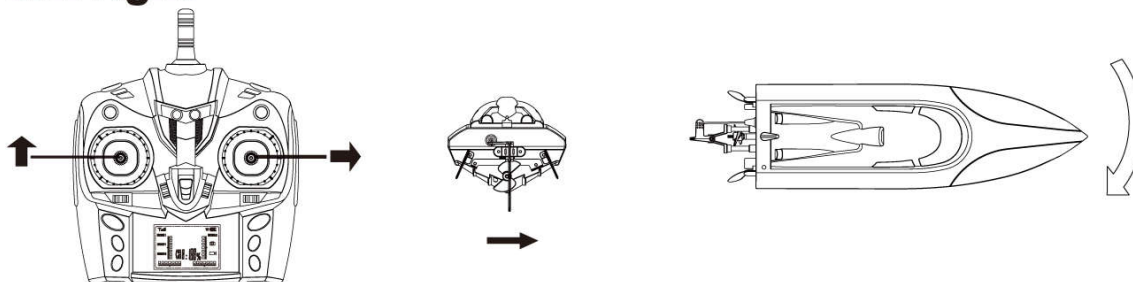
Throttle lever is pushed backwards. The boat moves backward.

## 4. Turn left



Throttle lever is pushed forwards and the direction rocker is pushed left at the same time. The boat turns left.

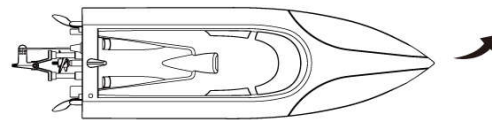
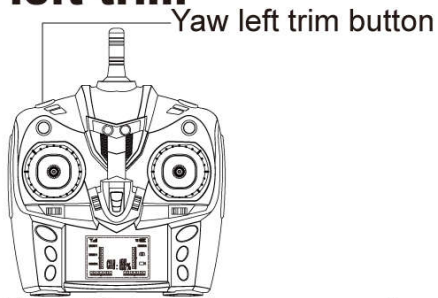
## 5. Turn right



Throttle lever is pushed forwards and the direction rocker is pushed right at the same time. The boat turns right.

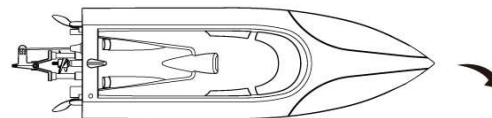
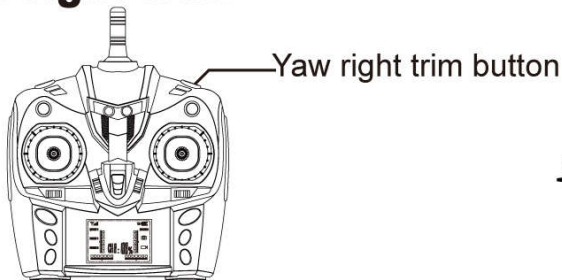


## 6.Yaw left trim



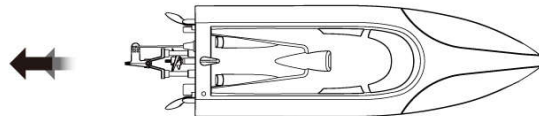
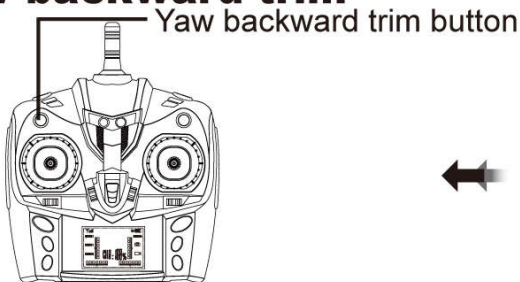
When the ship on the voyage turn right automatic , press the yaw left trim button on the controller,boat will turn left slowly until it straight navigation.

## 7.Yaw right trim



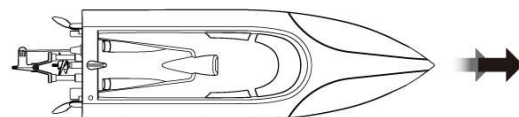
When the ship on the voyage turn left automatic , press the yaw right trim button on the controller,boat will turn right slowly until it straight navigation.

## 8.Yaw backward trim



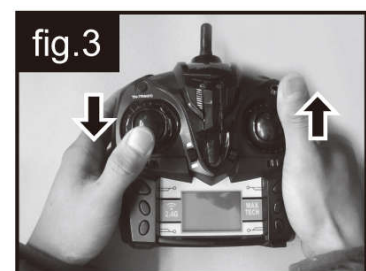
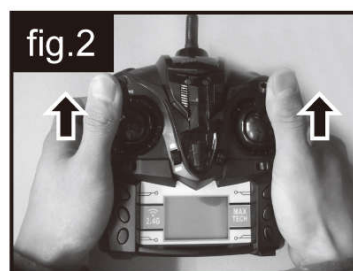
When the throttle level in the middle , the boat still forward ,press the yaw backward trim button on the controller until it stop forward.

## 9.Yaw forward trim



When the throttle level in the middle , the boat still backward ,press the yaw forward trim button on the controller until it stop backward.

## 10.180°Flip

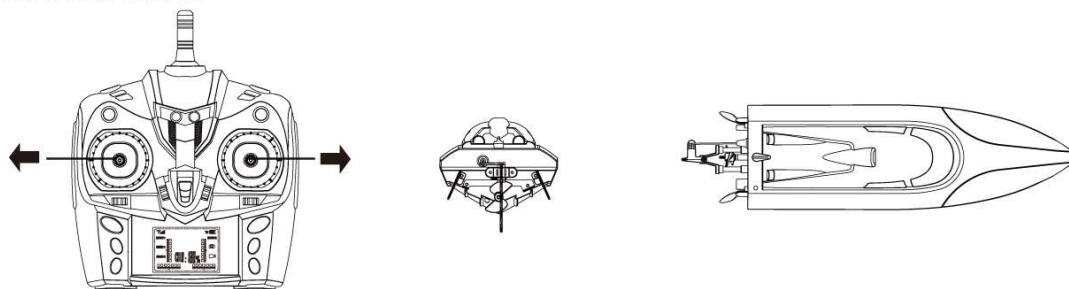


When the boat turnover,Pls put the rocker forward(fig.1),put the throttle rocker forward(fig.2),keep2-3s,then put the throttle roker back(fig.3),stay 2-3s,repeated operation fig.2 and fig.3 until the boat flip.When we play the fig.2 and fig.3 ,keep the rocker fixed.



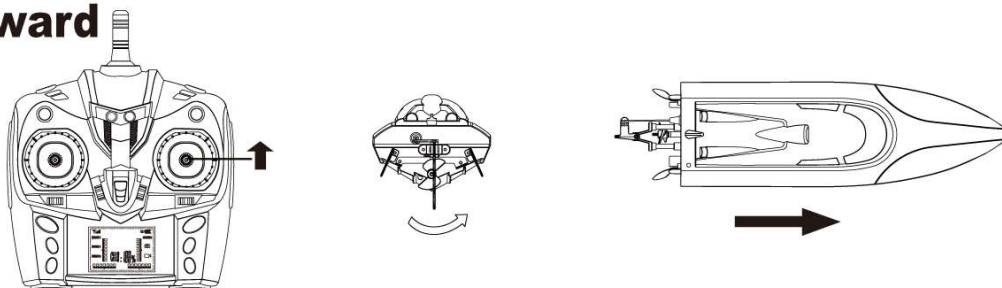
## Operation method/right hand mode

### 1. Correction



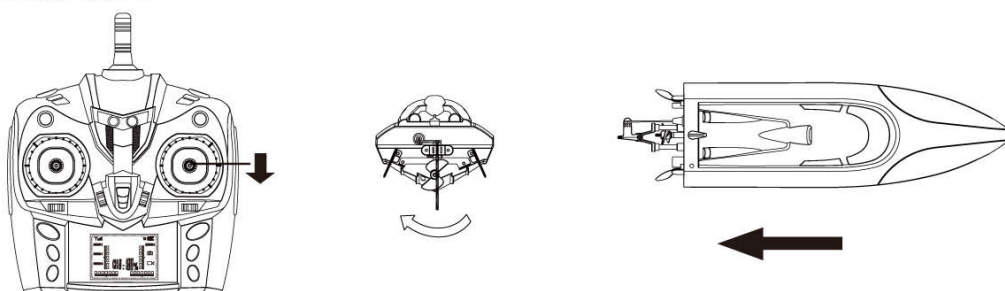
Throttle lever is pushed right, The direction of the rocker is pushed left, when have a sound of “di”, means correction was succeeded.

### 2. Forward



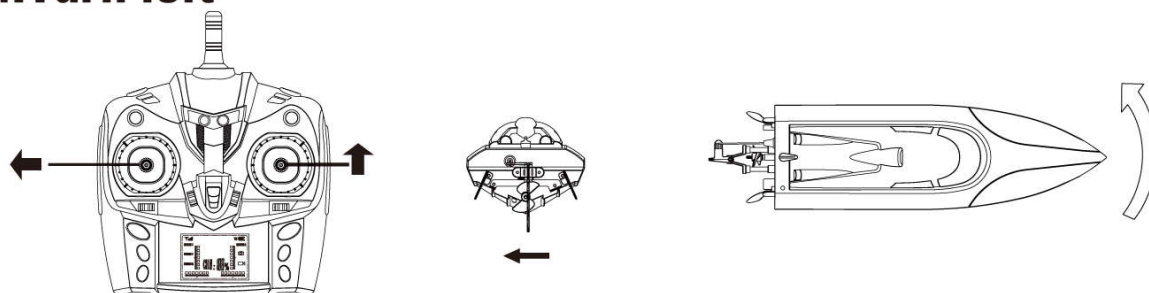
Throttle lever is pushed forwards. The boat moves forward.

### 3. Backward



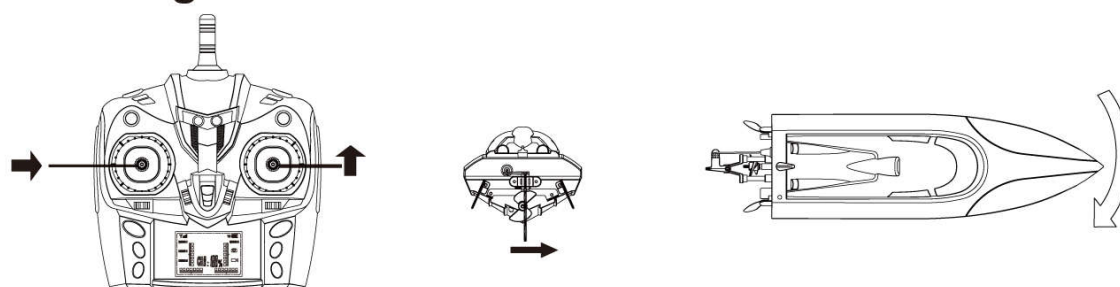
Throttle lever is pushed backwards. The boat moves backward.

### 4. Turn left



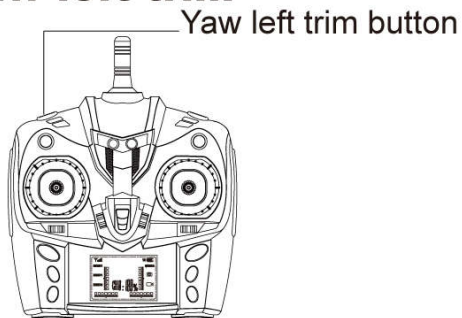
Throttle lever is pushed forwards and the direction rocker is pushed left at the same time. The boat turns left.

### 5. Turn right



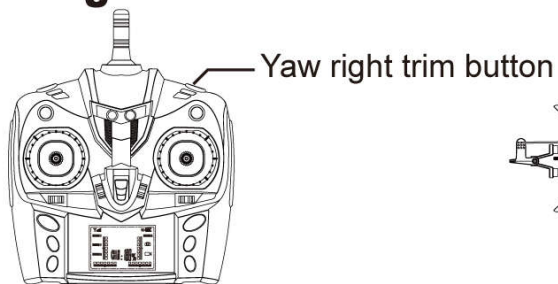
Throttle lever is pushed forwards and the direction rocker is pushed right at the same time. The boat turns right.

## 6.Yaw left trim



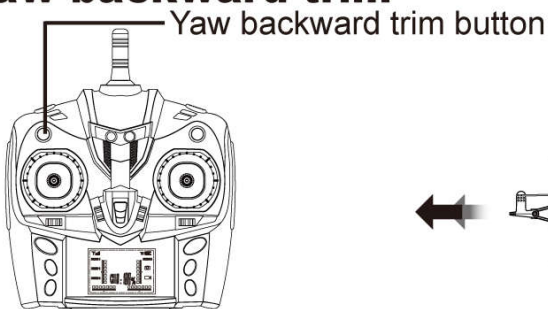
When the ship on the voyage turn right automatic, press the yaw left trim button on the controller,boat will turn left slowly until it straight navigation.

## 7.Yaw right trim



When the ship on the voyage turn left automatic, press the yaw right trim button on the controller,boat will turn right slowly until it straight navigation.

## 8 .Yaw backward trim



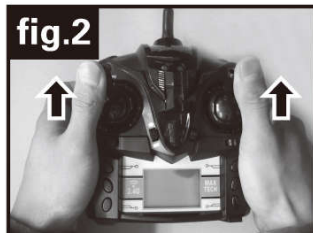
When the throttle level in the middle , the boat still forward ,press the yaw backward trim button on the controller until it stop forward.

## 9.Yaw forward trim



When the throttle level in the middle , the boat still backward ,press the yaw forward trim button on the controller until it stop backward.

## 10.180° Flip

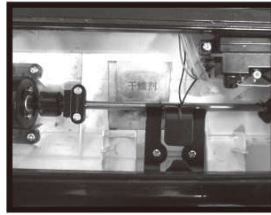
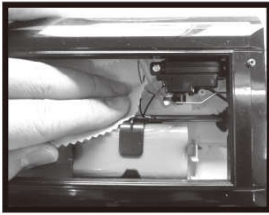


When the boat turnover,Pls put the rocker forward(fig.1),put the throttle rocker forward(fig.2),keep 2-3s,then put the throttle rocker back(fig.3),stay 2-3s,repeated operation fig.2 and fig.3 until the boat flip.When we play the fig.2 and fig.3 ,keep the rocker fixed.



## Maintenance

1. stop work pls remove the battery.
2. The surface of the boat should avoid exposure long time, prevent to take off the lacquer; After paly, the surface applied dry cloth clean.
3. When the ship not play for a long time, Need removed the remote controller battery To prevent battery leakage damage to the remote controller.



**NB:** After play, use the dry cloth blot up the moisture inside the cabin. And add some desiccant, To ensure that the hull is dry.

## Replace the fittings



H100-01  
Receiving plate



H100-02  
motor



H100-03  
battery



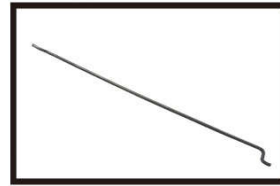
H100-04  
steering engine



H100-05  
USB Charger



H100-06  
Discharge pipe



H100-07  
steering engine bar



H100-08  
propelle



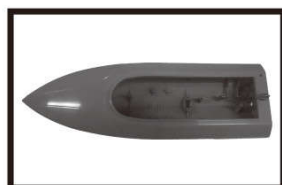
H100-09  
screw



H100-10  
spindle tube



H100-11  
Stern rudder  
position tube



H100-12  
body



H100-13  
hatch



H100-14  
Display racks



H100-15  
tail vane



H100-16  
guiding rudder



H100-17  
silicone waterproof circle



H100-18  
Charging cable

## FCC statement

**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.**

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



[www.skytechtoys.com](http://www.skytechtoys.com)



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