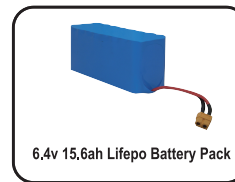
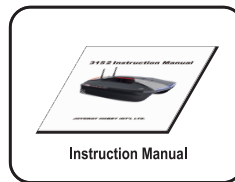


RADIO CONTROL BAIT BOAT

Instruction Manual



MODEL NO:3152
DIMENSION:600x315x230mm
WEIGHT: 4.1 kg



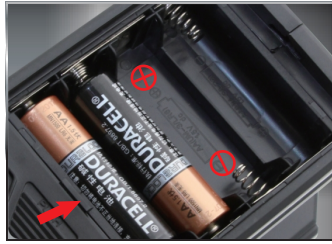
Important Safety Note

1. This boat is not a toy, It is not intended for persons under 14 years of age.
2. Always take the boat batteries out of the boat while transporting the boat.
3. The boat and transmitter batteries should be stored outside the boat and transmitter.
4. Never overcharge the batteries, Switch charger off when red light on charger turns green.
5. Never leave boat and batteries in direct sunlight as this cause the boat and batteries to become very hot.
6. In periods of inactivity ensure the batteries are disconnected from the boat and transmitter batteries are not left in the transmitter.
7. DO NOT leave wet particles inside the boat.
8. DO NOT use non-original chargers to charge the battery.
9. DO NOT use the product where there are many people swimming.
10. DO NOT use the boat in the water where are many obstacles and water plants.
11. DO NOT make power battery touch products with sharp edges to avoid damage and short circuit.
12. DO NOT store and charge the battery under the environment of high temperature or high humidity.
13. DO NOT operate the boat when in storm and thunder weather, As wireless remote control is extremely dangerous in such weather conditions.
14. DO NOT operate the boat where there are radio towers and high voltage substations, such circumstance will badly affect the GPS and radio signal.
15. If the boat has problem in the water, people shall not swim to get the boat back.

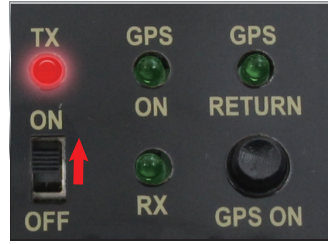
Transmitter Battery Instruction



Open battery cover

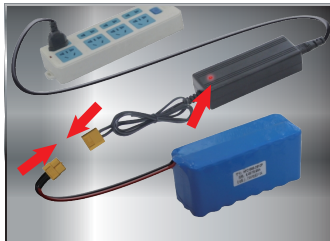


Put in 4 AA battery, close the cover, notice correct polarity

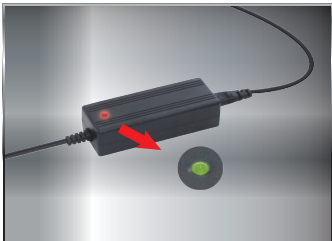


Switch on power, TX LED light on.
Note: Switch on Transmitter firstly before connect power battery with boat.

Power Battery Charging



Use charger to connect power outlet, connect battery with charger



The light of the charger turns solid on to indicate charging. The light will turn green after fully charged.

WARNING:

DO NOT leave battery on charge overnight.
DO NOT leave battery unattended during charging.
DO NOT charge battery when battery is inside boat.
DO NOT leave battery plugged into the charger any longer than 6 hours maximum.
It takes around 4 hours to fully charge battery, Disconnect battery with charger after green light is solid on.

NOTE:

Continuously driving time:
1) Fully autopilot driving 4 hours.
2) No autopilot driving 2 hours.

Put The Power Battery Inside Boat



Open boat cover.



Fix battery with velcro strap, Connect battery with receiver plug inside boat.



Switch on power button on rear top of the Boat handle, Power light turns on.
If not use boat for short time, switch off Power button. If not use boat for long time, You must disconnect battery with boat.

Basic Control Operation



Pull the trigger back, the boat moves forward; push the trigger forward, the boat moves backward; rotate the wheel anti-clockwise, the boat turns left, rotate the wheel clockwise, the boat turns right.



Press LED button one time, the night navigation light turns on, press the button again, the night navigation light turns off



If boat steer to right without steering input, press ST/L button to adjust boat run straightly.
If boat steer to left without steering input, press ST/R button to adjust boat run straightly.

Transmitter & Receiver BIND

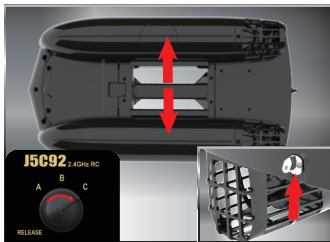
Switch on transmitter, connect power battery with boat, if "RX" and "BATT.INDICATOR" lights don't turn on, this means you need to bind the transmitter with the receiver. Follow below procedures to bind transmitter and receiver.



Firstly Make sure transmitter is power off, battery don't connect with boat.
Secondly press ST/L button and hold, Switch on transmitter, TX light solid on, when GPS ON light flash, let go ST/L button.

Connect battery with boat, Switch on power button on rear top of boat handle, when "RX" and "BATT.INDICATOR" lights turn on, now you have bind the transmitter and receiver.

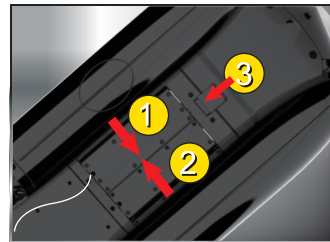
Bait Hopper And Rear Lock



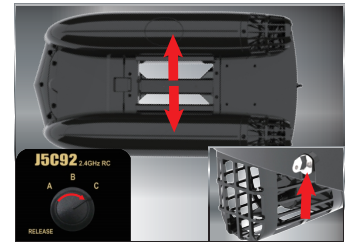
When the transmitter and receiver of the boat are both turn on, rotate the knob on the transmitter to C. The bait hopper and rear lock are both open.



Attach a metal ring on fishing line, Put the metal ring on rear lock, Rotate the knob from C to A, the rear lock pin will extended out to lock the metal ring.
NOTE: This arrangement is used to release the hook, so when boat take line out, the tension force is on the rear lock.



Put the hook in the hopper through the bottom of hopper door, Firstly close the left door, Secondly close the right door (Note: pull fishing line out through The hopper door's hole.) Thirdly Push down The lock latch.



Put baits inside the hopper, Rotate the knob from A to C, The hopper door and rear lock will be open to release baits and hook.

GPS Autopilot Function

About Start Of GPS Function

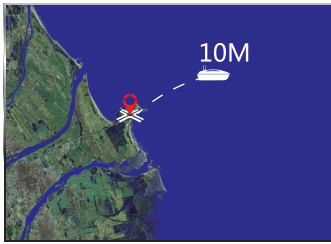


Switch on transmitter power firstly, Then connect battery with receiver plug inside boat, The TX red light and RX green light are both turn on, (Indicate the transmitter and boat are working)

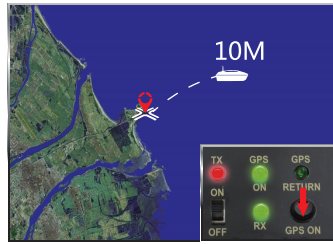


Wait for GPS ON green light start to flash, (Remarks: It takes about 3-5 minutes, based on circumstances) which indicates the GPS mode on receiver starts working.

Original Point Set Up & One Button Return Function



Control the boat to a spot 10 meters away from the shore. This location to be the original point that you need to set up.



Press the button GPS ON on transmitter over 5 seconds. Green light GPS ON from flash to be solid on, original point is memorized, it is also the home point.



After the boat driven to some distance, Press button GPS ON over 1 second, GPS RETURN green light is solid on, the boat will return back to the original point automatically. When arrive at original point, you will hear a beep sound on TX, GPS RETURN light will be off.

Control Priority: When the boat is under the status of one button return automatically, as long as we pull or push the trigger or rotate the wheel, the boat will cancel return automatically and turn to be controlled by human. Once again if you want to start return automatically, you need to press button GPS ON over 1 second again, then the boat will return automatically.

Fail-Safe Function

When boat is out of control range or you can't see the boat in lake, You can switch off the transmitter power, After 30 seconds, the Fail-Safe function activated, boat is autopilot driven to original point where you setup. When you can see the boat or boat is within the control range, switch on transmitter, control boat back to shore.

Four Fishing Spots Marking Function



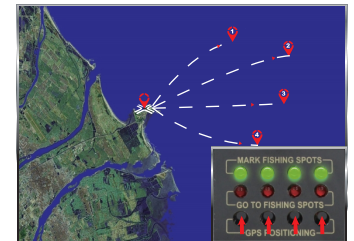
After the RC boat driven to a location where you want to mark as first fishing spot, press any one of the 4 GPS POSITIONING button over 5 seconds, the green light will be solid on (now you have set up first fishing spot).



If you want boat gets back to the marked fishing spot, Press GPS POSITIONING button over 1 second, relevant red light will be solid on, boat go to marked fishing spot by GPS autopilot.



When the boat arrive at the spot by GPS autopilot, Boat stop, the red light will be off and transmitter will make beep sound to indicate boat has arrived to the marked fishing spot.



You can set up 4 different fishing spots by pressing the corresponding GPS POSITIONING button over 5 seconds.



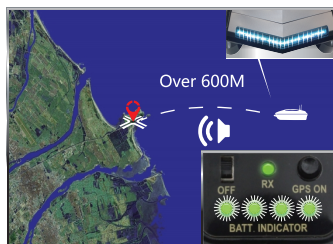
If you want to cancel a marked spot, press corresponding button over 5 seconds. Then the green light turn off to show that the fishing spot is canceled.

NOTE: If you are fishing in a new location, you need to cancel all the marked fishing spots and original point where you previously setup in last Fishing location.

Low Voltage Warning Function Of Power Battery



When transmitter and RC boat are both power on, the four green lights on the transmitter turn on.



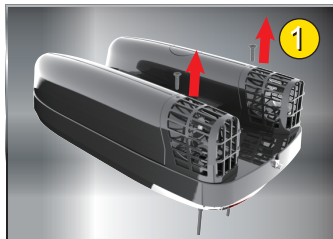
When the power of the battery is running low, the 4 green lights will flash, transmitter will make sound and front and rear navigation light will flash to remind you need to drive the boat back and recharge battery. NOTE: when BATT INDICATOR lights flash, boat battery will have some power to let you drive boat at least 600 meters.

Water Drain Plug

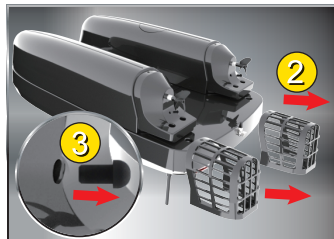
Under normal usage situation, the boat is water tight. Should be no water getting inside hull.

But if you careless leave hatch open and in the situation of heavy rain or other reason, excessive water inside the hull. You can follow below instruction to disassemble the weed guards and drain the water out easily from hull.

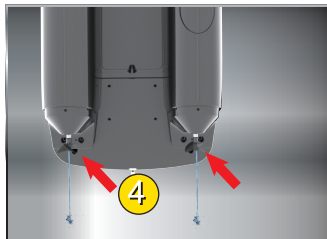
IMPORTANT: After drain water out, you must put back the two water drain plugs, Otherwise, water will get inside hull through the drain holes.



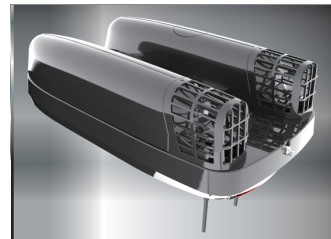
Loose the two screws that hold the two weed guards.



Take out the two weed guards, Take out the two water drain plugs.



Drain water out through the two holes beneath the two propellers.



Put back the two water drain plugs, Place two weed guards on place and tighten the two screws.

Radio Hanger



Triangle radio hanger, hook radio hanger and 3pcs screw are included in tool bag, use these to hang radio on your neck with ribbon or attach radio with fishing support tube on filed.

Important Usage Tips

1. Setting up the original point is very critical and the basic of GPS one button return and fail-safe function. Before you use your boat to delivery bait, you should firstly set up the original point, Refer to manual Page 3 for the correct set up. Neglect of doing this, this boat can't achieve the GPS one button return and fail-safe function.
2. The transmitter is not waterproof, keep your transmitter away from water, Otherwise, you will lost control of the boat.
3. When you drive the boat with transmitter, you should keep the transmitter at over 1 meter height to the water surface, This will ensure better radio range and receiving signal. If possible, the higher the better.
4. The transmitter range is 500 meters (depend on weather and circumstance), Transmitter and receiver are bidirectional transmission, the receiver transmission range is 300 meters (depend on weather and circumstance), when boat out of 300 meters range with transmitter, The LED lights on transmitter "BATT.INDICATOR" and GPS autopilot function lights will likely to be flashing or turn off. When you hold your transmitter up in a higher location, you can improve the receiver transmission range and LED lights might be turn on again. (NOTE: the transmitter is still working properly with boat within 500 meters radio range)
5. After each use, open the hatch, let air dry and the moisture is evaporated.

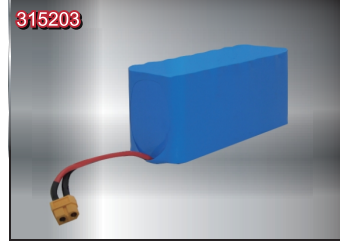
SPARE PART LIST



J5C92 Transmitter



Receiver For J5C92 & GPS Combo Set



6.4V 15.6Ah LiFePo Battery



Balance Charger & EU Plug AC Power Cable



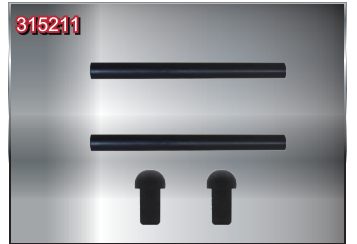
BAITING 2500 Brushless Motor



Brushless Electronic Speed Controller



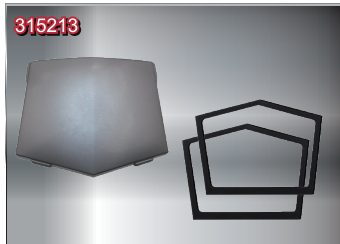
Left & Right Propellers Set



Antenna Cover Tubes (PK2)



Left & Right Propeller Covers



Hatch(No Decal)& Waterproof Gaskets



Left & Right Floating Hulls(No Decal)



Bottom Hopper Doors Set



Hopper Door Lock & Servo Set



Rear Lock Pin Hook Release Sets



Servo



Decal Sticker Set

CHINA PATENT NO.: 201930618485.4
 HONG KONG PATENT NO.: PATENT PENDING
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FCC REQUIREMENT

FC 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.
 CAUTION: Changes or modifications to this product not expressly approved by the party responsible for compliance may void the user's authority to operate the equipment.

FC CE RoHS 

PLEASE KEEP THIS INFORMATION FOR FUTURE REFERENCE

#3152V2 New Version Manual Addendum

3152V2 New Version supplied with new battery 6.4V 12Ah LiFePo, New 2A AC charger.

Battery Charging

- 1) The red light of charger turns solid on to indicate charging, When battery is fully charged, red light switch to green light solid on.
- 2) It takes around 5~6 hours to fully charge battery, disconnect battery with charger after green light is solid on.

Driving Time

- 1) Fully Autopilot Driving 2 hrs, Fully Manual Driving 1.5 hrs.
- 2) Over 14 Times Bait Release Per Batt. Charge within 150 Meters Range.

New Spare Parts For 3152V2 New Version Boat

- 315222 6.4V 12Ah LiFePo Battery
- 315223 EU Plug 2A AC charger
- 315224 UK Plug 2A AC charger
- 315225 US Plug 2A AC charger
- 315226 AU Plug 2A AC charger
- 315227 BAITING 2500V2 Left & Right Propeller Covers
- 315228 Baiting 2500V2 P1.2xD35mm Nylon propeller(left+right)

TROUBLESHOOTING

If you have replaced with new transmitter, receiver, motor, or radio can't control boat properly. You need to follow below procedures to calibrate radio, setup radio new ID and rebind the radio with boat. And calibrate the electronic speed controller (ESC).

Radio Calibrate

- 1) Radio and boat are power off status.
- 2) Press "ST/R" and "GPS ON" buttons and hold.
- 3) Switch on radio power, "BATT.INDICATOR", "GPS ON", "GPS RETURN" lights are all solid on. After 5 seconds, release step 2) buttons. Switch off radio power.

Radio New ID Setup

- 1) Radio and boat are power off status.
- 2) Press "ST/R" button and hold.
- 3) Switch on radio power, "GPS RETURN" light is solid on. After 5 seconds, release step 2) button. "GPS RETURN" light is off. Switch off radio power.

Radio BIND With Boat

- 1) Radio and boat are power off status.
- 2) Press "ST/L" button and hold.
- 3) Switch on radio power, until "GPS ON" light flash, release step 2) button.
- 4) Connect boat battery, "BATT.INDICATOR", "RX" lights are solid on. Now you have BIND radio with boat.

ESC Calibrate

- 1) Pull throttle trigger till the end and hold, switch on Radio, "TX ON" light is solid on.
- 2) Connect boat battery.
- 3) You will hear below groups of sound:

Four group sound “DI-DI,DI-DI,DI-DI, DI-DI”

Four group sound “DE-DE-DE-DE, DE-DE-DE-DE,(Release throttle trigger between 2nd sound and 3rd sound) DE-DE-DE-DE, DE-DE-DE-DE”

Release trigger between 2nd and 3rd sound. “BATT.INDICATOR”, “RX” lights are solid on. Then you will hear the correct sound of ESC finish calibration “DE DEEE”. If the ESC don’t make sound like “DE DEEE”. you need to do again the ESC calibration.

IMPORTANT:

- 3.1) If you release trigger between 1st and 2nd sound, or between 3rd and 4th sound. You may also get the correct ESC calibration sound DE DEEE. Please release trigger between 2nd and 3rd sound as standard operation.
- 3.2) The only standard that shows ESC correctly calibrate is the sound “DE DEEE”.

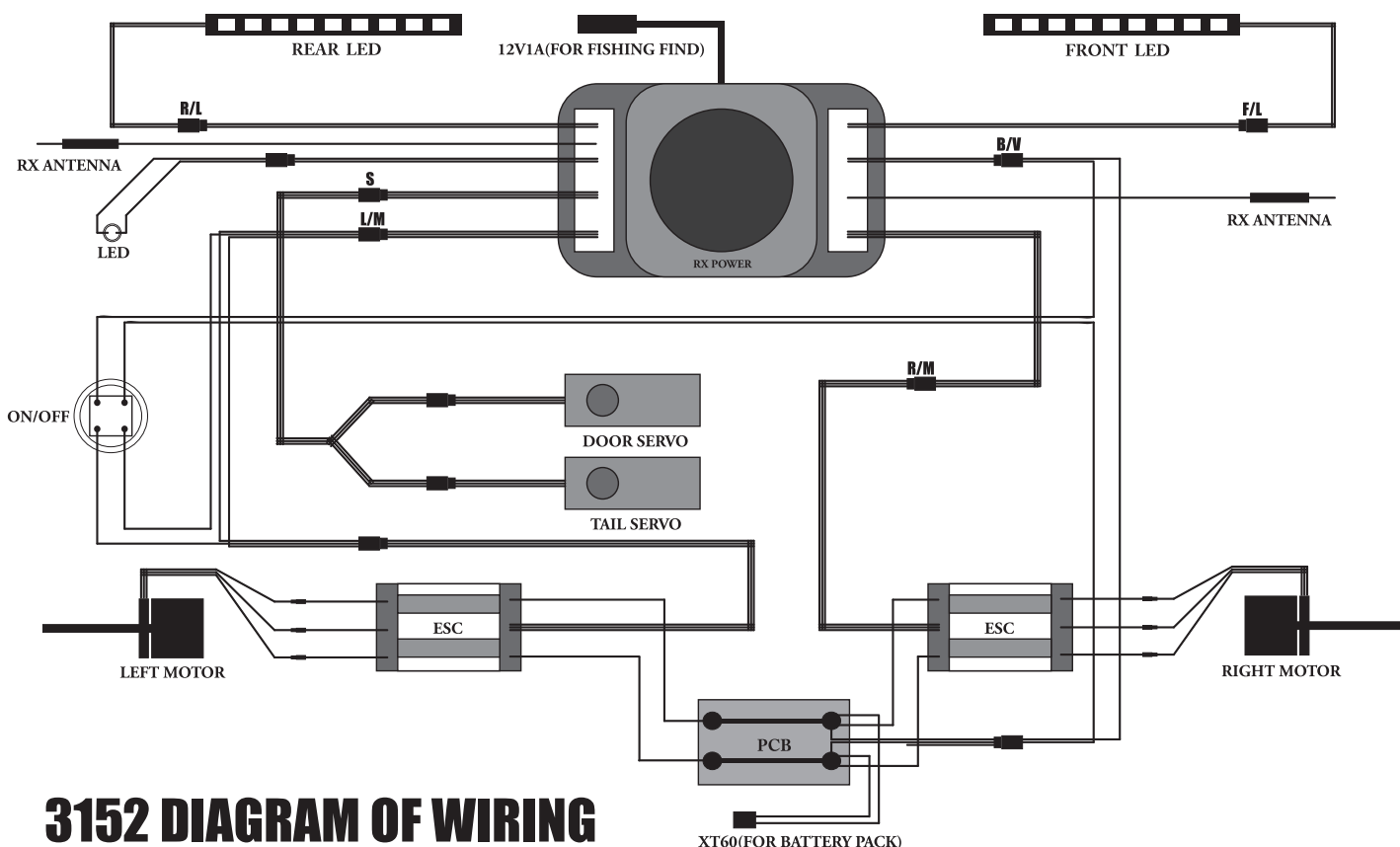
Motor Reverse

If you have replaced a new brushless motor, after plug in three wires between motor and ESC, power on radio and boat, pull throttle trigger, if you can feel wind blow from propeller cover, you have correctly connect motor wires with ESC. If no wind blow, you need to exchange any two of the three wires connection to change the motor reverse rotating.

Radio Hanger



Triangle radio hanger, hook radio hanger and 3pcs screw are included in tool bag, use these to hang radio on your neck with ribbon or attach radio with fishing support tube on filed.



3152 DIAGRAM OF WIRING