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Actor-GPS/Pro User Manua

Shenzhen Boatman Technology Co.,Ltd

1

Actor-GPS Packing List



Bait Boat*1



Controller*1



Charger*1



Battery*1



Charging Line*1



Cleaning Towel



Spare Propeller



Spare Stop Piece

2

Actor-Pro Packing List



Bait Boat*1



Controller*1



Charger*1



Battery*1



Charging Line*1



Cleaning Towel



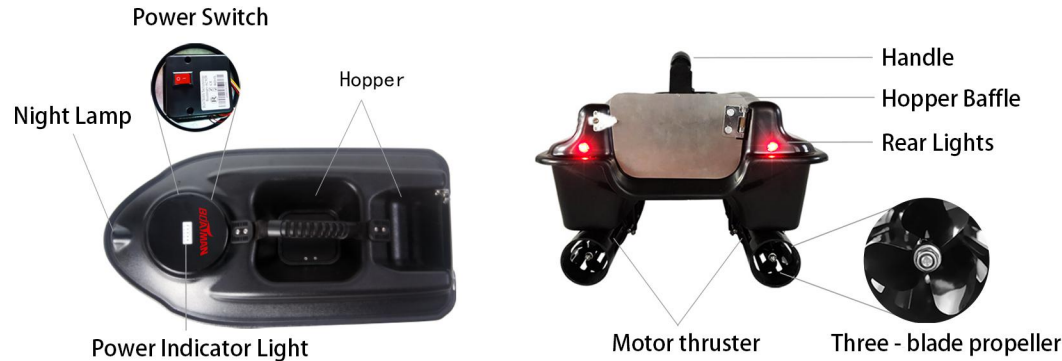
Spare Propeller



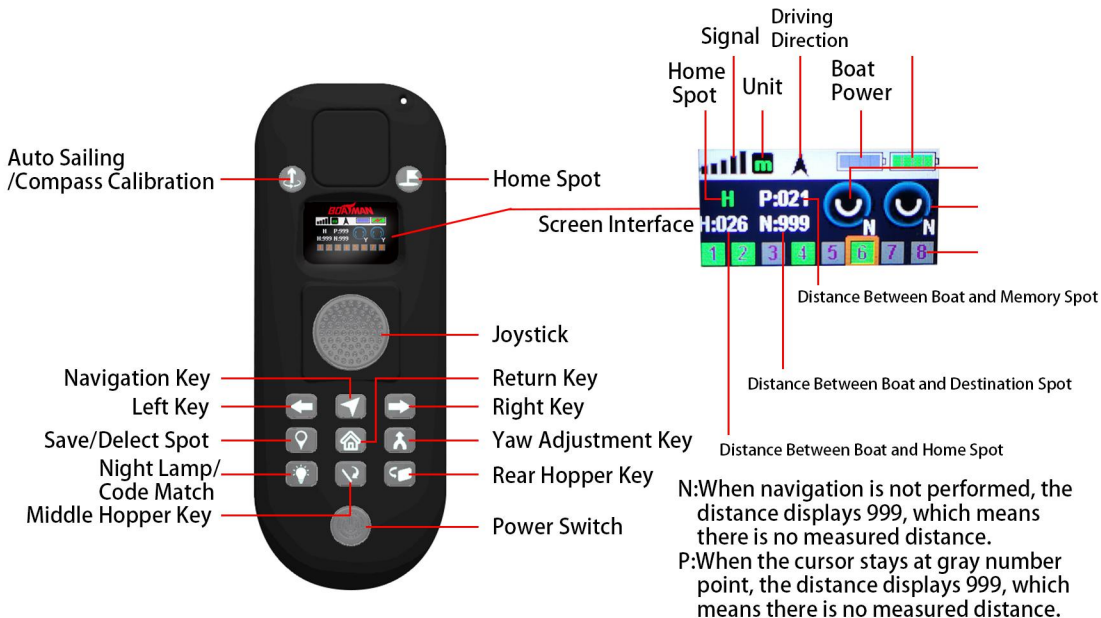
Spare Stop Piece

One, Structure Introduction

1.Actor-GPS Boat Structure



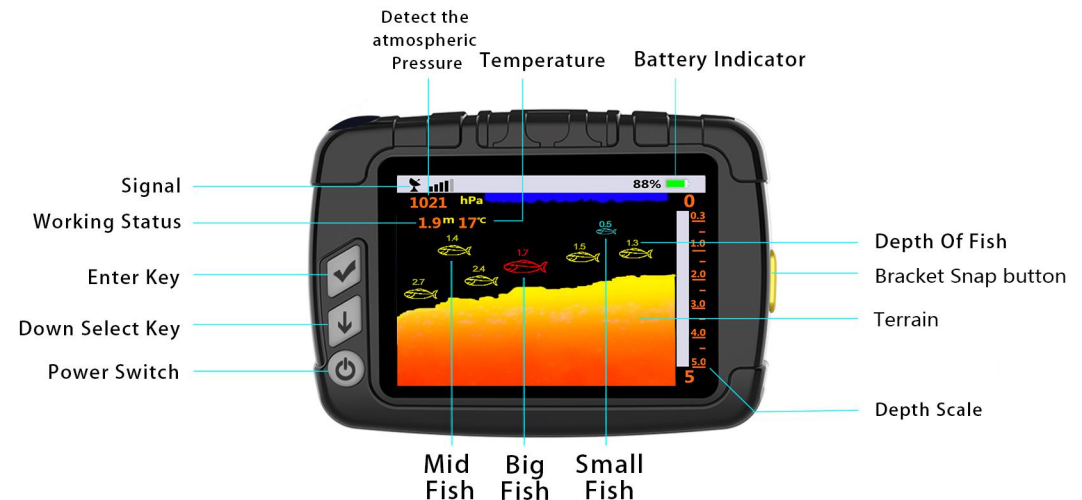
2.Actor-GPS Remote Controller Introduction



3.Fish Finder Introduction (Optional for Actor-Pro)



Actor-Pro2



4.Fish Finder Screen Installation



Actor-Pro1



Actor-Pro2



Two, Attentions

In order to let the users use bait boat correctly, extend the life of bait boat and avoid error operations cause damage, please read the attentions carefully.

- 1.Please connect boat battery correctly. If wrong connect will cause boat PCB burning-out.
- 2.Please check the boat with crack or waterproof invalidation to avoid boat sink or damage Internal parts by leakage.
- 3.Please confirm boat and controller's power avoid losing boat cause low battery protection.
- 4.Please confirm the connection between controller and boat, controller normally or not, avoid losing boat.
- 5.Please note the operating environment and weather conditions, avoid to use boat in 4 class storm water, avoid wreck.
- 6.Please note 20 centimeters under water conditions, if with weed, fishnet, freestone etc. strip or particles goods, please do not use boat. Avoid damage propellers by these goods.
- 7.When the boat with power, please note the boat if with abnormal knocking, peculiar smell, spark or burn, if yes, please cut off power and take out the battery and ask for after service to avoid bigger losing.
- 8.After the boat and controller connected, it will have "beep,beep,beep" to note if having abnormal conditions.
- 9.Attentions of using battery:
 - (1) Please must use the battery charger from Boatman company; Please do not use charger from the third-party. Otherwise, it may cause battery burn or fire by short circuit.
 - (2) Please cut off power when fully charged. If overcharged will result increasing battery cell solubility and effect battery life.
 - (3) When charging, please do not let kids touch charger and battery to avoid children's electric shock accident.
 - (4) Please do not let the battery near high temperature, inflammables and explosives and fire to avoid explosions and fire.
 - (5) Must not pierce battery skin, avoid battery fall and distort. Must protect battery and avoid short circuit.

Three,Parameter Introduction

1.Actor-GPS Parameter

Product Size: 506*267*188MM Product Net Weight: 1.6KG
 Hopper Capability: 1.5KG Power Supply: 7.4V-5AH/10AH
 Working Time: 2.5/5 Hours Max Speed: 70M/min
 RC Distance: Within 500 meters Charging Voltage: 9V-1A
 Charging Time: About 5 hours/10 hours
 Controller Charging Time: 3 hours
 Positioning Accuracy: Within 2 Meters
 Point Quantity:1 for Home point, 16 for Destination Point.

2.Actor-Pro Sonar Parameter

Actor-Sonar1

Screen:3.5" Color Screen Wireless Frequency:433MHz
 Detect Depth: 0.6-20M Detect Angle: 100°
 Working Range: Within 300M Detect Accuracy: 0.1M
 Fish Size: Small Fish Icon 10-40CM,Big Fish Icon >40CM

Actor-Sonar2

Screen:3.5" Color Screen Wireless Frequency:2.4Ghz
 Detect Depth: 0.6-30M Detect Angle: 100°
 Working Range: Within 300M Detect Accuracy: 0.1M
 Fish Size: Small Fish Icon < 40CM, Mid Fish Icon 40-80CM,
 Big Fish Icon >80CM

Four,Operation Introduction

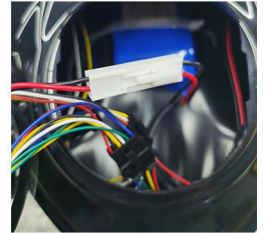
1.Connect Battery



① Open the battery case in front



② Connect battery with PCB board power plug



③ Ensure two plugs connect well



④ Turn on power switch

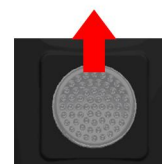


⑤ Cover battery case tightly

After power on, Battery indicator shows battery capacity.

2.Driving Operation

Forward: Push joystick up. Direction icon upward, Boat compass will do direction correction automatically.



Turn left: Push joystick left. Direction icon to the left.



Backward: Push joystick down. Direction icon down.



Turn right: Push joystick right, Direction icon to the right.



One Key Forward: Short press "One Key Forward" key, boat begin 1 minute auto forward sailing (You can control boat to left or right) and compass will do forward sailing correction auto. Press any key or push joystick backward can stop auto sailing.



Open the middle hopper: Press "middle hopper" key, screen left hopper icon shows open and the controller "BEEP", night lamp and rear light flashing twice. Middle hopper released succeed.



Open the rear hopper: Press "rear hopper" key, screen right hopper icon shows open and the controller "BEEP", night lamp and rear light flashing four times. Rear hopper released succeed.



Turn on the controller: Press power key for 3 seconds, screen light up and enter into control interface.



Compass Calibration: Please do compass calibration every time before use. Driving the boat 5 meters away from the shore, long press "One Key Forward" key, Controller will "BEEP", boat begin auto compass calibration till end.



One Key Return: Press "Return Key" once, Home point icon "H" change to red, boat will return to home point automatically within control distance. Controller will "BEEP" when boat arrived home point. Push joystick backward to cancel auto return command.



Home Point Save: Please remember to save home point before use. Driving the boat 5 meters away from the shore, long press "Home Point" Key for 3 seconds, When succeed, "H" icon color will change to green. The controller will always alarm before home point saved succeed.



Save memory spot: There is 16 destination point can be choose. You can use "Left" or "Right" Key to choose the point number you need. Press "Save Destination Point" Key once, Number color change to green. Long press "Save Destination Point" key for 3 seconds to delete the point. Number color change to gray.



Auto Navigate to the destination point:

(1)Auto-pilot and release bait auto: Chose destination point, press "Navigation Key" and then choose the hopper you need release. Hopper icon on screen will change from "N" to "Y" after you choose to release it. Then press "Navigation Key" again, Destination point number change to red ,then auto-pilot begin.



(2)Intelligent memory--When the boat went to the previous destination point again, it will repeat the last release bait command. You can press the "hopper key" again to make other choices. "Y" for yes, release bait. "N" for No, Don't release bait.

(3)Auto-pilot without release bait: Chose destination point, press "Navigation Key" twice, Destination point number change to red ,then auto-pilot begin.

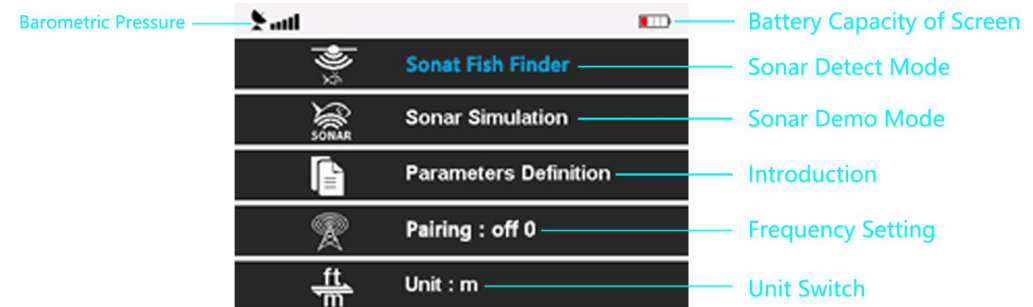
Fish Finder Screen power on: Press power key for 3 seconds, screen power on and enter into fish finder interface.The fish finder started to work after the boat touch water.

Actor-Pro1 Switch on



Actor-Pro2 Switch on

Power On: Keep Pressing Power Switch for 3 Seconds,Approching For 2 Seconds To Enter Manu Interface



Sonar Interface: Select " Sonar Fish Finder" Press Enter Key To Enter Sonar Mode



Power Off: Keep Pressing Power Switch for 3 Seconds, Wait For About 2 Seconds To Power Off



Low power alarm: When battery power lower than 30%, Boat rear lights and night lamp keep flashing and controller keep "BEEP". It can be used for about 10 minutes when low battery alarm. Please drive your boat back as soon as possible.



Return after exceeding 500 meters: When boat driving 500 meters away, Controller will alarm and home point distance icon "H:500" keep flashing. Please drive boat back avoid losing it. Boat will return to home point after lose signal with controller more than 35 seconds.

(Attention: Only when the home point is set, the boat can return auto. Or else, the boat will loss direction.)



Flashing

3.Charging Demo

Battery Charging: Adaptor will shows green and red color when charging. When the red indicator is on, it means charging. When the green indicator is on, it means full charged.



Controller Charging: Please use a charger that does not exceed 5V2A. Charging cable is included in our accessories. When charging, the power will keep increasing and show full when full charged.



4.Maintenance Attentions

- (1)After used the boat,please clean the boat by cleaning towel avoid stain damage surface.
- (2)After used the boat,please check if foreign matter within propellers.
- (3)If not use boat for long term,please clean the boat,take off the battery and antenna,put the boat into packing box and put in a cool and dry place avoid damp damage the boat.
- (4) If not use boat for long term,please fully charged battery and put it in a cool and dry place,charging the battery every 3 months,avoid battery damage cause losing power.
- (5)If using boat in the sea,please do not let the seawater into to battery case, high salt seawater corrode appliance seriously.(Not suggest to use boat in the sea!!!)
- (6) If using boat in the sea,please washing the boat to avoid the salt crystallization in the boat and corrode boat's parts.

5.Common Problem

(1)Why the Rc distance becomes shorter?

There are three reasons: First reason is that remote control battery power is low and the transmission power is reduced. It can be restored as long as the remote control is fully charged. The second is because the use environment has strong electromagnetic interference, which interferes with the boat to receive signals. It can be restored by changing the use environment or turning off the strong electromagnetic interference source. Thirdly, the boat cannot receive the signal because the antenna is not set well or has been damaged. It can be restored by re-installing the antenna or replacing the antenna.

(2) Why the remote control or battery cannot be charged?

There are two reasons: One is because the charger or the charging cable is damaged with bad connection. As long as the charger or the charging cable is replaced, it can be restored. The second reason is because the battery is damaged. In this case, the battery needs to be replaced to recover.

Note: The waste battery cell has a certain impact on the environment. Please do not discard it at any will. You should throw the waste battery to a special battery recycling place for recycling.

(3) Why there is abnormal noise of the thruster?

There are two reasons: One is because foreign objects are entangled in the propeller, as long as the foreign objects in the propeller are cleared, the abnormal noise can be eliminated. Secondly, because the thruster motor is damaged by external force, the abnormal noise caused by the unbalanced shaft center can be recovered by replacing the thruster motor.

(4) Why the boat suddenly shut down and did not respond?

The boat suddenly shuts down while driving because the user did not pay attention to the boat power,and use the boat till being protected. The battery low power protection will not automatically recover, so the user should pay attention to the indicator light or power bar on screen.once it shows lower power, please let boat come back to recharge. When the battery is low power protection, as long as the battery is removed and charged, it can be automatically restored.

(5) Why there is sudden abnormal GPS automatic navigation route?

There are two reasons: First, do not do calibration for GPS. Re-calibrate the GPS once the GPS is abnormal. Second, due to the use environment, GPS signal will be influenced by the mountain, rainy weather, foggy weather or strong electromagnetic field. So please use the boat in a good environment.

Five,Release Bait and Hook

Load Bait

Actor bait boat with 2 hoppers,the middle hopper load 1 KG bait,the rear hopper load 0.5 KG bait.As below shows:



Hopper

Bottom Hopper Baffle Reset

Put the hook or explosive hook at the bottom hopper,it needs to close the hopper baffle manually.



① Bottom hopper on

② Close hopper baffle

③ Turn the steering engine to right for returning back

Warranty

Boatman bait boat already passed strict quality test.Follow the manual to use the product but have quality problem,warranty based on below explanation: Under warranty,Boatman company or distributors provide repair or change components for free; Out of warranty,Boatman or distributors provide repair or change components in reasonable cost.

1.Please provide valid sales voucher and after service card.

2.Parts Warranty.

Item	Parts Name	Warranty
1	PCB Master Control Board	Warranty Is 1 Year
2	Controller Master Board	
3	Electric Motor	
4	Lithium Battery Charger	Warranty Is 6 Months
5	Hopper Steering Engine	
6	Lithium Battery	

3.Below situations out of warranty.

(1) Exceed warranty time.

(2) Invalid sales voucher and after service card.

(3) The parts that are not covered by the warranty.

(4) Do not use and protect the product based on manual or damage by improper use.

(5) Artificial damage,such as impact,extrusion,flop,puncture,intake water,short,etc.

(6) Damage from natural disaster,such as,fire,flood,thunder and lightning,etc.

(7) User disassembly bait boat,circuits connect in reverse directions,refit boat,etc.

Boatman company free product.

Warranty Card

Product Name	Boatman	Product Model:	Actor-GPS/Actor-Pro
Product Color	Black	Product Series Number:	
Order Date			
Customers Name			
Where To Buy			
Contact Number			
Full Address			