

User Manual of the Intelligent Remote Control Bait boat



003



001

User Manual of the Intelligent Remote Control Baitboat

Please read this manual thoroughly and follow the instructions of the manual. It's hoped that this product will bring you extraordinary harvest and fun.

Some functions will be modified with the upgrading of the versions, but the user manual will still work. Please accept our apologies for any possible inconvenience.

▶▶ 1. Summary:

A) Main Functions of the bait boat:

- 1) Internal antenna for Remote control
- 2) 2.4Ghz Full digital duplex two-way wireless remote control
- 3) The remote control with LCD can display the working status of the boat while sailing.
- 4) Release the bait and hook by remote control.
- 5) Turn on/off the boat light by remote control.
- 6) The boat can automatically return to the departure point in case of the remote control battery outage or the communication outage.
- 7) Equipped with GPS navigation system, you can set and store 31 GPS points, and display the current position and target point latitude and longitude in real time.
- 8) Equipped with fish finder, you can know the information of the river bed contours, water temperature, water depth and fish information on a real-time basis.
- 9) Manual sailing: The boat can sail by operating the joystick.
- 10) Automatic sailing: Equipped with the electronic compass on the boat and the remote control, so the boat can sail automatically.
- 11) Self-check of malfunction: when the boat has malfunction, the RC screen will show the corresponding malfunction icons.
- 12) Air upgrade: download the upgrading APP in the computer, connect the remote control to the computer with USB cable, turn on the power switch of the boat and remote control, the software of the boat and remote control will be upgraded.

B) Baitboat's Types and Configurations:

There are four configurations of boat: A, B, C and D, all of which are equipped with interfaces for product upgrading:

Type	E-compass	GPS Navigation	Fish Finder
A	*		
B	*	*	
C	*		*
D	*	*	*

2. GPS Satellite Navigation

A). GPS Functions:

- * There are icons to show the direction, position and distance of the destination points.
You can set and store 31 GPS locations (“HOME” is the departure point and 1-30 are the destination points).
- * The boat can sail automatically using the GPS system between the preset locations.
The boat will return automatically to the departure point in cases of remote control battery outage or communication outage (You must set “HOME” as the departure point at first. It is recommended that “HOME” be set to the nearest location to the operator.).
- * Calculate and show the straight-line distance between the departure point and the destination of the boat.
- * The front and back lamp of the boat will flash and the remote control will make audible tones when the boat reaches the destination.

B). GPS operation instructions:

- a). Press the “Operation interface switching” button to enter into the GPS interface, there are 31 numbers to select for the GPS locations. (“HOME” stands for the departure point, and the number “1-31” stands for the destination points.)
- b). Before operation, please wait for 3 minutes until the satellites number reach to 5.
- c). Press the “-/+” button to move the cursor, then press the “SET” button to set the selected number as the GPS locations. If you want to remove the GPS location from the selected number, you can press and hold the button “SET” for 3 seconds.
- d). Press the button “GO” to make the boat sail under GPS navigation. If the boat is sailing in GPS mode, you can press this button again to exit from GPS sailing.
- e). Press the button “ESC” or the “Operation interface switching” button to exit from the GPS interface.

3. Fish Finder

A) Main Functions:

- * Detect the riverbed contours, water temperature, water depth and the fish situation on a real-time basis.
- * Equipped with underwater automatic power switch, the power switch of boat will be turned on once the boat is in the water.
- * Equipped with attracting fish lamp, the boat can attract fish at night.
- * The detection of water depth is of 4 levels: 2-5 meters, 5-15 meters, 15-20 meters, and 20-30 meters.
- * There icons of fish size can be displayed: big, medium, and small.
- * The sensitivity of fish detection is of three level: C1/C2/C3 from low to high.
- * Indicate the actual contour of the riverbed.
- * Warning tones of finding fish: when there is fish in the water, the remote control will make warning tones.

B) Check the Working Status of the Fish Finder:

- * The fish finder is working well if the water temperature indicates the current temperature of the environment.
- * Put the probe (at the bottom of the boat) 60 centimeters away from the ground, if the remote control indicates the distance of 3 meters and there is a bold line, it means that the fish finder is working well.

Notes:

- * The fish finder can only work in the water, and it will make mistakes if it's used on the land. It will recover if it's put back into the water.
- * The fish finder only works in the water deeper than 2 meters.

4. Charger

The charger has LED charging indicators. A red light indicates battery is being charged, and after the charging is completed, the red light will turn green to indicate battery is fully charged.

A) The charger of boat :

Take the batteries out of the boat or remove the battery cover on the boat, connect the charging conversion plug with the batteries and the charger, and connect the charger to the power supply.

B) The charger of the remote control handset:

Insert the charging plug of the charger into the charging USB interface of the remote control handset, and connect the other end with the power supply.

5. Safety Precautions and Notices

- * The antenna is a conductor for electromagnetic waves and lightning, and it will very easily attract the fresh flashing and thunder, so please do not use the bait boat during stormy conditions.
- * It's dangerous to use the remote-control handset where explosives are used. Please avoid using the boat in these locations.
- * As the electronic compass is easily affected by external environment, please avoid using it under high-voltage cables as well as in any areas surround by a strong magnetic field or in areas of mining.
- * * The angle between the antenna of the remote control handset and the ground should be greater than 45 degrees. Please ensure the antenna of the remote control handset is kept at a high position, to ensure the maximal signal between the boat and the remote control handset.
- * DO NOT try to dismantle the boat or the remote-control handset by yourself for any reason. For any repairs required, please contact your supplier to arrange for an authorized repair. The Company will not be responsible for the loss caused by unauthorized dismantles.
- * Please ensure the solenoid switch of the bait hopper is clean, and please clear the sands, muds or any other dirt attached to the solenoid switch and the metal plate so as to keep the switch functional.

6. Function Specifications of Bait boat

Boat Type	001	003
Performance	D	D
Hull Size	63.5*43.5*24 cm	75*47*28 cm
Hull Type	Catamaran	Trimaran
Bait Hopper Quantity	2	2
Hook Quantity	2	2
Hopper Load Capacity	2KG	4KG
Internal antenna	☉	☉
RC Range	500M	500M
Turning Radius	0.5M	0.5M
Frequency	2.4GHZ	2.4GHZ
Driving Speed	60m/min	60m/min
Self-check of malfunction	☉	☉
Air upgrade	☉	☉
RC Releasing bait / hook	☉	☉
Manual / Automatic Sailing	☉	☉
Boat Lighting	☉	☉
Boat Front and Back Lamps	☉	☉
Boat Power Switch on/off	Lights flashing	Lights flashing
Bait hopper/Hook Releasing	Lights flashing and RC warning tone	Lights flashing and RC warning tone
GPS		
GPS Positioning Accuracy	< 3M	< 3M
Time to Capture Satellite	1-2min	1-2min
Distance Measurement	0-900M	0-900M
Locations Storage Number	20	20
Auto Return upon Communication Outage	☉	☉
GPS Automatic Sailing	☉	☉
Fish finder		
Underwater power switch	☉	☉
Warning tone of finding fish	☉	☉
Water Depth/	☉	☉
Water Temperature	☉	☉
Riverbed contour	☉	☉
Water Depth Range	2-30M	2-30M
Sensitivity	C1,C2,C3	C1,C2,C3
Boat Battery		
Lead-acid Battery(12V/10AH)	1-1.5 Hours	1-1.5 Hours
Lithium Battery(11.1V/10AH)	1-1.5 Hours	1-1.5 Hours
Lithium Battery(11.1V/20AH)	2-3 Hours	2-3 Hours

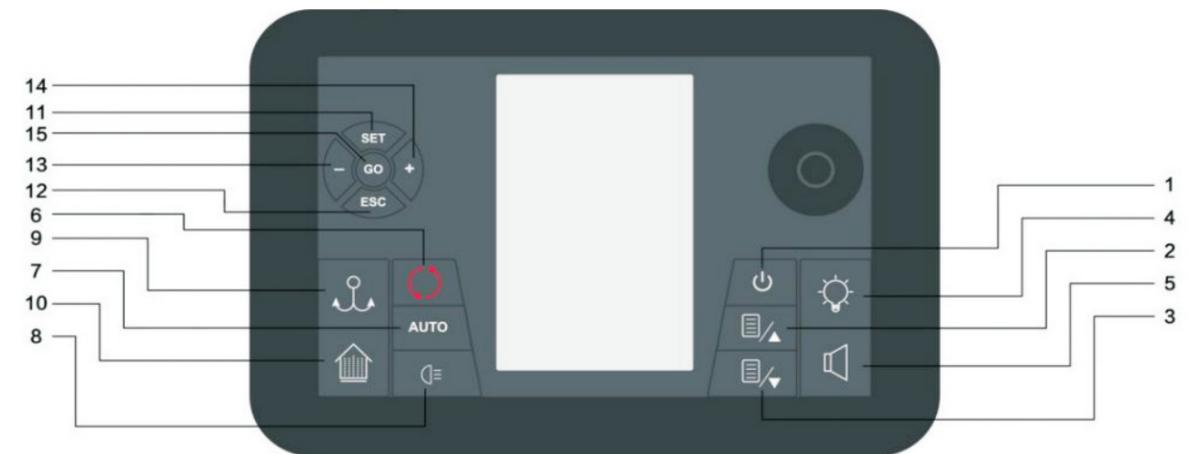
7. Product Standard Configuration and Packing List

NO	Name	Specification	Quantity
1	Boat	001, 003	1
2	Remote-control Handset		1
3	Charger for Boat Battery	12V/2AH(Charger for boat lead-acid battery) /13.5V/3AH(Charger for boat lithium battery)	1
4	Charger for RC Handset Battery	5V/0.5AH	1
5	Charger Conversion Plug		1
6	Boat battery (Lead-acid Battery or Lithium Battery)	12V/5AH (Boat lead-acid battery) or 11.1V/5AH(Boat lithium battery) or 11.1V/10AH(Boat lithium battery)	2

User Manual of Intelligent Remote Control Handset

The remote control handset is developed by our company on its own with independent intellectual property rights. It's equipped with LCD, which could display all the sailing and working status of the boat, and can realize automatic sailing and GPS navigation sailing. It's a collection of fun and entertainment, and will bring completely different fun to the anglers.

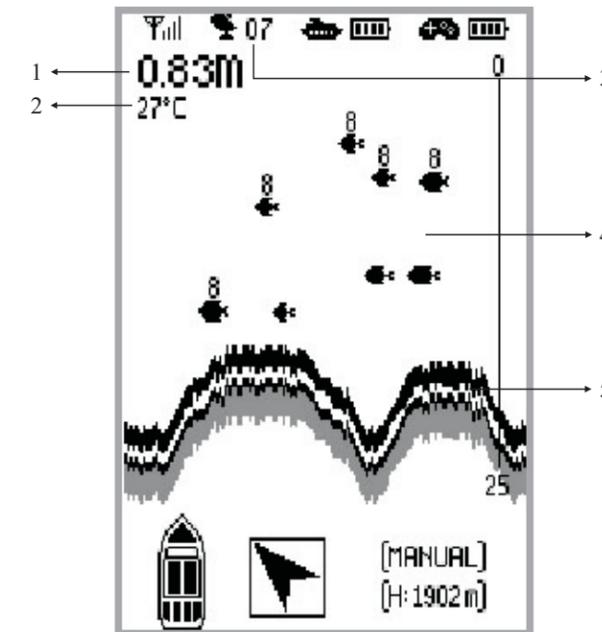
1.Name and Functions of the Buttons on the Remote Control Handset



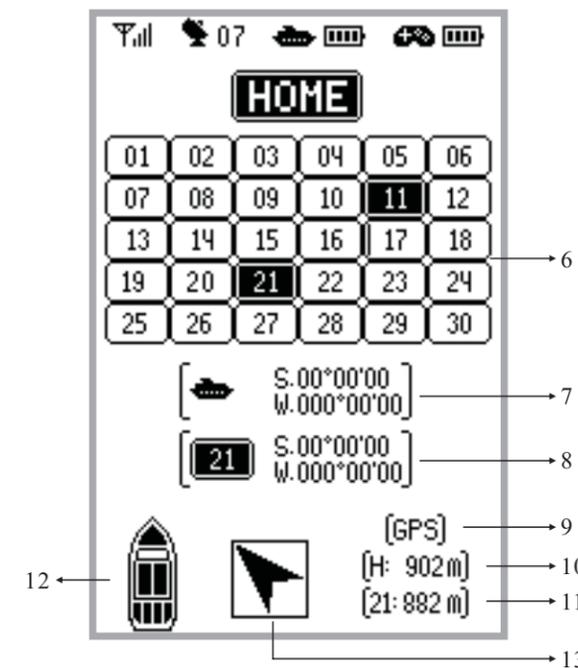
No.	Name of Buttons	Functions
1	Power button/ Menu items confirmation	a).Press and hold this button for 3 seconds to turn on or turn off the RC. b).On the menu interface,you can press this button to confirm the menu items.
2/3	Menu button ▲/ Menu button ▼	Enter the menu,press this button to move the cursor upwards/downwards to select the menu items.
4	LCD light button	Press this button to turn on or turn off the light of LCD,hold this button to adjust the intensity of the LCD light when the light is on.

5	Warning tone button	Press this button to turn on or turn off the warning sound. There is warning tone for the low battery power, bait hopper release, hook release, reaching to GPS destination.
6	Operation interface switching button	press this button to switch between main interface and GPS interface.
7	AUTO sailing button	Press this button to switch manual sailing and automatic sailing. When the boat is sailing, you can use the joystick to adjust the boat direction.
8	Boat light button	Press this button to remote control the boat light.
9	Hook release button	Press this button to release the hooks. If the hook icon on the RC screen is disappeared and the warning tone sounds, it means the hook is released.
10	Bait hopper button	Press this button to open the bait hopper. If the bait hopper icon on the RC screen turns from black to white and the warning tone sounds, it means the bait hopper is opened.
11	“SET” Button	On GPS interface, press this button to set or cancel the GPS destination points.
12	“ESC” button	On GPS interface, press this button to exit from the GPS interface.
13/14	Cursor moving button(- / +)	Press this button to move the cursor to the left or right to select the GPS points.
15	GPS navigation sailing button	Press this button to make the boat sail under GPS navigation. If the boat is sailing in GPS mode, you can press this button again to exit from GPS sailing.

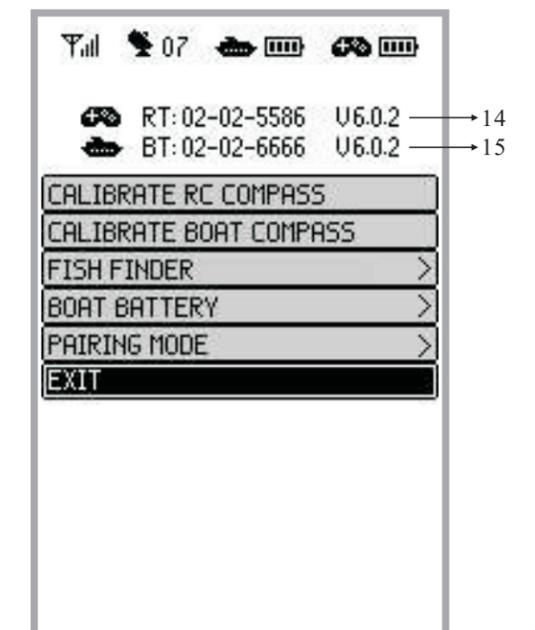
2. Main interface



3. GPS interface



4. Menu



Icons corresponding information

Number	Icon description
1	Water depth
2	Water temperature
3	Number of GPS
4	Fish information
5	River bed information
6	GPS settings
7	Current latitude and longitude of the boat
8	Target point latitude and longitude
9	Boat status (STOP/MANUAL/AUTO/GPS)
10	The distance from the boat to the HOME point
11	The distance of the boat from the target point
12	Boat status indication
13	The position of the boat relative to the remote control
14	Remote control serial number and version information
15	Boat serial number and version information

Operation interface switching:

1. Press the “operation interface switching” button to switch between the GPS interface and the main interface.
2. Click the menu button (▲/▼) to enter the menu interface, and select “EXIT” menu to exit the menu interface.

▶▶ 5.Menu interface operation

Click the menu button (▲/▼) to enter the menu interface, and set the menu with the power button	
1	CALIBRATE BOAT COMPASS:Choose this menu and press the power button to enter into the boat compass calibration interface.Press the power button again,the boat will start calibration by turning around automatically in the water.When the calibration is finished,the RC screen will exit from the calibration interface automatically.
2	CALIBRATE RC COMPASS:Choose this menu and press the power button to enter into the RC compass calibration interface.Press the power button again,turn around the Remote control in 360 degrees and move the remote control up and down to calibrate the RC compass.When the calibration is finished,the RC screen will exit from the calibration interface automatically.
3	BOAT BATTERY:Choose this menu,then press the power button to enter into the boat battery type interface.Press the “▲” or “▼” button to choose the battery type,then press the power button to confirm the selection.
4	PARING MODE:Turn on the boat,choose this menu and press the power button to enter into the channel selecting menu.Press the “▲” or “▼” button to choose the channel,then press the power button to confirm the selection,the boat will start paring with the RC(Make sure that the boat is switched on when paring).During paring,the boat light will be flickering.When paring is finished(success or fail),the interface will stay for 5 seconds and then jump to the main interface.
5	EXIT:Choose this menu,then press the power button to exit the menu interface.

▶▶ 6.Functions and Parameters of the Remote Control Handset

Function	Configuration
Internal Antenna	
Working Time of Remote Control	20hours
Real-time Monitoring of Boat Errors	☉
Air upgrade	☉
Self-check	☉
Manual Sailing/Automatic Sailing	☉
Indication of Signal	☉
Battery Status of the Boat and Remote control	☉
Indication of Boat Sailing Direction	☉
Indication of the Actual Sailing Time of the Boat	☉
Indication of Bait hopper and Hook status	☉
RC buttons light	☉
LCD Backlight	☉
Alarm/Warning tones	
Audible Alarm of Weak Signal	☉
Audible Alarm of Low Battery	☉
Audible Indication for Hopper open& Hook Release	☉
Audible Indication of the Boat Navigated to Destination	☉
GPS Navigation	
Indication of GPS Satellite	☉
Set the Location	☉
Measure the Distance	☉
GPS Automatic Navigation Sailing	☉
Store GPS Destination points	19
Fish Finder	
River Bed Contour	☉
Water Temperature/ Water Depth	☉
Range of Water Depth	2-30M/4 levels
Attracting Fish Lamp	☉
The Water Depth of Fish	☉
Fish Size Indication	Big/Medium/Small Fish Icon