

The background features a large, light blue triangle pointing towards the top right. Overlaid on this are numerous thin, blue, wavy lines that create a sense of motion and depth, resembling a stylized wave or a series of overlapping paths. The lines are most concentrated on the left side and fade out towards the right.

More intelligent remote-controlled bait boats, start here!

User Manual

Intelligent Remote Control Bait Boat

C series



Please read this instruction carefully before using the product and keep it well

Live an intelligent life; Enjoy the fun of fishing

CATALOGUE

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Navigation: 32, 1.9 m, 8

GPS: 09, GLOWASS: 12, 船罗盘: 180°, 遥控器罗盘: 280°

Light: (Off)

Hook: 左 (Left) / 右 (Right)

Compartment: 左 (Left) / 右 (Right)

Direction: 南 (South)

Depth: 49 m, 0.3 m/s, 3.3 V, 1066 mb

Altitude: 266 m, 速度 (Speed), 电压 (Voltage), 气压 (Pressure)

Temperature: 7.4 °C, 30.0 °C

Right side: Sonar/Depth chart showing depth in meters (0-2) and a color-coded depth profile.

PRODUCT COMPOSITION

1.Packaging Content



Boat×1



Handle×1



Remote control×1



Manual ×1



Multifunctional power converter×1



Charger×1



Antenna×1



Remote control charging cable (type-c)×1



Supply Battery boat Power×2

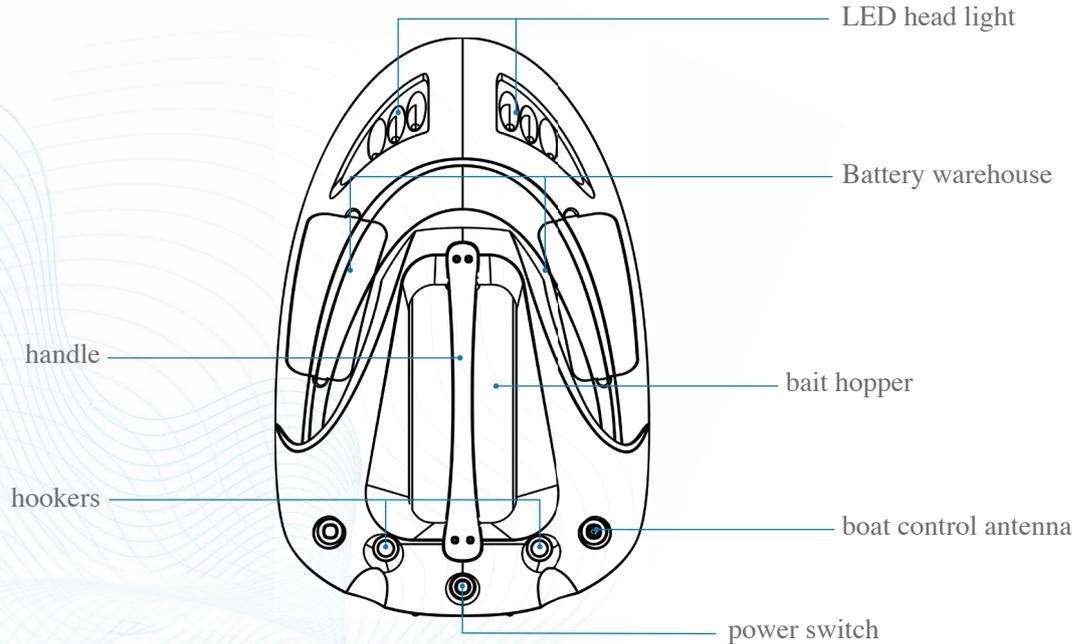


M4 screw×1

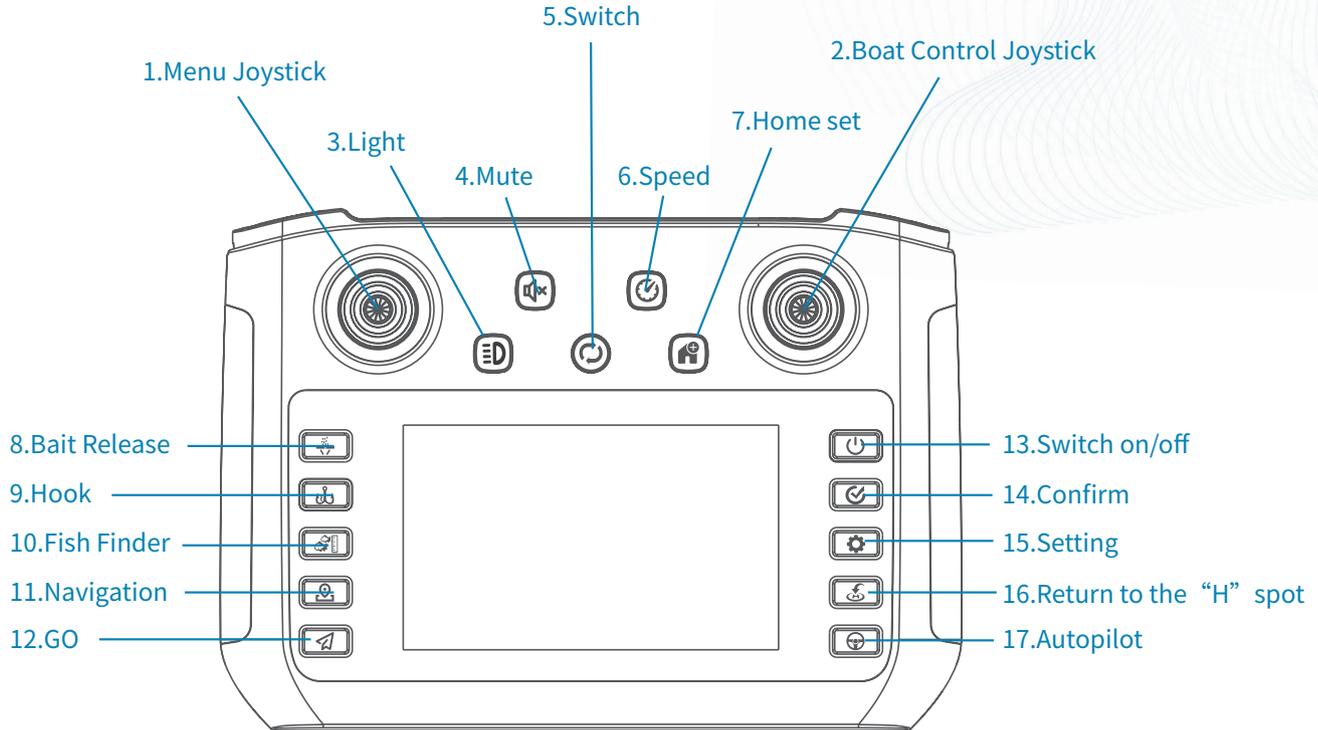
PRODUCT COMPOSITION

2.Part Name

(1) The boat introduction



(2) Remote control button introduction



- 01 **Menu joystick**: For control to confirm the option of menu setting page; in the navigation page , as the selected direction puzzle to use, press the confirmation at center spot;
- 02 **Boat control joystick**: Control the movement of bait boat
- 03 **Light**: Control the light of the bait boat and the backlight of the screen; press once to Switch on the boat lights, press again to Switch off; press twice to Switch on the backlight of the remote controller
- 04 **Mute**: Switch on/off the alarm buzzer of the remote control;
- 05 **Switch**: Can be selected in different functional areas in the navigation interface ; can be switched between "Basic Settings", "Advanced Settings", "sonar Settings" in the Settings page;
- 06 **Speed**: Scatter the boat speed as the standard speed, press this button , the boat speed can switch by standard, high and low;
- 07 **Home set**: You can quickly set the current position as a home spot in the navigation page; if the home spot is already stored, long press this button to delete the current home spot information, if the home point is not stored, press this key once to quickly store the current boat location as a home spot;
- 08 **Bait release**: Single press to open the left hopper; press again to close, and press twice to open the right hopper, press twice again to close, in the single side hopper open setting.the both side hoppers will be opened by press button once, they will be closed by press the button again, when you select both side hoppers open setting. the hoppers will close and reset after 15 seconds automatically, if there is no operation after the hopper is opened, no matter which setting you are.
you can press this button to set the automatically of this spot to auto, when some spot is selected, in the navigation page.

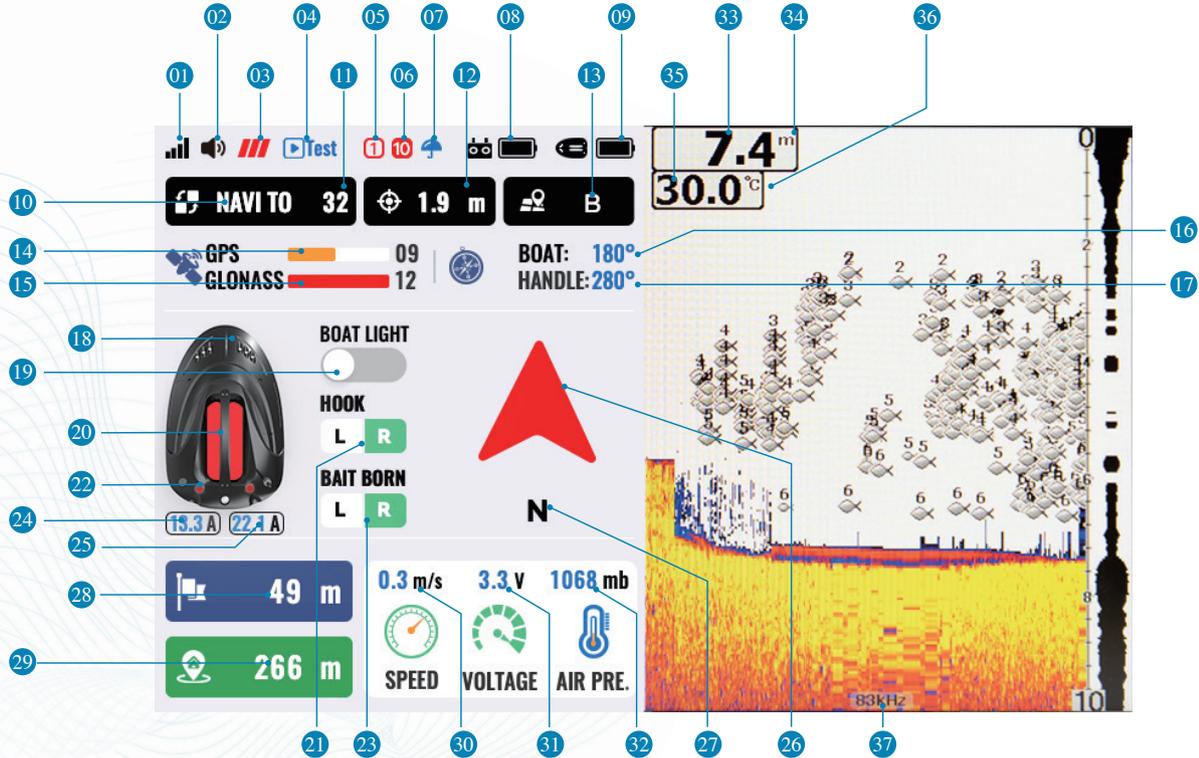
- 09 **Hook:** Single press to open the left hook, press twice to open the right hook; hooks reset automatically by 1 second; you can press this button to set the automatically of this spot to auto, when some spot is selected, in the navigation page;
- 10 **Fish finder:** Press this button to make fish finder full screen and press again to cancel;
- 11 **Navigation:** Press this button to enter the navigation page and press again to return the main interface;
- 12 **GO:** Press the button to navigate to the current selected location spot, in “spot selection area of navigation page”; press the button to navigate to the corresponding location spot according to the current planned path, in “path planning area” of navigation page;
- 13 **Switch on/off:** Long press the button to power on/off; short press to return the main interface;press this button for 10 seconds to force the remote control to restart.
- 14 **Confirm:** It is the same as pressing the center point of the menu joystick key on the left to confirm a function;
- 15 **Setting :** Press the button to enter the setting menu, press again for choose in the three Settings menu
- 16 **Return to the“H”spot:** The bait boat will return to the “h” spot, if you press this button on main interface;in the navigation page, some spot is selected, you can press this button to set the automatically of this position spot to "automatic return spot";
- 17 **Autopilot:** Driving along the current direction of the boat, press again to exit the automatic driving mode.



Please scan the QR code to
watch the video explanation



(3) Introduction of the operation interface



- ① **Wireless connection signal:**  Indicates wireless communication signal strength;
- ② **Buzzer:** Displays the status of the buzzer, switch on/off;
- ③ **Speed indication:** There are three operational modes of bait boat  means low speed  shows standard  displays high speed;
- ④ **Test mode:** When c1 test mode is selected in the boat type,  is displayed here. indicates that the boat is in the Selected route loop;
- ⑤ **Error code of boat:** The code that indicates the boat error, the specific meaning of the code refer to Table 1;
- ⑥ **Error code of remote control:** The code that indicates the remote control error, the specific meaning of the code refer to table 1;
- ⑦ **Motor overload protection indicator:**  Indicates that the current motor is abnormal and the motor protection mechanism has been started. at this time, power supply to the motor is stopped. after 10 seconds, it will return to normal mode and power supply to the motor again;
- ⑧ **Remote control battery power:**  The battery power indicator of the remote control;
- ⑨ **Boat battery power**  Indicates the battery level of the boat;
- ⑩ **Operation mode:** There are 4 operation modes, namely "manually", "automatically", "navigation" and "path planning navigation";
- ⑪ **Navigation target spot:** When bait boat in the mode of "navigation" or "path planning", the target spot of bait boat is displayed here;
- ⑫ **Positioning accuracy factor:** It shows the current satellite positioning factor of the bait boat. the lower value means the positioning accuracy is better. normally the effect of positioning factor is better, if it less than 2;
- ⑬ **Current location field:** There are 6 location fields named by a / b / c / d / e / f, there are 40 spots and 1 home spot can be stored in each field ; here shows which field is currently selected;

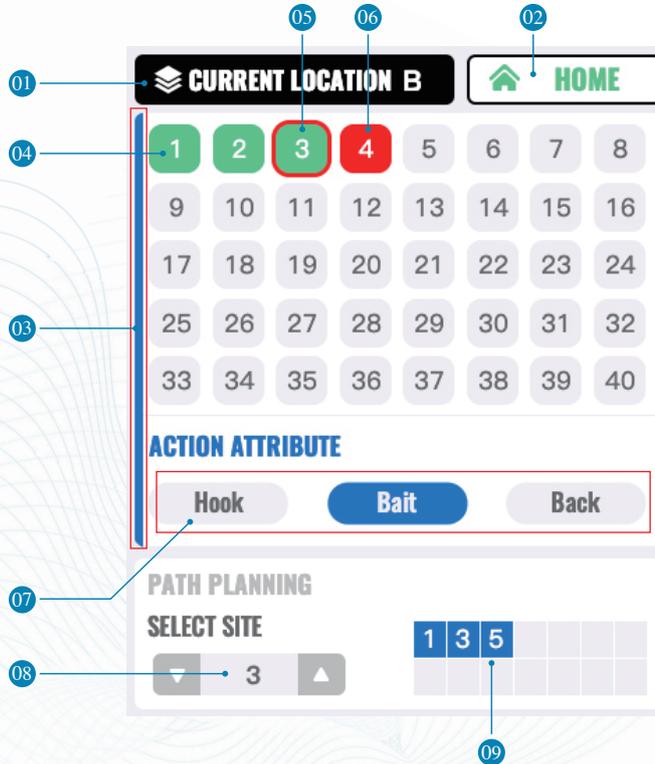
- 14 **Number of GPS satellite** : Shows the number of GPS satellites has been searched;
- 15 **Number of NASS2 Satellite** : Shows the number of satellites has been searched by another satellite system we chose;
- 16 **Compass angle of bait boat** : It shows the electronic compass angle of the bait boat, it shows the direction of boat in accurately;
- 17 **Compass angle of remote control** : Display the electronic compass angle of remote control;
- 18 **Light indication of boat** :  Shows the Lights on, an  shows the Lights off;
- 19 **Light switch for the boat**:  Shows the lights on, and  shows the lights off;
- 20 **Bait hopper status**:  Indicates the left hopper open, and  indicates the right hopper open;
- 21 **Bait hopper switch** : Display the open / closed status of the left and right hopper respectively;
- 22 **Hooks status**:  Indicates the left hook is opening, and  indicates the right hook is opening;
- 23 **Hooks switch** : Display the open / closed status of the left and right hook respectively;
- 24 **Working current of left motor** : Display the real-time working current of the left motor of the boat;
- 25 **Working current of right motor** : Display the real-time working current of the riht motor of the boat;
- 26 **The direction of boat** : The arrow here shtows the direction of the boat relative to the operator (remote control). when the direction of the operator (remote control) changes, the relative direction indicated of boat also changes.
Note: To ensure the accuracy of the direction, the compass must be calibrated both bait boat and remote control ;
- 27 **The absolute direction of boat** : There are 8 directions: east, west, south, southeast, southwest, northeast and northwest. the direction here is unchanged, no matter the operator turns to any direction;
- 28 **The distance to target spot** : The value of the current distance between the bait boat and the target spot in the navigation and path planning mode only;
- 29 **The distance to home spot** : The current distance value between bait boat and home spot. If the value here is 9999m, means the selected location field is another location field;
- 30 **The value of boat speed** : The current boat operating speed in m / s;

- 31 **Boat battery voltage** : Display the voltage of the boat battery;
- 32 **Atmospheric pressure value** : Shows the atmospheric pressure value at the current position;
- 33 **Depth value** : Shows the depth of the current position of bait boat;
- 34 **Depth unit** : Display the current water depth, meter or feet;
- 35 **Temperature value** : Shows the current temperature of water;
- 36 **Display the current depth** : He display unit can be set °C or °F;
- 37 **Sonar transducer frequency** : Display the currently selected transducer frequency, you can select 83khz or 200khz in the setting;

Table 1.Error code reference

| Boat | | Remote control | |
|------|---|----------------|---------------------------------|
| Code | Reference | Code | Reference |
| 1 | No signal | 1 | The wireless module is abnormal |
| 2 | GPS module is not connected | 2 | Abnormal barometer |
| 3 | Compass anomaly | 3 | Abnormal acceleration sensor |
| 4 | Satellite has not been located | 4 | Compass anomaly |
| 5 | The motor was stuck | 5 | Abnormal memory |
| 6 | Storage exception | 6 | No signal |
| 7 | Calibration deviation is large and need re-calibrated | | |
| 8 | The wireless module is abnormal | | |
| 9 | Insufficient storage space | | |

NAVIGATION PAGE



01

02

03

04

05

06

07

08

09

CURRENT LOCATION B

HOME

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

17 18 19 20 21 22 23 24

25 26 27 28 29 30 31 32

33 34 35 36 37 38 39 40

ACTION ATTRIBUTE

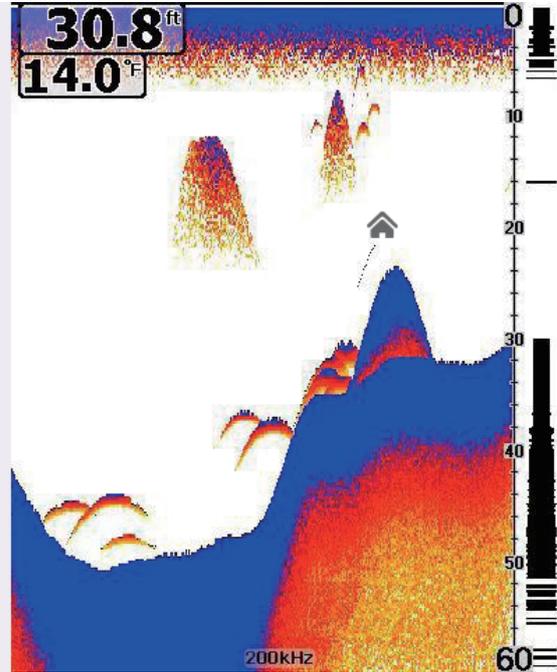
Hook Bait Back

PATH PLANNING

SELECT SITE

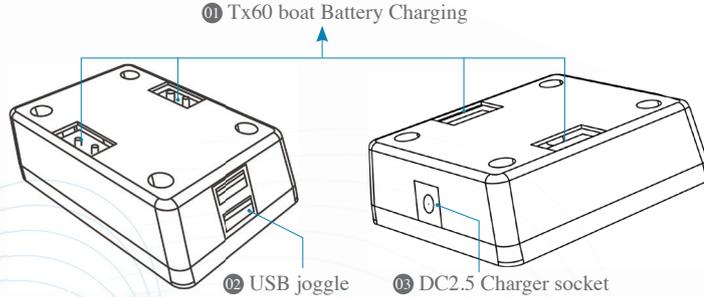
3

1 3 5



- ① **Current location field:** To display the current location field, you can use the switch button to select the current location field , and then select the appropriate location field by the menu joystick;
- ② **Home spot:** The gray indicates that home spot has not been set, it will turns green when the home spot has been set, and red flashing indicates the navigation to the home spot ;
- ③ **Area selection box:** The navigation page has four functional areas: "current location group", "home spot", "spot area" and "path planning area". the appropriate functional area can be selected through the "s witch button";
- ④ **Stored spot:** The green color indicates that the current location spot is already stored;
- ⑤ **Spot selection:** The red box indicates that the selection is at this spot;
- ⑥ **Target spot:** Red flashing indicates that the boat is navigating to this position spot;
- ⑦ **Automatically of the current spot:** Indicates the automatically on the current position spot in the red box: hook, hopper and return, gray indicates off, and blue indicates open;
- ⑧ **Spot in the Path Planning:** Determine the location spot, you can join the location spot to the path planning;
- ⑨ **Spot have added in path planning:** The position spot Show in here indicate that have joined to the path planning. The bait boat will navigate to the spot displayed here in order, and execute the corresponding automaticallys after reaching each position spot, when navigation to path planning;

(4) Multifunction power converter



- 01 **TX60 boat battery charging socket:**
connect to boat battery charging cable;
- 02 **USB interface:**
2 standard interface with 5V DC USB, which can be charging the mobile phone and other devices;
- 03 **DC2.5 charger socket:**
connect to the power charger;

MAIN FUNCTIONAL FEATURES OF THE PRODUCT

- 01 Adopt full digital two-way wireless communication technology, with a remote control distance of 400 meters;
- 02 The remote control adopts a 5-inch 800*480 High definition and high brightness color LCD screen;
- 03 The multi-in-one remote control integrates a multi-mode satellite positioning system, supports GPS, Beidou, Galileo and Glonass multi-mode satellite positioning, integrated sonar Fish Finder, and integrated autonomous driving Can store 41*6 position spot information, and realize the navigation between each position spot automatically;
- 04 6 groups locations of position information can be stored, each location of position information can store 1 Home spot and 40 position spots, and realize the automatic navigation between each position spot can be set separately whether the bait boat release the hook or bait after reaching this position spot;

- 05 There is a safety protection system, when the boat in low power or weak signal, it can automatically navigate to return to the Home spot;
- 06 When the propeller stuck , or the abnormal motor causes the working current to increase, the circuit has a protection unit, which can cut off the output of the motor to protect the circuit board cannot be burned;
- 07 The boat adopts catamaran design, bait load capacity of 3Kg, the stern is equipped with two hooks devices;
- 08 The remote control can show the working status of each part of the boat;

BASIC OPERATION

01 Start-up preparation :

Load the boat battery into the two battery warehouse , switch on the remote control power , the switch on the power of the boat, check the wireless communication icon on the remote control is connected, and push the Joystick to check the propeller rotates;If the remote control and the boat are not connected, frequency distribution is required (see Operation 5.7)



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02 Compass calibration :

Put the boat into the water, push the Joystick to launch boat 2-3 meters from shore, you need calibration the compass at beginning when you first time using, calibration method see 4.1 “compass calibration” ;



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03 Set the home spot :

Check the positioning accuracy displayed on the remote control. When the positioning accuracy display value is less than 2 meters (the smaller value means the higher the positioning accuracy), Press the "navigation" button to select the navigation, There are two ways to set the "Home" spot. One, to set the current position of the boat to the Home spot through the "Home" button on remote control; the other ways to select the "Home" icon through the menu Joystick, and then press the confirmation button, the current position of the boat is set to the Home spot.



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Note: For the safety and convenience, the Home spot must be confirmed before the other controls;

04 Back to the“Home”spot :

We press the this button, the boat will return to the Home spot automatically except navigation page.

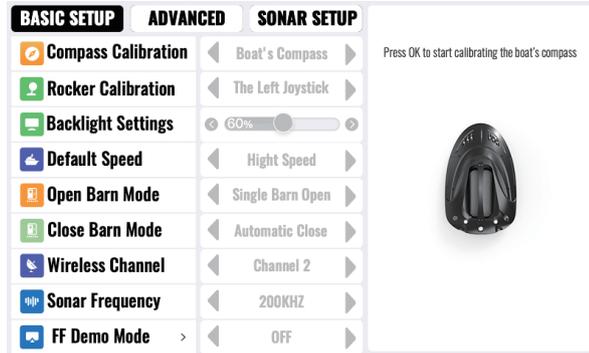
Note: we need confirm that there is no obstacle between the current position of the boat and the Home spot. when we need use this button,

05 Autopilot :

Pressing the “autopilot” button, driving along the current direction of the boat, you can use the Joystick to change the direction of the boat, so that the position you want the boat be.

MENU INSTRUCTIONS

1. Basic setting



01 Compass calibration :

Click the setting button, switch into the Setup page, select "Compass Calibration", then the bait boat turns around in the water, at same time, the electronic compass in the boat starts to calibrate, when the calibration is complete, it will return to the home page automatically.

Note: The Compass calibration do not need be used, unless:
The bait boat has been using in first time;
The bait boat had been never use in long time;
The direction of the bait boat incorrect;

02 Joystick calibration :

Press the setting button to enter the setting page, and select "joystick calibration", then perform the joystick calibration at the center spot at first, do not shake the joystick in this time; then move the maximum calibration of the joystick along the clockwise maximum range, return to the main interface after the calibration.

Note: This operation is not required normally, should be used the calibration of the Joystick is inaccurate. If the wrong Joystick calibration makes the Joystick can not operate effectively, then the remote control needs to restart, and press the centre button of the Joystick for 8 seconds to reset it in the main interface.

03 The screen backlight :

Adjusts the brightness of the screen backlight.

04 Speed settings :

The default boat speed, including "low speed", "standard" speed and "high speed".

05 Bait hopper mode:

We have two selections about the hopper opening, which are “single hopper” and “double hopper” ;

- a. It will open the left side with press the button once time and open right side with twice time press the button, if you choose “single hopper”
- b. Same as the meaning of words, both side of bait hopper will opening together at once time to press the button, this be named “double hopper”

06 Wireless channel:

First switch off the boat power, then press the remote control's "settings" button to enter the settings page, select a channel in the "wireless channel", when the "channel settings" interface screen, switch on boat power, the boat and the remote control will match the channel automatically. when the channel match is successful, the screen displays "channel match success" and return to the main interface automatically; if the match is unsuccessful, please follow the above steps to operate again;

Note: The channel matching was successfully between the remote control and the boat in the factory. the channel should be matched if the remote control and the boat do not communicate or there is similar frequency signal interference near the operation only.

07 Sonar frequency selection:

This product uses dual beam transducer, can be selected at 83khz and 200khz frequencies, 83khz transducer detection angle is 60 degrees, detection depth is 30 meters, 200khz is 20 degrees, detection depth is 80 meters; we can choose different frequencies to different waters to achieve better detection effect;

07 Demo mode:

When we select the demonstration mode, the screen will simulate the effect of sonar;

2. Advanced Settings

01 Boat type :

There are two versions of the c series bait boat, and the c3 is a fish finder version, with automatic driving and fish finder function , and the c5 is an all-in-1 version , with autopilot driving , gps positioning and navigation, and sonar fish finder functions. choose the right model according to the bait boat you purchase. c1 is a test mode, professionals use to test the products only;

02 Dual-mode satellite selection :

Our positioning system is a dual-mode satellite positioning system, which is jointly completed by GPS and another satellite positioning system. We can choose 3 different combination positioning modes: GPS+BDS, GPS+ Galileo, GPS+ Glonass;

03 Display unit selectionn :

The units of the fish finder display can be converted between metric and imperial systems, settings: "ft/° c", "ft/° f", "m/° c", "m/ °F ";

04 Left motor output adjustmen :

If the bait boat is obviously offset to the right during normally, the left motor output ratio will be reduced a little appropriately, and our adjustment range will be between 70% -100%;

05 Right motor output adjustment :

If the bait boat is obviously offset to the left during normally, the right motor output ratio will be reduced a little appropriately, and our adjustment range will be between 70% -100%

Note: Do not adjust the motor output ratio by yourself, which may affect the posture of your bait boat, please adjust with the assistance of after-sales personnel.

06 Compass angle compensation :

When the electronic compass and the actual geomagnetic angle has obvious deviation , we can compensate the electronic compass, compensation angle from -18 degrees- + 18 degrees, when the bait boat is not straight or navigation arc , use compass calibration first , after multiple calibration compass, the geomagnetic angle is still a deviation, to use the compass angle compensation. because the incorrect compensation will make the posture of bait boat strange, our software will also calibrate and compensate the compass automatically , so the best way is to consult your local after-sales service provider before the angle compensation is needed.

07 Software version :

Displays the software version number of the remote control and the boat and display software . the first number shows the firmware version of the remote control, the second number shows the display software version of the remote control, and the third number shows the firmware version of the boat..

08 Restoring the factory settings :

Restore the setting of the remote control all to the factory state. after restoring the factory setting, your remote control may be disconnected from your bait boat, which may require you to reconnect to the bait boat.

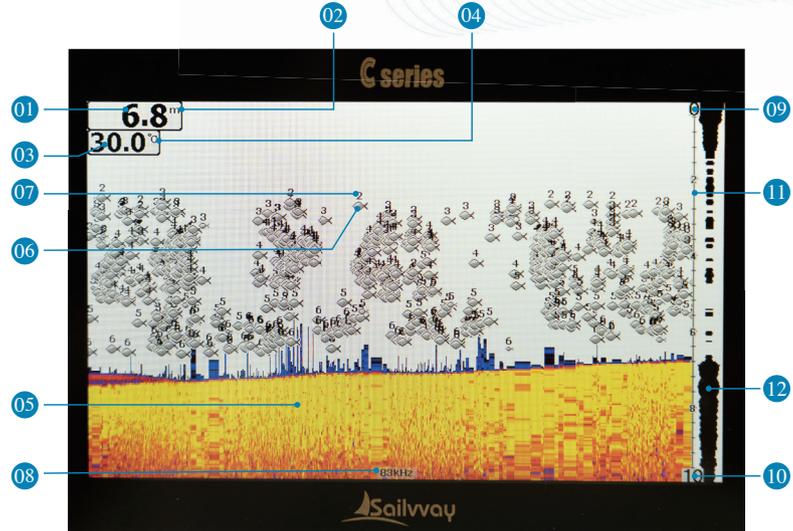
3.Sonar Setting

01 How sonar works :

Sonar technology is based on sound waves . the system uses sonar to locate and define structure, bottom contour and composition,as well depth directly below the transducer. the transducer sends a sound wave signal and determines distance by measuring the time between the transmission of the sound wave and when the sound wave is reflected off an object; then it uses the reflected signal to interpret location, size,and composition of an object.

02 Display view :

- 1.Water Depth
- 2.Unit of depth
- 3.The temperature of the water
- 4.Unit of temperature
- 5.Bottom Contour
- 6.Fish Icon(You can change the display to a fishbow in your sonar Settings)
- 7.Fish Depth
- 8.Sonar Frequency
- 9.Lower Limit
10. Upper Limit
- 11.Depth Scale
- 12.DTS single



How to setup sonar menu

The “setting” button is used to access the menu system. when you press the “setting” button once, the menu system immediately appears on the display.the menu system has 3 tabs:"basic setup" and "advance", "sonar setup", you can press the “setting” button to switch between different menu tabs.in each menu tab use the lower or upper key of joystick to select a specific menu item,and use the left or right key of joystick to change a menu setting, then press the Power button to return to the homepage

01 Sonar sensitivity :

Settings : "auto", "1%" to "100%"sensitivity controls the unit's ability to pick up echoes. if you want to see more detail , try increasing the sensitivity , a little bit every . there are situations when too much clutter appears on the screen. decreasing the sensitivity can reduce the clutter and show the strongest fish echoes if fish are present. as you change the sensitivity setting you can see the difference on the chart as it scrolls. select "auto" to have the unit automatically select the sensitivity according to the different water depths.

02 Depth rangey :

Settings: "auto", “0-9ft” to "0-240ft" ("0-3m" to "0-80m") select "auto" to have the unit automatically select the depth range,the bottom signal is automatically placed in the lower half of the screen.selects specific value to lock the depth range to a specific setting.

Note: In manual operation, if the depth is greater than the depth range setting, the bottom will not be visible on screen. you can select "auto" to return to automatic operation.

03 Fish symbols & depth :

Settings: "On/On", "On/Off", "Off/Off" this feature identifies targets that meet certain conditions as fish.the micro computer analyzes all echoes and eliminates surface clutter, thermoclines, and other undesirable signals. in most instances, remaining targets are fish. this feature displays fish symbols on the screen in place of the actual fish echoes. there are several fish symbol sizes. these are used to designate the relative size between targets.

Note: The sonar's microcomputer is sophisticated, but it can be fooled.it can't distinguish between fish and other suspended objects such as trotlines,turtles,submerged floats, air bubbles, etc.

04 **Depth cursor :**

Settings: "On", "Off" The depth cursor consists of a horizontal line with a digital depth box on the right side. the numbers inside the box show the depth of the cursor. you can move the cursor to any location on the screen, letting you pinpoint the depth of a target.

05 **Chart speed :**

Settings: "10%" to "100%"

The chart speed is the rate echoes scroll across the screen.

06 **Keel offset :**

Settings: "Off", "-9ft" to "+9ft" ("-3m" to "+3m") Keel Offset will adjust the digital depth readout to indicate depth from the waterline or boat's keel. Enter a positive vertical measurement from the transducer to the waterline to read the depth from the waterline. Enter a negative vertical measurement from the transducer to keel to read the depth from the keel.

07 **Sonar chart mode :**

Settings: "white background ", "blue background", "gray scale" you can change the sonar chart mode to suit your viewing preferences.

08 **Surface clarity :**

Settings: "Off", "High", "Medium", "Low" Surface Clarity adjusts the filter that removes surface clutter noise caused by algae and aeration. The lower the setting, the more surface clutter will be displayed.

08 **Noise rejection :**

Settings: "Off", "High", "Medium", "Low" The Noise Rejection system built into the sonar unit that constantly evaluates the effects of boat speed, water conditions and interference. This automatic feature gives you the best display possible under most conditions. If you have high noise levels, try using the "High" setting. However, if you are having trouble with noise, we suggest that you take steps to find the interference source and fix it, rather than continually using the unit on the high setting.

SPECIFIC OPERATION

01 Selection of the locations field :

The bait boat can store 6 groups (A \ B \ C \ D \ E \ F) different spots group, each group of Locations field has 40 spots and a home spot, select "current location field" box, then use the Joystick to choose a location field you want, normally , we can set different lakes for different location groups, find out location field information when we get the same place to fishing, convenient for our bait operation.

02 Delete of location field :

Select a location field and long press confirmation to delete all the location information already stored in the location field.

03 Single spot navigation operation :

1) Home spot

Select the correct location field, then switch to the "home" spot , store the current position of the boat as the home spot, when the "home" spot turn to green, means "home" spot storage is successful. in navigation page, we can press the home button on the remote control as the home spot;

Note: the home spot should be set after accurate satellite positioning (general positioning accuracy value is less than 2). if the home spot has not been set, the other spot cannot be set.

2) Storage of location spots

Select the correct location field, switch to the " spot select area", move the joystick to select the spot icon that you want to save, through the confirmation button or the joystick confirmation button, this spot icon apply to "green", which means this position spot information has been stored.

3) Delete spots

In the navigation page, select the spot icon to be deleted, long press the confirmation button or the confirmation of joystick, this spot icon changes to gray, which means this spot information has been deleted;

4) automatically of the spot

In the "location spot area", each spot has been stored location spot, can set the location spot need to perform automatically, when you choose a attribute in a position spot (such as release hook), the bait boat navigation to this position spot will perform the corresponding operation (bait boat navigation to the position spot, will perform release hook action automatically) . the "hook" button, the current selected location of the hook attribute set to be release or not, the "bait" button, the current selected location of the hopper attribute set to open or close, set the return attribute of the currently selected location spot to on or off by return button, when we set the current selected position spot to "back", the boat navigates to the location spot and returns to the home spot automatically,double click the corresponding key to cancel this automatic setting.

Note: To the navigation page, the "bait" "hook" and " return" can be used as the automatically setting switch of the position spot only , and cannot perform the function of opening the bait hopper, release the hook and automatic return.

5) Navigation

In the "spot area", select the spot icon,and then press the "go" button on the remote control. the spot icon flashes and turns to red , the remote control screen then returns to the main screen and displays the message "navigate to ** ", which means the boat is navigating to wards the target spot;



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04 Path navigation operation :

Using the path planning function, let the bait boat navigate through in successive sequence with our selected location spots, and perform the corresponding location spot setting operation (such as baiting and release hooks) after reaching each spot.

1) Setting of the path spots

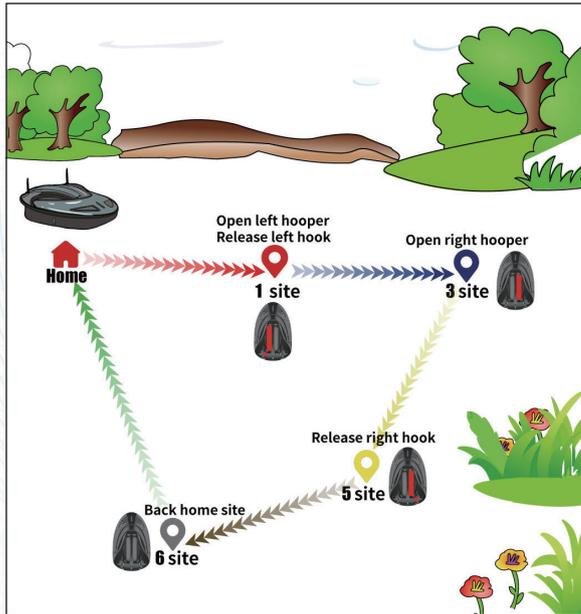
Enter the navigation page, switch to select the correct location field, then switch to the "path planning" area, use the left joystick to select the spot to add the path, press the confirm button to select, the selected path spots are displayed on the right area. at this time, we press the "go" button, the bait boat will navigate to the path spots that we choose. when the boat reaching one of these spot, the "automatically" of the position spot is executed until the navigation and automatically of all spots are completed.

2) Delete of path spots

In the path planning area, select the corresponding path spot and long press the confirmation, the path spot is deleted from the path planning.

3) Path navigation operation

Enter the navigation page, use the switch button to select the correct location field, and then switch to the "path planning" area, use the left Joystick to choose the spot to add into the path, then press the confirmation button to choose the selected path spots on the right of remote control. Now we press the "GO" button, the bait boat will navigate to the path spot which we choose in an order, the "automatically" of the position spot will be executed when the boat reaching a certain position spot, until every spot in the path planning are completed.



Action attribute value

Indicates that the action attribute takes effect

| CURRENT LOCATION A | | | | | | | | HOME | | | | | | | | | | | | | | | |
|--------------------|----|----|----|----|----|----|----|------------------|----|----|----|----|----|----|----|------|--|--|--|--|--|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | | | | |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | ACTION ATTRIBUTE | | | | | | | | | | | | | | | |
| Hook | | | | | | | | Bait | | | | | | | | Back | | | | | | | |

1 site

| CURRENT LOCATION A | | | | | | | | HOME | | | | | | | | | | | | | | | |
|--------------------|----|----|----|----|----|----|----|------------------|----|----|----|----|----|----|----|------|--|--|--|--|--|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | | | | |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | ACTION ATTRIBUTE | | | | | | | | | | | | | | | |
| Hook | | | | | | | | Bait | | | | | | | | Back | | | | | | | |

3 site

| CURRENT LOCATION A | | | | | | | | HOME | | | | | | | | | | | | | | | |
|--------------------|----|----|----|----|----|----|----|------------------|----|----|----|----|----|----|----|------|--|--|--|--|--|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | | | | |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | ACTION ATTRIBUTE | | | | | | | | | | | | | | | |
| Hook | | | | | | | | Bait | | | | | | | | Back | | | | | | | |

5 site

| CURRENT LOCATION A | | | | | | | | HOME | | | | | | | | | | | | | | | |
|--------------------|----|----|----|----|----|----|----|------------------|----|----|----|----|----|----|----|------|--|--|--|--|--|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | | | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | | | | | | |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | ACTION ATTRIBUTE | | | | | | | | | | | | | | | |
| Hook | | | | | | | | Bait | | | | | | | | Back | | | | | | | |

6 site

For example :

We select the stored location spots 1,3,5,6, the automatically of spot 1 is "bait" and "hook",the action attributes of spot 3 is "bait" and "back", the automatically of spot 5 is "bait" and "hook" , the automatically of spot 6 is "bait"+"back", then 1、 3、 5、 6 this four path spots appear in the selected path spots area on the right, we press the “go” button, the boat navigate to position spot 1 first, and open the left bait hopper and release left hook, then continue to navigation to spot 3, autoopen the right bait hopper, the return action automatically of spot 3 will not executed, since spot 3 is not the last location spot in the path planning, the bait boat continues its navigation to spot 5, the baiting action automatically is not executed, since both side hopper have been opened, the bait boat release the right hook automatically, then the boat navigates to the last path spot 6, the boat has no action executed on this spot except action “return h spot” , since both side bait hoppers have been opened and all hooks have been released, spot 6 is the last path spot, boat reaches path spot 6, perform the return automatically automatically, the bait boat return to home spot, this path plan is completed.



Please scan the QR code to
watch the video explanation



Note: Press the "go" to perform the path planning action only , when selection box is in the "path planning" area, if the selection box is in the "spot selection area", press the "go" just for a single spot of navigation action, boat will navigate to the currently selected spot and perform the corresponding automatically.

05 The compass calibration :

Click the setting button, switch into the setup page, select "compass calibration", then the bait boat turns around in the water, at same time, the electronic compass in the boat starts to calibrate, when the calibration is complete, it will return to the home page automatically.

Note: The compass calibration do not need be used, unless:
The bait boat has been using in first time;
The bait boat had been never use in long time;
The direction of the bait boat incorrect;

06 The joystick calibration :

Press the setting button to enter the setting page, and select "joystick calibration", then perform the joystick calibration at the center spot at first, do not shake the joystick in this time; then move the maximum calibration of the joystick along the clockwise maximum range, return to the main interface after the calibration.

Note: This operation is not required normally, should be used the calibration of the joystick is inaccurate. if the wrong joystick calibration makes the joystick can not operate effectively, then the remote control needs to restart, and press the centre button of the joystick for 8 seconds to reset it in the main interface.



Please scan the QR code to watch the video explanation



07 Channel matching :

Firstly switch off the bait boat power supply, then press "settings" button to enter the setup page, select a channel in "channel selection", "channel settings" interface screen, switch on the boat now, the boat and the remote control will matching automatically, the screen displays "channel matching success" when the channel matching is successful, it will return to the main interface automatically; if the matching unsuccessful, please follow the above steps to operate again.

Note: The channel matching was successfully between the remote control and the boat in the factory. the channel should be matched if the remote control and the boat do not communicate or there is similar frequency signal interference near the operation only.



Please scan the QR code to watch the video explanation



08 Bait hopper operation :

Bait hopper will open the left side with press the button once time, and open right side with twice time press the button, all the corresponding status of bait hopper can be seen in boat status column of the remote control; the bait hopper will close after 8 seconds automatically.

Note: Default of the bait hopper opening is the single hopper opening; you can change to “double hopper” in the setting menu.



Please scan the QR code to watch the video explanation



09 the Hookers Operation :

The left hook release by press the "hook" button once time, and the right hook release by press the "hook" button twice; all the above operations can be found in the corresponding status of the hook at the boat status on remote control;

SAFETY PRECAUTIONS

01 Low power automatic return :

When the battery is low, the buzzer of the remote control will alarm and the boat will return to the home spot automatically;

02 No signal automatic return :

When the connection signal is lost, the buzzer of the remote control will alarm after 30 seconds, the boat will return to the location that can be operated through the remote control;

Note: The above operation requires the “h” spot be confirmed only.

03 Proeller winding self-protection :

When we detect the current increases suddenly, since the propeller winding debris, it will cut off the power automatically, and restore the power after 10 seconds. At this time, the home screen of the remote control will display icon4.bmp flashing, indicating that the motor is protected by power failure.

04 Boat position drift indication :

When the boat has no operation, if the GPS position spot is detected to drift more than 10 meters, the remote control screen of the boat will turn red flashing and have an alarm sound.



ATTENTIONS

1. For your safety to use, do not use non-original power supply batteries, do not charge the remote control or boat battery with the non-original charger;
2. Charging the battery, please do not proceed in a closed room, do not charge in a wet environment, no flammable and explosive items near the battery, do not use other items to cover the charging battery;
3. Do not be exposed to high temperature for a long time; it is strictly prohibited to drop, smash or prick the battery with sharp metal objects, do not put the battery into the fire or into the water; if the battery drop into the water by accident, it is strictly prohibited to use the battery to work again;
4. The bait boat long time not been use, battery should be removed and stored, clean out the debris, keep the boat dry and stored;
5. When the first used or unused for a long time, the compass needs to be calibrated.
6. Do not use the other sizes unauthorized propeller, this causing the circuit to burn out;

COMMON FAULT SCREENING

Follow the following steps before declaring the fault angle

| ord | fault phenomenon | Possible cause | resolvent |
|-----|---|---|---|
| 1 | The remote control | run out of battery | Charge the remote control |
| 2 | The remote control has no signal | The antenna was not Connect | Check whether the connect of antenna |
| | | There is no matching | Repeat the channel matching |
| 3 | The remote control signal is sometimes | There are similar canal interference nearby | Go to the Settings menu and reselect a channel to match |
| | | The target spot is too | Reset the target spot |
| 4 | Unable to navigate | The compass is not | Calibrate the compass |
| | | Compass calibration was not performed | Calibrate the compass |
| 5 | The boat driving direction is biased | Compass calibration was not performed | Calibrate the compass |
| 5 | Navigation or automatic driving turn around | Compass calibration was not performed | Calibrate the compass |

PRODUCT TECHNICAL INDICATORS

C SERIES BAIT BOAT PARAMETERS

| Boat | | |
|---|--------------------------------------|-----------|
| Material | ABS+PC | |
| Hull size: | 679mm × 439mm × 258mm | |
| Hull weight (excl.battery) | 5.8KG | |
| Battery weight(11.1V10AH Lithium battery×2) | 1.34KG | |
| Battery weight(11.1V20AH Lithium battery×2) | 1.66KG | |
| Hull type | Twin-hull, twin-propelle,twin-engine | |
| Lithium Battery | Standard11.1 /10AH×2, Optional20AH×2 | |
| Bait hopper Qty | 2 | |
| Bait Hopper Capacity | 3kg | |
| Hook Q'ty | 2 | |
| Hopper control mode | Reducer | |
| Driving mode | Dual motor drive | |
| Sailing Speed(By Lithium Battery) | 60m-80m/min Adjustable | |
| Work time | boat(By 10AH*2 Lithium Battery) | 2.5hours |
| | Remote control | 8-10hours |
| 5 | Turning Radius | 0.5M |

| All in One Remote Control | |
|------------------------------|--|
| Remote control size | 212.5mm*149.5mm*50mm |
| Remote control weight | 670g |
| Display specification | 5" 24 bit TFT Color display V800xH480 with High brightness |
| Frequency | 868MHz |
| Distance | 500m |
| Battery capacity | 10400mAH |
| Satellite Positioning System | |
| Satellite positioning system | GPS/Beidou/Glonass/Galileo Navigation Satellite System |
| Positioning accuracy | < 2M |
| Time to capture satellite | < 1min |
| Locations storage number | 6 Groups*(40 spots+1home) |
| GPS Navigation Driving | yes |
| Path planning Navigation | yes |
| Automatic cruising | yes |
| Fish Finder System | |
| Sonar transducer frequency | 200KHz&83KHz duel beam sonar frequency |
| Sonar angle | 83KHz: ∠ 60°, 200KHz: ∠ 20° |
| Water depth accuracy | 0.1m |
| Water depth range | 0.8m-80m |

Note: Note Due to the need of continuous product improvement, the material production shall prevail, and our company reserves the right to have a new product history.9