Wireless Colour Screen Intelligent Fish Finder

F13

1. Products

Thank you for choosing our wireless colour screen intelligent fish finder! This product is mainly an auxiliary fishing equipment developed and designed for fishing enthusiasts. This product uses sonar to detect the depth of the water body, fish and help you determine the outline, composition and structure of the water bottom, can be widely used in reservoirs, rivers, lakes, oceans and other waters.

2. Packing List

Mainframe: 1 pcs.   Wireless probe: 1 pcs.
Instructions: 1 pcs.   Host charging cable: 1 pcs.
Probe charging cable: 1 pcs.   Quick guide: 1 pcs
Lanyard: 1 pcs.   Threading screws: 2 pcs.

3. Product Function Description

3.1.Host
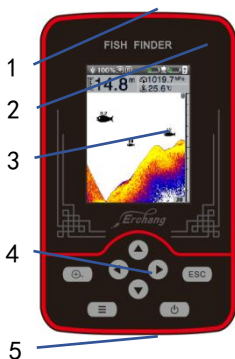
serial	functionality
1	charging
2	indicator
3	display
4	keypad
5	lanyard

3.2. Probe
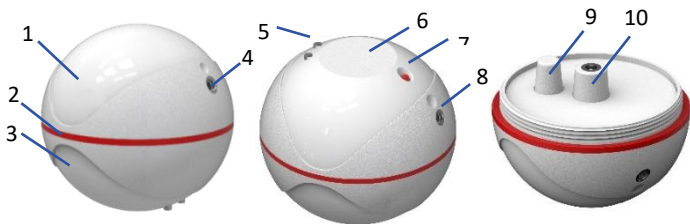
serial	functionality	serial	functionality
1	canopy	6	sonar working surface
2	seals	7	fish trap
3	bottom cover	8	Bottom cover nut
4	Face cap nuts	9	antenna
5	water switch	10	charging port

4.Operating instructions

4.1.Mainframe Key Description

a. " ⏻ " Power button: long press to switch on and off the main unit.

b. " ≡ " menu and confirmation key: call up the setup menu screen.
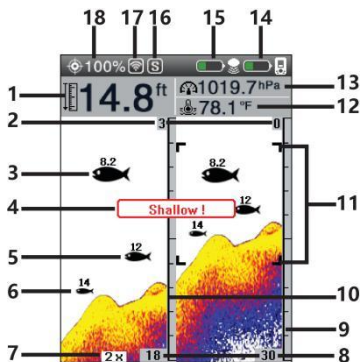
c. " ESC "Return to exit key: saves the parameters and exits the current menu.

d. " ⊕ " Zoom button: enlarge the display screen. (Not available

when in disc sonar screen).

e. "◀▲▼▶ " directional key combination: selection of menu items and setting parameters.

4.2.Display interface description

a. main interface
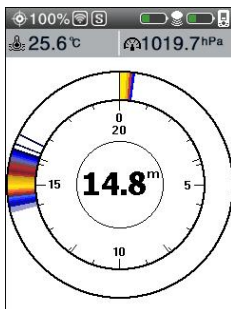
Main Interface   Disc Sonar Interface

Users can select the display interface by pressing the "◀▲▼▶ " directional key combination left and right keys

serial	functionality	serial	functionality
1	depth	10	Zoom area ruler
2	Upper limit of depth range	11	Enlarged area
3	Big Fish	12	Temperature
4	Water Depth Alarm	13	Atmospheric Pressure
5	Medium Fish	14	Host battery

6	Small fish	15	Probe battery
7	Zoom	16	Demo mode on
8	Lower limit of depth range	17	connection status
9	scale	18	Sensitivity

4.3.Host Parameters Description

a. sensitivity

Generally speaking, if the sensitivity is adjusted higher, the detection ability becomes stronger, the chance of detecting fish becomes higher, but the probability of false judgement increases. Users can choose the appropriate sensitivity according to the underwater environment.

b. Depth range

Used to set the height position of the water bottom on the screen. It is recommended that the depth range be set to greater than and closest to the actual water depth for the best display.

c. noise filter

Used to set the level of software filtering for sonar noise.

d. fish icon

It is used to set whether the probe detects a fish and displays it as a fish icon or as a waveform graph. The size of the fish, the depth at which the fish is located, and the attitude of the fish underwater all affect the judgement of the size of the fish, so the size fish icon is a qualitative reference data, and does not accurately represent the exact size or weight of the detected fish. The general experience is that: 15cm/0.5Ft or less is a small fish, 15-30cm/0.5-1Ft is a medium fish, and 30cm/1Ft or more is a large fish.

e. fish trap

The product is designed with colourful fishing attraction lights, which take advantage of the curiosity of a certain species of this fish for the light to attract more fish.

f. Unit settings

Used to switch units of measurement for water depth and temperature (M/°C and Ft/°F).

g. screen brightness

Used to adjust the brightness of the screen, the higher the brightness, the clearer the display in bright light, and at the same time the power consumption will be greater, turn down the brightness can save power.

h. refresh rate

You can adjust the speed at which the information on the display is refreshed, with 10% being the slowest and 100% being the fastest. Normally the refresh rate should be set to the maximum so that the detected underwater information can be updated in a timely manner.

i. transparency

The transparency of the menu settings window can be adjusted so that higher transparency reduces the obscuring of the sonar graphics.

j. Shallow water alarm

The user can set a value so that the buzzer will sound an alarm when the depth of the water bottom is detected to be equal to or less than the set value. The shallow water alarm value cannot be set to a value greater than the deep water alarm.

k. Volume settings

Adjust the volume level of the system tone.

l. Demo Mode

It is possible to demonstrate the function of this product and the

user can simulate the operation.

m. Sonar background

Adjusts the background colour when the sonar display screen is on.

n. Language Settings

This option allows the user to select the language that suits them.

o. Restore Factory Settings

This function allows the user to restore the parameters of the host computer to the factory default settings through a simple operation when the parameters are messed up.

5. Wireless Probe Operating Instructions

5.1.How the water switch works

The water switch works by utilising the conductivity of water. When the probe is plunged into the water, the two hardware terminals are immersed in the water and the probe automatically switches on and flashes the indicator light. Remove the probe from the water, wipe the water from the hardware terminals on the probe, the circuit between the two terminals is broken, the probe switches off and the indicator light goes out. Note that pure water is not conductive so it cannot be switched on in pure water.

5.2.Charging method

When the probe power indicator symbol on the host display is empty, or when the white indicator light flashes rapidly after the probe is switched on, it means that the probe power is low and needs to be charged in time.

Hold the face cover and bottom cover with both hands

respectively and rotate them counterclockwise, you can open the face cover of the probe, insert the DC head end of the charging cable into the charging port of the probe, and connect the USB end to the USB power adapter (the power adapter needs to be provided by yourself, and the recommended power is not less than 5V1A).

The indicator light (red) is always on when charging: when the battery is full, the charging indicator light is off. After charging the probe, please use it after tightening the face cover to avoid water ingress.


chargi

exte
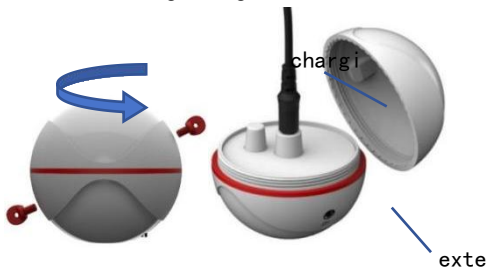
6. Tips & Tricks

6.1.Relationship between detection area and detection depth

The relationship between detection area and detection depth

After tying the sensor to the end of the fishing rod and throwing it into the water, slowly drag the sensor to move on the water surface, and you will be able to see accurate underwater information on the display.

Detection depth (meters)

Detection range (diameter: meters)

0 7.8 15.6
9 6 3
23.5
18
46.9
36
93.8
50
130.3
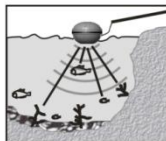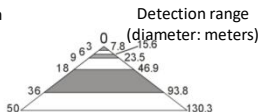
6.2.Attaching the line for rod casting :Tie the probe, buoy and lure together at the end of the fishing rod and throw it into the water.

6.3.Used with a remote control boat : The probe is delivered to the fishing spot with a remote control boat.

6.4.Real-time scanning mode : Drop the probe into the water and slowly drag the transducer on the surface with a fishing rod, you will be able to see the underwater information (including underwater structure, depth, fish position, etc.) on the moving route on the display.

6.5.Fixed-point scanning mode : Drop the probe into the water and let it float fixedly on the surface. It will scan a certain range of water bottom below. Underwater information will be automatically shown on the display, and once a fish enters the monitoring area, a fish symbol will appear on the display.

6.6.How to tie the wireless probe : The bottom cover of the probe is designed with one screw hole each, screw the threading screws into the screw holes according to the drawing, and then tie the fishing line in the screw holes. The screws need to be tightened and the fishing line needs to be tied securely to avoid loss of the probe, for insurance purposes, the two threading screws on the bottom cover can be tied at the same time, and need to make sure that the sonar working surface floats vertically downwards on the water surface.

7. caveat

7.1.When the water depth or fish depth is lower than 0.8 metres, the data will be inaccurate, unstable, or no data, so it is not recommended to use the product in shallow water.

7.2.the probe after use, need to dry the surface water, and please do not put the probe on the conductive objects, otherwise it may continue to power on to lead to power consumption.

7.3.please pay attention to the protection of the probe water switch terminal, avoid contact with corrosive liquids, otherwise the surface plating will be damaged after the impact of its conductive ability, and then make the power on insensitive.

8.Specification

8.1.hosts

Maximum external dimensions: L130.7xW79.8xH19mm
Weight: approx. 150g
Display type: colour sunlight LCD
Display size: 2.6 inches
Languages: Spanish/English/Japanese/French/Italian/German
Unit of measurement: metres/feet
Charging voltage: DC5V
Working Temperature: -10～60℃
Storage temperature: -20～70℃

8.2.wireless probe

Detection depth range: 0.8-60 metres
Sonar frequency: 125 KHz
Sonar radiation angle: 105 degrees
Overall Dimension: Ø68mm
Weight: approx. 90g
Charging voltage: DC5V
Working Temperature: -10～60℃
Storage temperature: -20～70℃
Charging time: approx. 2 hours

8.3.Radio FM component

Maximum wireless connection distance: 100 metres (in an unobstructed environment)

Wireless frequency: 433MHz

9.Warranty

The product implementation of the national three packages regulations, non-quality issues such as the need to return to ensure that the goods are not worn and missing parts, and does not affect the secondary sales.

All disassembly and maintenance operations must be performed by a specialised technician, except as directed in this manual. The product will not be covered by the warranty policy if any of the following conditions apply:

1、Disassembly of the product by yourself, or other man-made damage.

2. Underage children, use without adult supervision.

3. The main body of the product falls into water.

The illustrations in the instruction manual may not be exactly the same as the actual product, the actual product in the package shall prevail. The contents of this manual are subject to update without prior notice.

Shenzhen joylemarry Electronic Co., Ltd.

Website:www.joylemarry.com

Add: Building 9, No.2, Jinlong Avenue, Baolong Community, Baolong Street, Longgang District, Shenzhen, China.

Tel: 86-0755-89381673

FCC Warning

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 inte rference received, including interference that may cause undesired operation.

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.