

Deepbalance fish finder operation guide (dolphin)

Product description:

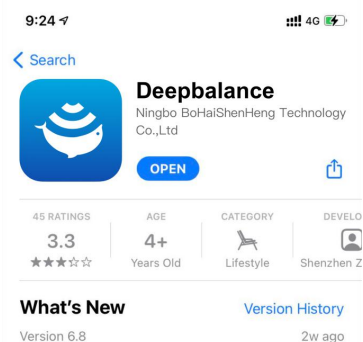
Thank you for choosing the deepbalance fish finder (dolphin). This product is specially designed for fishing enthusiasts and fishermen. It is suitable to find fish in rivers, lakes and seas. It can accurately let you measure the depth of the water, the number of single fish or a colony of fish, and the depth of the fish's location. Sonar technology uses sound propagation and reflection to determine the distance and shape of underwater objects. This product uses the sonar technology with AI calculation to directly detect and identify the fish situation in the water accurately, and uses WiFi technology to transmit the water depth, water temperature and fish situation information detected by the sonar probe to smart terminals such as mobile phones, tablets or PC. The user can easily and intuitively understand the underwater situation and fish's information.

How to download the application?

1) Android users please scan the QR code below, it will jump to the download page, and then click to install directly



2) Users please search for deepbalance fish finder in the app store and click to download.



How to connect to a mobile phone

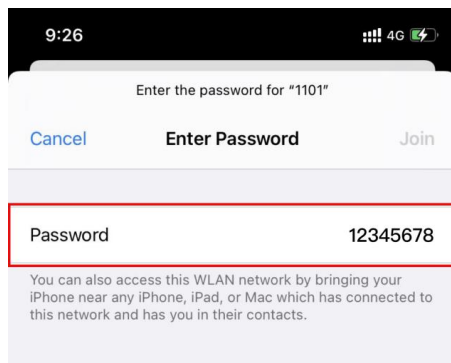
1) Put your fishing sonar in the water, and then click the setting icon on your phone to enter the setting interface.



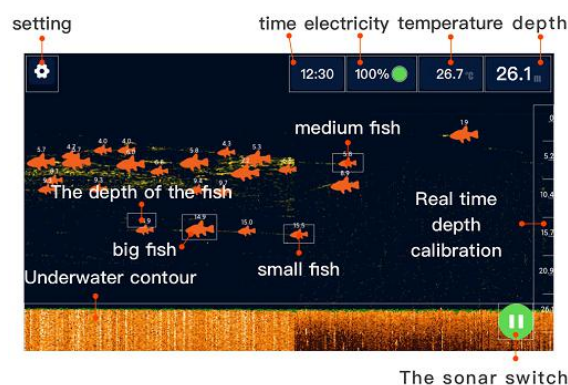
2) Click WiFi (wireless local area network) to turn on WiFi. If the device is successfully discovered, you will see a signal named "DB Dolphin-XXX" in your WiFi list



3) After clicking "DB Dolphin-XXX", the page will jump to enter the WiFi password. The initial password is: 12345678. After entering the password and clicking connect, the signal between the phone and the sphere is successfully connected, take iPhone as an example



Software display interface function introduction:

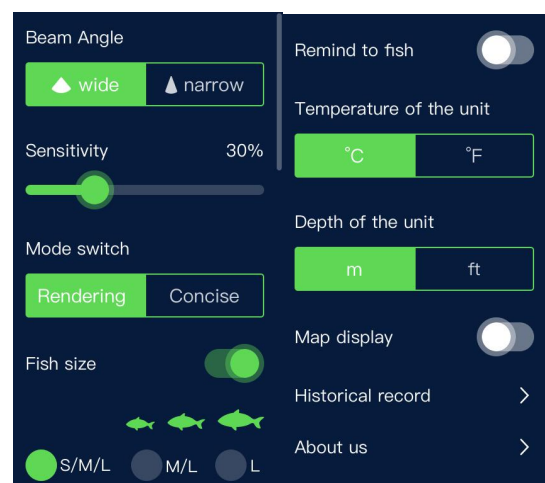


In the main interface, click "Turn on Sonar" to enter the working mode. If there is no WiFi signal connection, the status of WiFi disconnection will be displayed on the head, and you need to reconnect in the settings. In the working mode, the water depth, water temperature and fish condition information will be continuously obtained from the WiFi probe, and refreshed continuously from right to left. Each display unit is described in detail below.

- 1) Water depth: The depth detection range is 0.5-100m, and the display accuracy is 0.1m.
- 2) Water temperature: the water surface temperature is detected, and the probe has a temperature sensor in contact with the water surface.

- 3) Real-time scale of water depth: This scale allows users to intuitively view the depth of water and fish's colonies.
- 4) Power: This icon indicates the power of the WiFi probe, and displays the remaining power as a percentage. It is recommended to use a 5V/1A charging head. A full charge takes 4-6 hours.
- 5) Fish icon: When the fish icon is turned on, when the sonar detects a fish, the big fish, medium fish, and small fish will be displayed according to the size of the fish.
- 6) Fish depth: This value represents the depth of the fish, and the number above the fish icon represents the depth of the fish.
- 7) Bottom contour: The bottom contour indicates the change of the bottom depth during the detection time. The underwater contour is refreshed from right to left, and the refresh rate is 6-10 frames per second, automatically switching according to the depth.
- 8) Settings: Clicking on the icon will slide out several items that need to be set from the left, which can be adjusted according to the situation.
- 9) Sonar switch: turn on the sonar, the sonar will enter the working state; turn off the sonar, the sonar will stop working.

Setting interface function introduction:

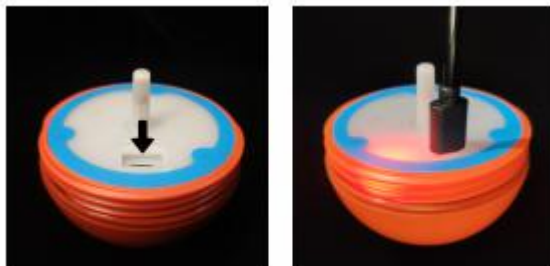


- 1) Beam angle: wide beam angle, large detection range, but low accuracy; narrow beam angle, small detection range, but high accuracy
- 2) Sensitivity: The higher the sensitivity, the smaller the energy feedback displayed; the lower the sensitivity, the stronger the energy feedback displayed.
- 3) Mode switching: The concise mode only displays the terrain and fish symbols, and the rendering mode is to display the terrain and fish symbols as well as feedback the energy of the detected objects. The rendering mode is displayed by default.
- 4) Fish size: used to set whether to display the fish icon and depth function. The fish detected by the sonar is screened and displayed according to the size. For example, when "Large" is selected, the interface will only display the large fish detected, and the small and medium-sized fish detected will not be displayed. By default, all detected fishes of large, medium and small are displayed.
- 5) Incoming fish reminder: used to set whether to turn on the incoming fish reminder function. If it is turned on, when a fish is detected, the software will sound a reminder to remind the user that a fish has appeared.

- 6) Unit setting: used to set the depth unit is metric (M) or English (Ft) and the temperature unit is Celsius (° C) or Fahrenheit (° F)
- 7) Map display: used to set whether to open the map display function. When the map display is turned on, the map mode will appear in the lower left corner of the screen, and the running track of the sonar will be displayed.

How to charge:

Unscrew the sonar sphere, find the USB charging port, connect the smaller end of the USB charging cable to this charging port, and connect the larger end of the USB charging cable to the power port. When the device is charging, the LED indicator will turn red. When the device is fully charged, the LED indicator will turn green. It takes about 3-4 hours to fully charge.



(The charging port is Micro-usb) (The red light is on when charging)

Battery information:

This device contains a lithium-ion battery, which can be charged and discharged multiple times. In order to improve the life of the battery, please do not expose it to extreme temperatures. The battery may be dangerous. The following safety rules must be followed:

- 1) Do not attempt to disassemble or replace the battery;
- 2) Do not expose this equipment to the sun when it is not immersed in water for a long time;
- 3) Do not throw the battery into the fire;
- 4) If there is smoke, do not use the device. Avoid letting the leaked product come into contact with the skin or eyes. In the event of an accident, wash the contact area thoroughly with cold water. If you have any persistent discomfort or other symptoms, please consult a doctor.

Precautions:

The deepbalance fish finder is a sonar-based device whose purpose is to locate fish. The following safety and usage rules must be observed:

- 1) Do not swing fishing near high-voltage power lines;
- 2) Do not use the equipment in any other way than the usage methods described in this booklet;
- 3) Do not fall, step on, stab, kick or throw equipment at will;
- 4) Don't let the equipment receive vibration or impact, there may be some abnormal conditions;
- 5) If it has any major physical damage, do not use the equipment;
- 6) If there is any abnormal sound or water flow when shaking it, do not use this equipment;
- 7) Do not throw the equipment at will, which may cause personal injury or property damage or damage to the equipment itself, especially indoors;
- 8) Don't rely too much on the value of depth to avoid bottoming of the sailing ship;
- 9) Don't rely too much on the map function of the app to avoid collision while sailing or misleading while driving;

- 10) Please keep the product and accessories well packaged and put them out of the reach of children;
- 11) Do not let children use or play with the equipment;
- 12) Please do not try to disassemble the equipment and accessories, the high-voltage circuit of the equipment will cause major accidents;

Product parameter:

Dimensions: ø68mm

Product net weight: about 105 grams

Packing size: 17*14*8cm

Connection mode: Wi-Fi

Signal range: 80m

Sonar frequency: 110KHz / 310KHz

Sonar data frame rate: 10 frames per second

Sensitivity adjustment range: 1%—100%

Sonar continuous working time: 5.5 hours

Temperature range: 0°C—50°C ($\pm 1^\circ\text{C}$)

Battery: 1500mAh (lithium polymer 3.7V rechargeable)

FCC Statement

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 interference to 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.