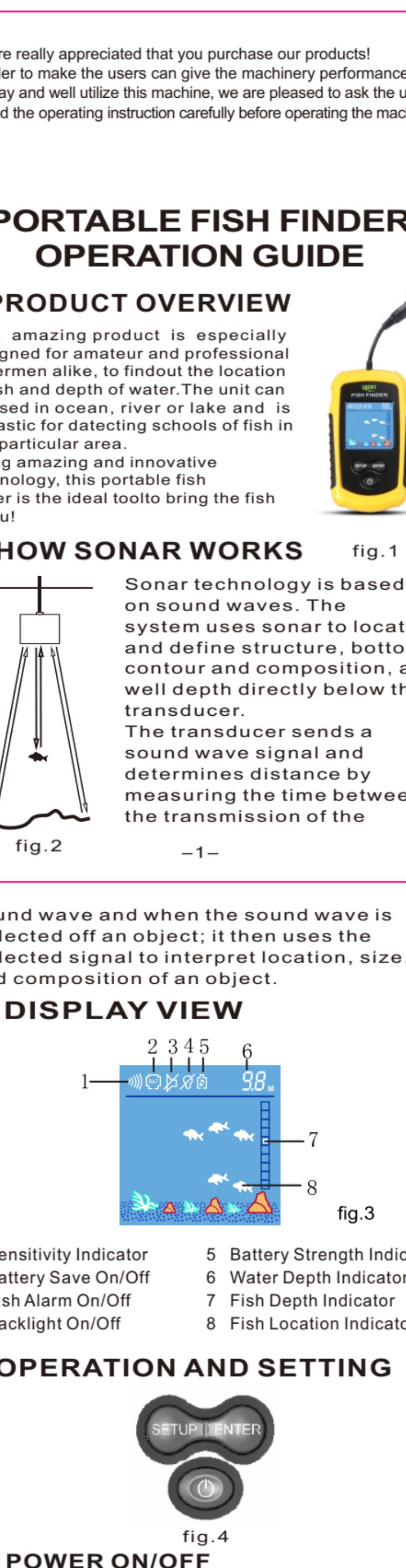


**LUCKY**

## PORTABLE FISH FINDER OPERATION GUIDE

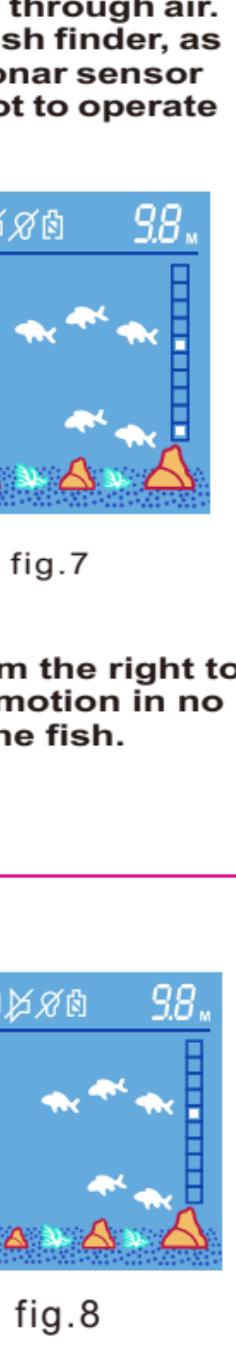


We are really appreciated that you purchase our products! In order to make the users can give the machinery performance into full play and well utilize this machine, we are pleased to ask the users to read the operating instruction carefully before operating the machine.

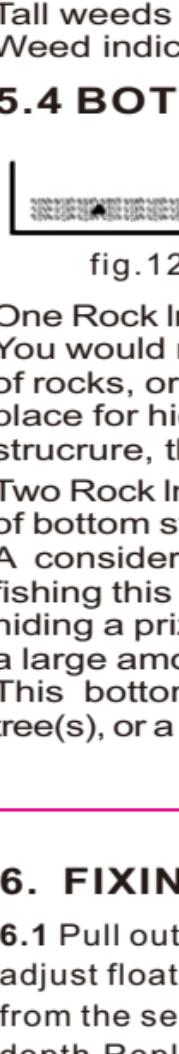
## PORTABLE FISH FINDER OPERATION GUIDE

### 1 PRODUCT OVERVIEW

This amazing product is especially designed for amateur and professional fishermen alike, to findout the location of fish and depth of water. The unit can be used in ocean, river or lake and is fantastic for datecting schools of fish in any particular area. Using amazeng and innovative technology, this portable fish finder is the ideal tool to bring the fish to you!



### 2 HOW SONAR WORKS



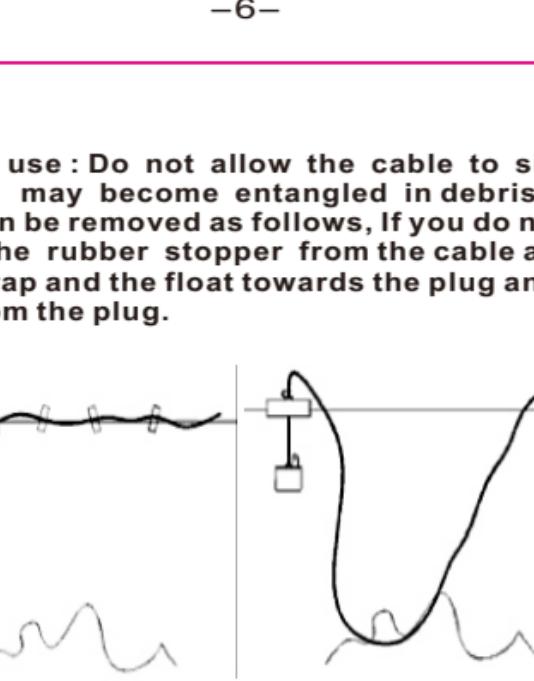
Sonar technology is based on sound waves. The system uses sonar to locate and define structure, bottom contour and composition, as well depth directly below the transducer. The transducer sends a sound wave signal and determines distance by measuring the time between the transmission of the

fig.2

-1-

sound wave and when the sound wave is reflected off an object; it then uses the reflected signal to interpret location, size, and composition of an object.

### 3 DISPLAY VIEW



- |                         |                              |
|-------------------------|------------------------------|
| 1 Sensitivity Indicator | 5 Battery Strength Indicator |
| 2 Battery Save On/Off   | 6 Water Depth Indicator      |
| 3 Fish Alarm On/Off     | 7 Fish Depth Indicator       |
| 4 Backlight On/Off      | 8 Fish Location Indicator    |

### 4 OPERATION AND SETTING

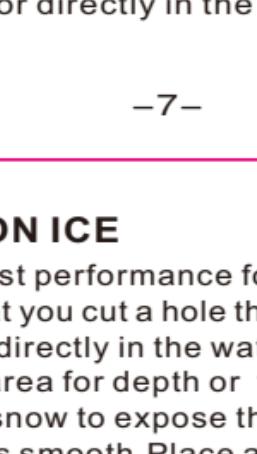


fig.4

#### 4.1 POWER ON/OFF

Slide and remove the Battery Door , Install 4 AAA batteries. Be certain to align the batteries as per the diagram within the battery compartment. Close the battery door completely.

Press the POWER key to turn the power On , the unit enter normal mode after display full show 1 second.

-2-

Press the POWER key to turn the power On , the unit enter normal mode after display full show 1 second. Press and Hold the POWER key for 3 seconds to turn the Power Off. To enter the simulation mode: press and hold the POWER key for 5 seconds and release while the power is off.

**NOTE:** The unit must be turned off to enter normal operation from simulation mode.

**Automatic power off feature :** The display will shut off automatically when the depth display reads "—" continuously for 5 minutes.

#### 4.2 FUNCTION SETTING

Press and Hold the SETUP key for 3 seconds, the Save indicator{ } will blink; then pressing the SETUP key again and again, the indicator will blink from the current feature to be set. (Sensitivity{ }) —SAVE{ }--- Alarm{ }---Backlight{ }

Press and hold the ENTER key for 3 seconds, the measure unit will blink, then press the ENTER key again and again, the measure unit blink from the current unit "M" or "FT" to be set.



fig.5

Backlight illuminated all the time when backlight feature ON. This feature will greatly reduce the battery life of the unit. So it should only be used during low light conditions. The backlight will illuminate for 3 seconds whenever a key is pressed when the backlight feature is set to off.

-3-

**NOTE:** You can select SAVE mode to work when you play on long time or water quiet , in order to extend batteries use-life. The screen can be refreshed by pressing the POWER key during normal operation.

### 5 FISH AND DEPTH READOUT

#### 5.1 READING DEPTH



fig.6

The depth readout on the top right,will appear after the power is turned ON and the sonar sensor is placed in water. The depth meter will indicate "—" if the depth exceeds these parameters (0 .7 to 100 meters).

**NOTE:** This reading may also occur in water is extremely dirty, or where there are heavy silt or mud bottoms. Sonar is a sound signal that travels through water. Sonar will not travel through air. Keep this in mind when using the fish finder, as the smallest bubble between the sonar sensor and the water, will cause the unit not to operate correctly.

#### 5.2 FISH SHOW

If the finder determines that sonar has detected a fish, the display will show a fish shaped icon (fig. 7). The first column of fish indicators on the right of the display shows the most current information.

This column is then moved to the left as a new reading is displayed Fish icon moved in every 5 seconds.

**NOTE:** The fish indicators move away from the right to the left at a constant speed. This motion in no way reflects actual movement of the fish.

-4-

Use the fish Depth Indicator to measure the fish's depth from the sonar sensor (fig. 8).This can be done by dividing the depth reading by 10. This number represents the value of each box.

(Example, the depth is 20 m, the fish symbol appears in the 5th box from the top. This means the fish is 10 m from the surface)



fig.8

#### 5.3 WEED SHOW

fig.9 fig.10 fig.11

The display indicates the presence of short weeds by turning on the smallest Weed indicator (fig.9) Moderately tall weeds are depicted by turning on the second Weed indicators(fig.10)

Tall weeds are depicted by turning on the third Weed indicator(fig.11)

**NOTE:** If depth readings appear as "—" while using one of these methods, place the sonar sensor directly in the water to verify that the fish finder is operating properly.If it operates properly while directly in the water, reposition the sensor in a new location in the hull, and repeat the methods in above

7.1.3 "shoot -Thru" the hull of a boat. Place the sonar sensor in 1 inches of water against the hull bottom.Or coat the face of the sonar sensor with petroleum jelly and press it against the hull bottom with a twisting motion.

**NOTE:** If depth readings appear as "—" while using one of these methods, place the sonar sensor directly in the water to verify that the fish finder is operating properly.If it operates properly while directly in the water, reposition the sensor in a new location in the hull, and repeat the methods in above

7.1.4 Use a pole to guide the sonar sensor to a desirable position (fig.18) or add floats on the cable to float on the water (fig. 19)

-5-

**NOTE:** Do not allow the cable to sink to the bottom as it may become entangled in debris {fig.20}

\* The float can be removed as follows, if you do not need it, cutting off the rubber stopper from the cable and sliding the safety strap and the float towards the plug and gently take it out from the plug.

**NOTE:** Do not allow the cable to sink to the bottom as it may become entangled in debris {fig.20}

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