LOWRANCE®

FishHunter 3D/PRO

Operator Manual

ENGLISH

Preface

As Navico is continuously improving this product, we retain the right to make changes to the product at any time which may not be reflected in this version of the manual. Please contact your nearest distributor if you require any further assistance.

It is the owner's sole responsibility to install and use the instrument and transducers in a manner that will not cause accidents, personal injury or property damage. The user of this product is solely responsible for observing safe boating practices.

NAVICO HOLDING AS AND ITS SUBSIDIARIES, BRANCHES AND AFFILIATES DISCLAIM ALL LIABILITY FOR ANY USE OF THIS PRODUCT IN A WAY THAT MAY CAUSE ACCIDENTS, DAMAGE OR THAT MAY VIOLATE THE LAW.

Governing Language: This statement, any instruction manuals, user guides and other information relating to the product (Documentation) may be translated to, or has been translated from, another language (Translation). In the event of any conflict between any Translation of the Documentation, the English language version of the Documentation will be the official version of the Documentation. This manual represents the product as at the time of printing. Navico Holding AS and its subsidiaries, branches and affiliates reserve the right to make changes to specifications without notice.

Copyright

Warranty

The warranty card is supplied as a separate document.

In case of any queries, refer to the brand web site of your display or system:

www.lowrance.com

Declarations and conformance

This equipment is intended for use in international waters as well as inland waters and coastal sea areas administered by countries of the USA, E.U. and E.E.A.

Compliance Statements

This equipment complies with:

- CE under 2014/53/EU Directive
- The requirements of level 2 devices of the Radio communications (Electromagnetic Compatibility) standard 2008
- 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.

The relevant Declaration of conformity is available in the product's section at the following website:

www.lowrance.com

Industry Canada

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Warning

The user is cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 the 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 of the receiver
- Consult the dealer or an experienced technician for help

About this manual

This manual is a reference guide for operating the FishHunter portable fish finder.

Important text that requires special attention from the reader is emphasized as follows:

→ ***Note:*** Used to draw the reader's attention to a comment or some important information.

Trademarks

FishHunter™, Directional Casting™, Lowrance® and Navico® are registered trademarks of Navico Holding AS.

Contents

Overview

Features labelled with an asterisk (*) are only available for FishHunter 3D.

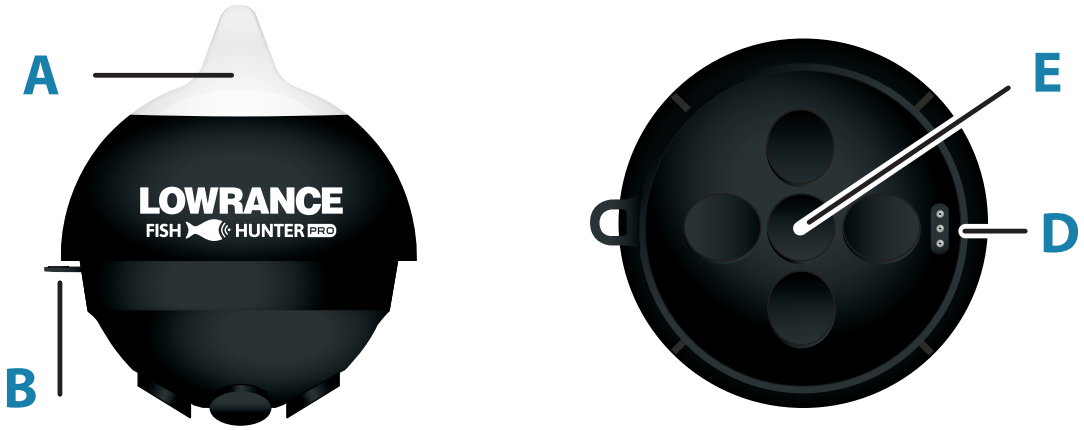
FishHunter 3D/PRO is a powerful fish finder created for Apple and Android phones and tablets. The sonar floats on the surface of the water where it tracks water temperature, water depth, bottom contour and fish locations. FishHunter transducers can be casted from a bank or dock as well as trolled behind your boat or used for ice fishing.

The **FishHunter 3D/PRO** wireless fish finder sonar connects to your smartphone/tablet via Wi-Fi using our free software app, so you don't need to have a cell tower connection or use your cellular data to use your new fish finder.

Using our free **FishHunter** software app, you will also have the ability to access and store critical fishing information like your favorite fishing spots, your catch details and share your information with your friends and other anglers.

FishHunter 3D

FishHunter PRO



Front view *Bottom view*

A. Night-time fish attraction illumination
B. Towing point
C. 5 Tri- Frequency transducers (381KHz, 475 KHz, 695 KHz)
D. USB charging port
E. Tri-Frequency transducer (381KHz, 475 KHz, 675 KHz)

Charging

1. Locate the 3 pin charging port on the bottom of the sonar. It is on the opposite side from the tow point at the back of the sonar

2. Push the USB cord into the bottom of the sonar so that it is in snugly. You must slide the charge cord past the transducer on the bottom of the sonar which makes it slightly difficult to get the charge cord into the side of the unit. This is the correct way to ensure a good connection with your sonar.

3. Plug the USB cord into USB charger. A red light will appear on the top of the sonar and stay on until fully charged.

Connecting

1. Download theFishHunter app from the Google play store or iOS app store.
2. Create an account by opening the app and following the steps on the screen. Be sure to do this before you leave

your coverage area.

3. Ensure you have charged your FishHunter for minimum of 4 hours before first usage.
4. Attach your FishHunter to the braided line on the end of your fishing line or tether it to the red leash that was provided in your box. Tether it by threading the red leash through the tow point on the front of your FishHunter or by attaching the line tying clip onto the front of your sonar and the end of the red leash provided.
5. Drop the FishHunter into the water.
6. The sonar will automatically turn on when placed in water and will begin slowly flashing red from the top of the sonar. If you don't see any lights then the FishHunter is not charged.
7. Open your Wi-Fi settings on your smartphone or tablet. Refresh the list and select **FishHunter Wi-Fi XXX**.

→ ***Note:*** It may take up to 1 minute to appear.

8. Wait for your phone/tablet to tell you that you are connected to FishHunter Wi-Fi. You will see a check mark on your Wi-Fi settings to show you are connected.

→ ***Note:*** Other phones or tablets can cause connection errors. Ensure their Wi-Fi settings are turned off.

9. Once connected, open theFishHunter app and go to the **Sonar** section.

10. If you are connected to your FishHunter correctly, you will see the following options:

- Directional Casting*
- Bottom Mapping*
- 3D Contour*
- Bathymetric Mapping*
- Ice Fishing Flasher
- Switch Device

11. The slow red flashing light on your sonar will start flashing quickly when connected and sending information to your phone or tablet.

The unit will automatically power down and turn off when not in the water after a few minutes. If the lights remain on after it is removed from water, ensure the charging pins are free from any water or debris by blowing on them. Additionally, you can insert and remove the charging cord and that should enable the sonar to power down after 60 seconds. If the unit still remains on, then double check that your wifi is turned off and repeat the above.

You can reset your sonar at any time by inserting the charge cord into the bottom of the unit and removing it.

Wi-Fi connectivity and FishHunter

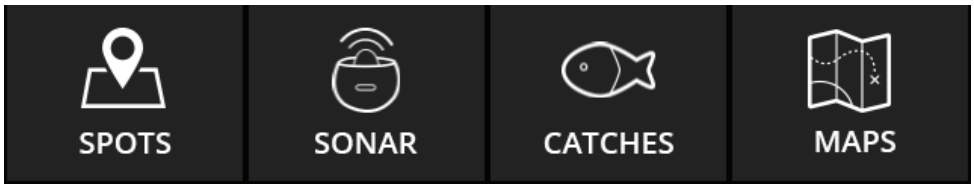
In order for you to get the best possible signal and connection with your FishHunter, we recommend that you follow the instructions below.

For the best connection, your smartphone/tablet should be looking down towards the sonar and should be elevated above the floating sonar.

Best practices:

1. Line of sight.
2. Good elevation.
3. No obstructions.

FishHunter app - Main menu



Spots

This is where you can save and retrieve all your favorite fishing spots.

Use the Filter feature to explore the map for:

- Catches (species, length, bait used etc)
- Pins (fishing spots, marinas, food etc)
- Find other FishHunters in your area

Sonar

This is where you control and see the output from your sonar. Select the view or feature you want to use your sonar with:

- 3D Fishing*
- Directional Casting*
- Bathymetric Map
- 3D Structure Map*
- Ice Fishing

Catches

Here you can log all your catch information and see/explore catches made by other FishHunter users.

To log a catch:

1. Select **GPS** location.
2. Add catch details.
3. Add photo.
4. Share catch.

Maps

You can find all your saved Bathymetric and 3D Structure Maps* here for review and analysis.

Click on a map pin to view its details or to navigate right back to the area where you made the map.

FishHunter 3D parts included

- FishHunter 3D sonar
- USB charging cord
- 4.5 m (15 ft) leash

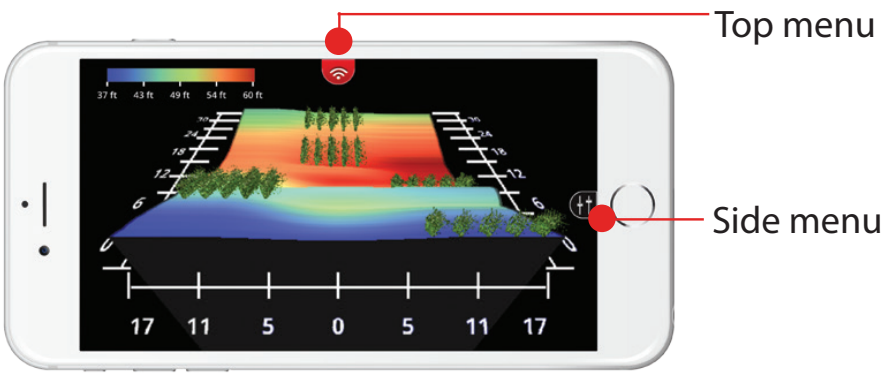
FishHunter PRO parts included

- FishHunter PRO sonar
- USB charging cord
- 4.5 m (15 ft) leash

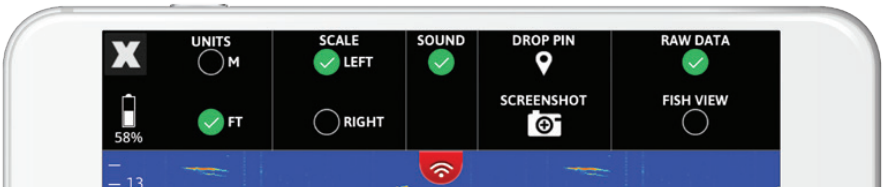
Menus and settings

There is one top menu and one side menu located within your FishHunter app. Each of these menus can be called by pressing on the small slider like icon on your screen.

➔ ***Note:*** The image used below is taken using FishHunter 3D.



Top menu options



X

Clicking on this icon will take you back to the view options (for iOS only. For Android, you use the BACK Button).

Battery life

Shows battery charge level of your FishHunter device.

Unit of measurement

Select the units you wish to display your depth and temperature in (M: metric or FT: imperial).

Scale location

Choose between left or right hand side scales.

Sound

Ability to turn on and off sound for detecting fish.

Drop pin

Creates and saves the GPS location. Can later be found on the map area of the app.

Screenshot

Takes a screen shot of what's on your screen and saves it to your camera roll.

Raw View or Fish View

Switch between Raw View and Fish View in supported modes.

Side menu options

Shallow water mode

This option will adjust the scale on your screen to be between 0.4 m - 4.5 m (1.4 ft - 15 ft) and adjust the settings to give you the best results when in less than 4.5 m (15 ft) of water.

➔ ***Note:*** You must adjust the power slider. Failure to adjust the power slider can result in the FishHunter giving you incorrect bottom values.

Auto range

The screen will take a few seconds to find the depth for the area and adjust its settings automatically to balance the gain and pulse width of your sonar to give you the best results.

Every time you cast the FishHunter into the water the screen will take a few seconds to find the depth for the area that you are fishing in. In order to optimize your experience, use the auto ranging function that automatically balances your sonar to give you the best possible results at each depth you are fishing in.

➔ ***Note:*** In most cases leaving it in Auto is the best way to use your sonar.

If you are taking your FishHunter in and out of the water repeatedly, like when casting, we suggest that you try manually setting the depth range to increase the speed of

your FishHunter. You can set the depth manually from the side menu. The side menu changes slightly depending on what view you have the sonar in when you open the menu.

Select the depth

You can manually select the depth you would like to operate in. This will improve the speed in finding bottom.

Surface Filter Slider/Ice Thickness Slider

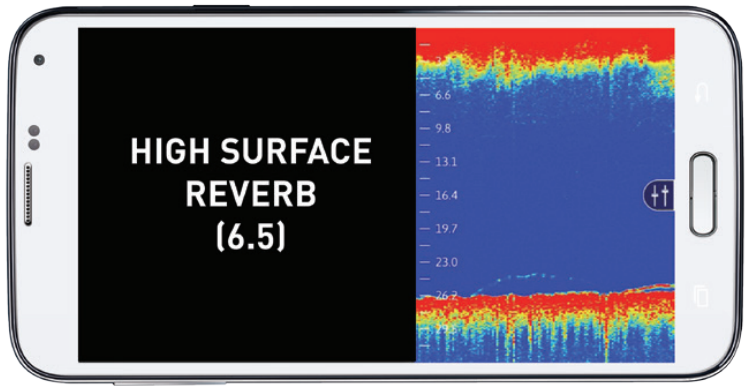
Whenever you use a fish finder, you will get what is called surface reverb or surface noise as the sound waves from the transducer reach the surface of the water.

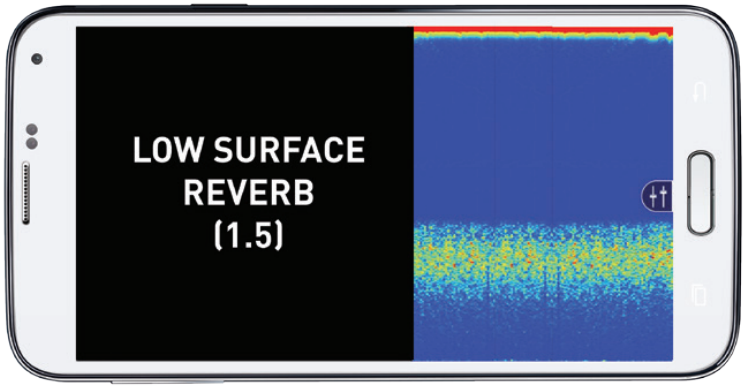
The Surface Filter allows you to customize how much of the area on the surface you would like your FishHunter to ignore or include to give you the most accurate fish detection possible.

The filter is set to the center position by default each time you turn on the sonar, but as you adjust the slider from left to right a number appears on the right hand side of the slider. This number is the actual amount of the surface that will not be measured by your FishHunter. In very calm conditions, you can set the Surface Filter to a very low number to allow you to search for fish that are located very close to the surface. In more extreme conditions where you have high wind, high waves or when you are trolling your FishHunter behind a boat motor, you will want to turn Up the Surface Filter.

Try to set the Surface Filter to a number that matches where you see the surface noise stop in the Raw data view on your screen.

In the example below, you would set the top sonar to 2 m (6.5 ft) and the bottom sonar to 0.5 m (1.5 ft) to give you the best results.



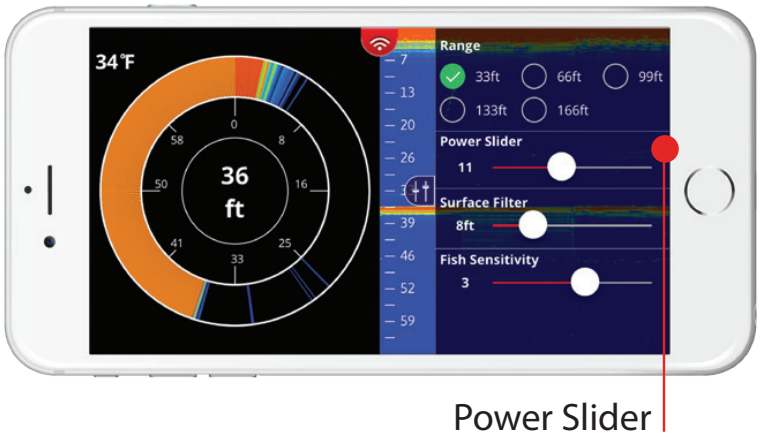


Fish Sensitivity Slider

The Fish Sensitivity Slider adjusts how sensitive the FishHunter is at detecting fish in the water column/body. As you move the slider from left to right you can increase the sensitivity of your FishHunter from 0 to 5, with 5 being the most sensitive. The Fish Sensitivity Slider can be changed in real time, so you can see the direct impact each position change has on having the FishHunter display and notify you of fish that have been found in FISH VIEW. Sometimes, you will want the FishHunter to detect and display all the fish no matter how small they are, and other times you will want the FishHunter to detect and display only large fish. The Slider provides you a means to customize the FishHunter to your fishing preference.

Power Slider

The Power Slider allows you to adjust the gain and pulse width for your FishHunter. In Ice Fishing Flasher mode, the FishHunter does not know the thickness of the ice, giving you the ability to adjust the power you want to use when ice fishing. Higher power will allow you to see your jig very clearly but lead to more surface reverb, while less power will lead to minimal surface reverb but less clarity on tracking your jig. You might need to adjust this setting each time you use your FishHunter in a new area.

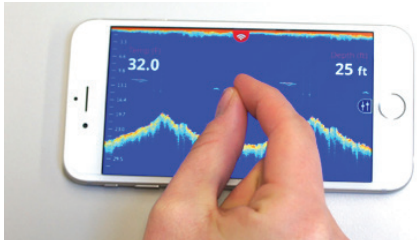


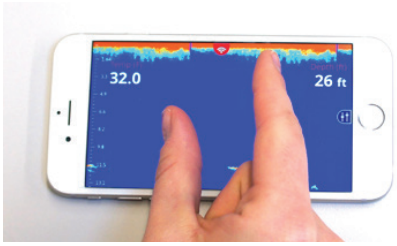
Zoom features

This feature within the FishHunter app allows you to look more closely at the sonar display on your phone. This is useful when you want to look at the bottom area or review the top area of the sonar data to look for fish or other specific artifacts.

This feature can be used anytime you are in the sonar portion of the app, and reviewing RAW sonar data.

1. Review sonar in RAW data view.
2. Pinch your fingers together and place on the screen where you want to zoom.
3. Slowly move fingers apart while touching the screen.
4. Adjust the screen to the place on the screen that you would like to focus on by taking your finger and scroll the screen to move the screen up and down to get to the correct position.





→ ***Note:*** That when you are zooming In/Out, the scale on the right/left side in the sonar reading section will also change to match the zoom level you have chosen. As you zoom in the scale will increase and as you zoom out it will decrease.

Important usage tips

Casting and reeling from shore

The FishHunter 3D is 180 grams and FishHunter PRO is 153

grams, so when casting from shore we recommend that you use a stiff rod and braided line.

Kayak fishing usage

With a range of over 45 m (150 ft), you can cast the FishHunter away from the kayak and fish the broadest possible area. We have tested casting the unit on all types of rods and lines but do suggest a braided line for casting.

Drifting or trolling

For drifting we recommend that you use our 4.5 m (15 ft) leash to attach your FishHunter to the back/side of your kayak. As you drift along, the FishHunter will be giving you a strong reading for the area located around the floating sonar and below your kayak. This is perfect when you are not looking to cast your line far or when you would like to drift your bait line.

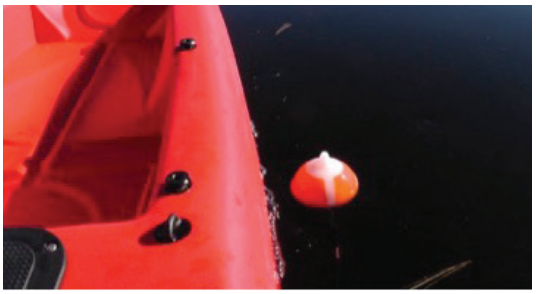
Bathymetric Mapping

Ensure your FishHunter is attached to your boat within 1.5 m (5 ft) of your device. Ensure your device is elevated and has good visibility to the sonar.

Paddling/Pedaling

When paddling/pedaling a kayak at a slow pace you can use the 4.5 m (15 ft) leash and pull the FishHunter behind the kayak to allow you to see the terrain below your kayak.

When paddling/pedaling along at a fast pace, you will want to have the FishHunter located just behind your seat in the kayak. This will give you the best possible connection with the sonar and the most consistent screen speed.



1. Attach your tether to the side of your kayak.

→ ***Note:*** In the images we have attached it to the kayak handle.

2. Allow enough line to ensure your FishHunter will be behind your seat. When you are moving along (in this case we have used about 1 m (4 ft) of the tether) the FishHunter may bounce off the side of your kayak from time to time, but that will not impact its performance.
3. You may notice in the RAW VIEW that you will be able to see your paddle/pedal strokes in the surface noise. This does not impact the performance of your sonar.

You can eliminate this by either moving the FishHunter just behind your seat as explained above, or you can switch to Fish View and use the surface slider to adjust to eliminate the area where your paddle/pedaling is appearing.

Tin/Metal boat fishing

When reeling into the boat you will notice that in some cases as the FishHunter gets close to the boat, under 1.5 m (5 ft), you will start to see the boat in the RAW data or views screens. This is due to the power of the transducers that we are using and their reflection off the side of your boat. When the unit is right beside the boat most of this reflection will disappear.

Drifting (no motor running)

For drifting we recommend that you use our 4.5 m (15 ft) leash to attach your FishHunter to the top/side of your boat. This will allow you to have both hands free to focus on fishing. As you drift along, the FishHunter will be giving you a strong reading for the area around the floating sonar and your boat. This is perfect when you want to fish close to your boat.

With a range of over 45 m (150 ft), you can also attach the FishHunter to a fishing rod and then cast it into the area that you would like to drift it across. This will allow you to fish a much broader area and also allow you to cast directly at your FishHunter.

Trolling- 4.5 m (15 ft) Leash Mounting

The FishHunter has been designed to troll at under 3 km/h (2 mph) for Android and under 2 km/h (1.5 mph) for iOS devices.

The difference in the two devices is due to the difference in

the Wi-Fi chips in the different devices. You will find several cases where you can troll faster but this is our recommended range. Trolling speed is impacted by the water conditions and wave heights. In more rough water the FishHunter will perform slightly better than perfectly calm water. We recommend that you use the 4.5 m (15 ft) leash that is provided with your FishHunter to make it easy for you to use your new sonar.

➔ ***Note:*** When trolling the FishHunter in a metal boat you may see a thin line on your screen, this is just a sound reflection off of your metal boat.

When this happens, you will see fish continuously on the screen at the same depth level. Since this situation only occurs with certain boats and not all, we suggest that you use the Fish Sensitivity Slider to adjust the sensitivity of the fish finding algorithm we use to present/notify you of fish in the water.

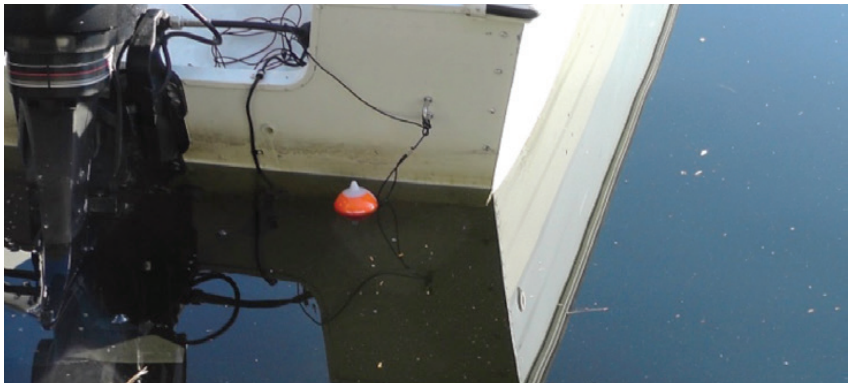
You will find the Fish Sensitivity slider in the side menu, within the sonar section of the app. Move the slider to the left to eliminate FishHunter from seeing your boat as fish.

Trolling –Transom Mounting

If you are having trouble with the connection to your phone or tablet when trolling using your leash or you would like to try to troll the FishHunter at a faster rate, you can attach

the unit to the back of the trailer mount of your fishing boat. Follow the steps below:

- You are going to be attaching the FishHunter to the trailer mounting bracket on the back of your boat
- You will want the FishHunter to be about 15 - 25 cm (6 - 10”) behind the back of the boat when you are finished, so it will float freely in the water. The actual length required will depend on the height of your trailer mounting bracket.
  A higher bracket means you will need slightly more line
- The goal here is to have the FishHunter sitting flat on the water with about 15 cm (6”) of line free after it is attached to boat. This will allow the FishHunter to sit flat in the water while you are trolling it

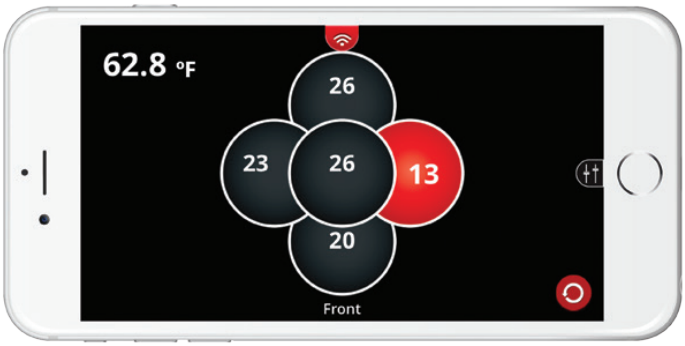


Coverage and modes

FishHunter coverage

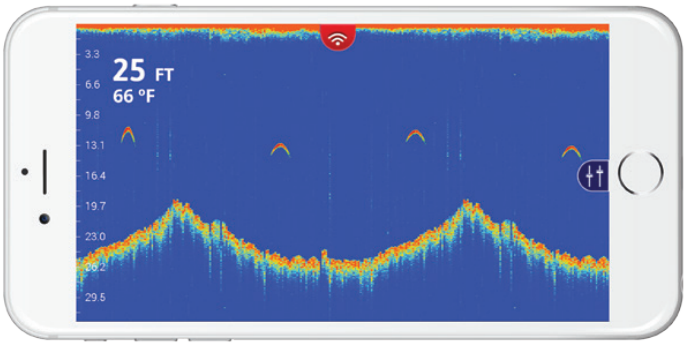
FishHunter gives you coverage of the bottom contour with incredible resolution. You gain access to detailed information about your favorite spots or current location to help you catch more fish. Take advantage of this coverage in DIRECTIONAL CASTING* and 3D FISHING*.

3D Fishing



Directional casting

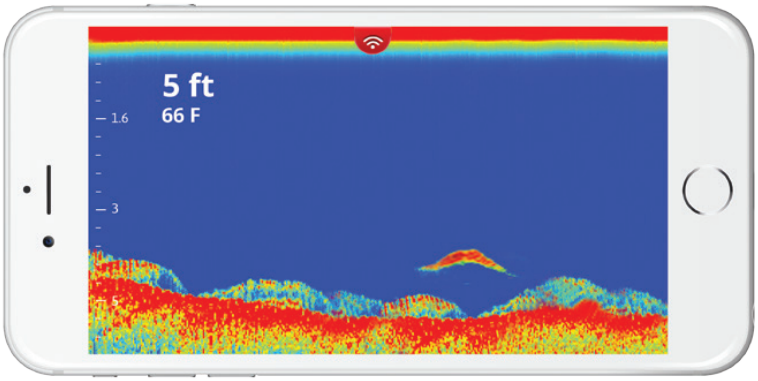
Fish view



Raw view

Shallow water mode

The shallow water mode allows you to get into water that is only 0.4 m (1.4 ft) deep. This mode uses our tri-frequency technology to give you detailed information about the bottom terrain and ability to locate the weeds, rocks and drop offs easily.



Shallow water steps

1. Select your preferred view.
2. Pull out your side menu.
3. On the range settings, select **Shallow Water**.

→ ***Note:*** You must adjust the power slider to ensure you have the right amount of power for your area. Failure to adjust power can cause your FishHunter not to find the bottom correctly.

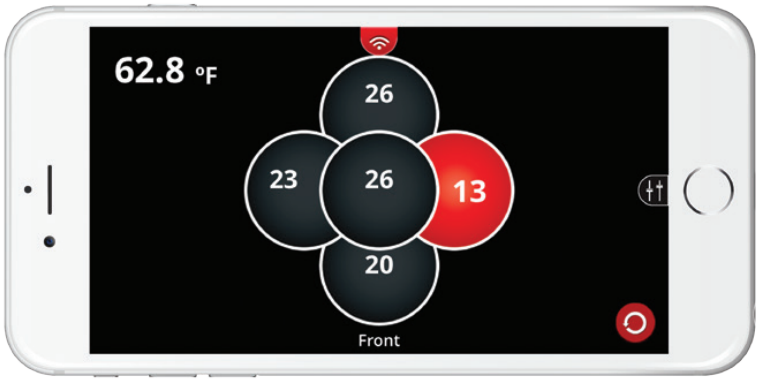
4. You can pull down the top menu to select Raw or Fish view, select the units of measurement, drop a pin or take a screenshot.

Directional Casting

Directional Casting* powers up all 5 Tri-Frequency transducers, showing you the depth of the water and where

the fish are being detected in relation to your floating FishHunter 3D.

In this example, the right transducer is red, and the number 13 appears. This indicates fish are on the right side of your FishHunter 3D, at a depth of 4 m (13 ft). Now cast in that direction and increase your chances of catching fish. Click on any of the 5 round icons and you get a split view screen with the left side showing the depth of any fish detected and the right side showing you the exact bottom contour for the transducer you selected.



Depth to the bottom

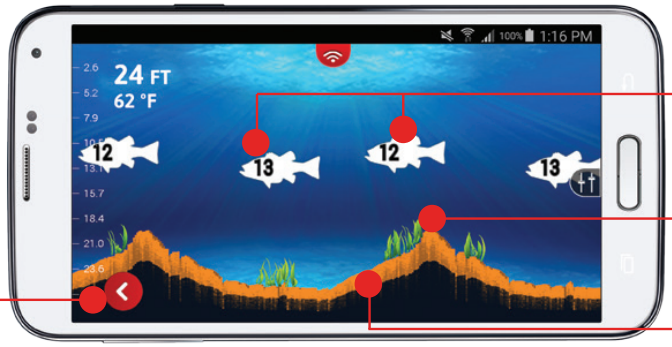
Water temperature

Each circle is one transducer

Red circle indicates fish under that transducer and its depth 4 m (13 ft)

Front transducer can be changed by pressing the rotating circle

5 Transducer view



Fish detected with depth

Weeds

Bottom contour

Go back to 5 Transducer View

Fish View

Fish detected

Go back to 5 Transducer View

Raw View

Directional casting steps

1. Select **Directional Casting***.
   Set range to the depth you are fishing in and click the arrow.
2. In 5 Transducer view each circle represents one of five transducers on the bottom of your sonar.
3. If one of the circles is red, it means fish have been detected below that transducer with their depth.
4. You can select any transducer on the screen to get the bottom contour by pressing on the circle.

5. You can view a split screen of the bottom contour and 5 transducers by clicking on the arrow. Click the arrow again to return to 5 Transducer view.
6. Cast your line towards the area of the sonar that keeps lighting up red on your screen to catch more fish.

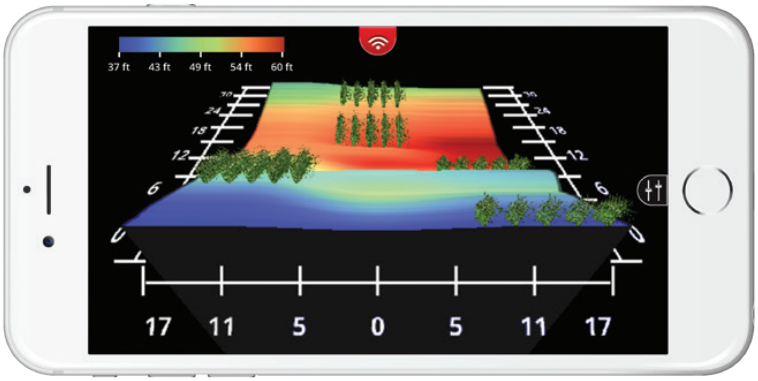
7. To adjust where the front of your sonar is facing select the rotation button on the screen.

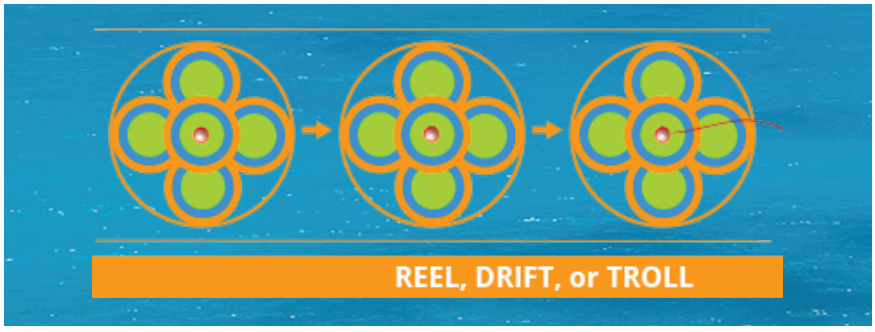
8. You can switch between Raw View and Fish View from the top menu.

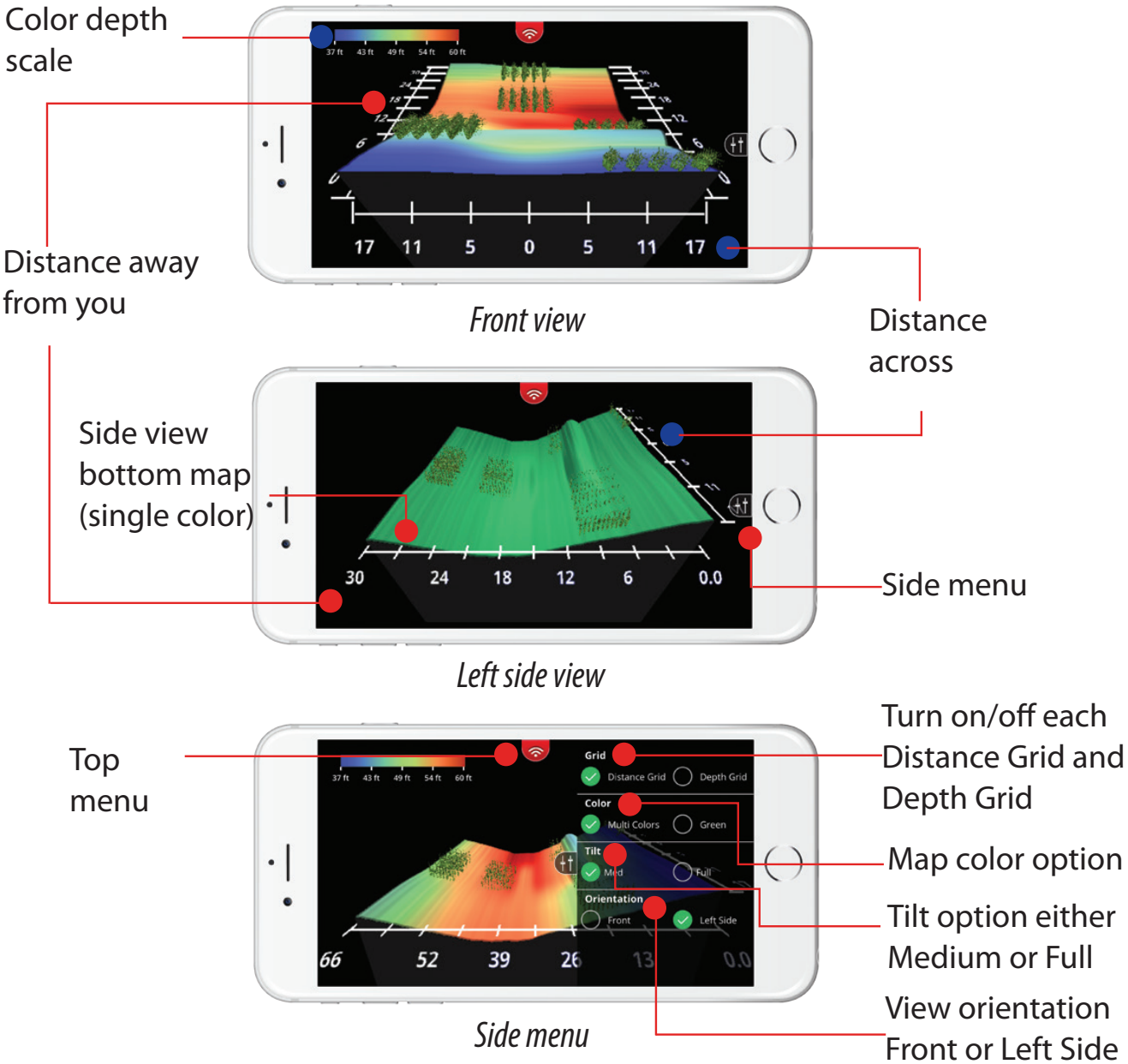
3D Structure mapping

You can create custom 3D Structure Maps* of your favorite fishing spots by placing the FishHunter 3D in the water and then reeling/drifting/trolling it over the area you want to measure.

Use the color coded scale to see drop offs or toggle on/off the grid overlay to know exactly where the drop offs are, their relative depth and distance. Every map has a GPS tag so you can save the map and fish in the same spot next time.







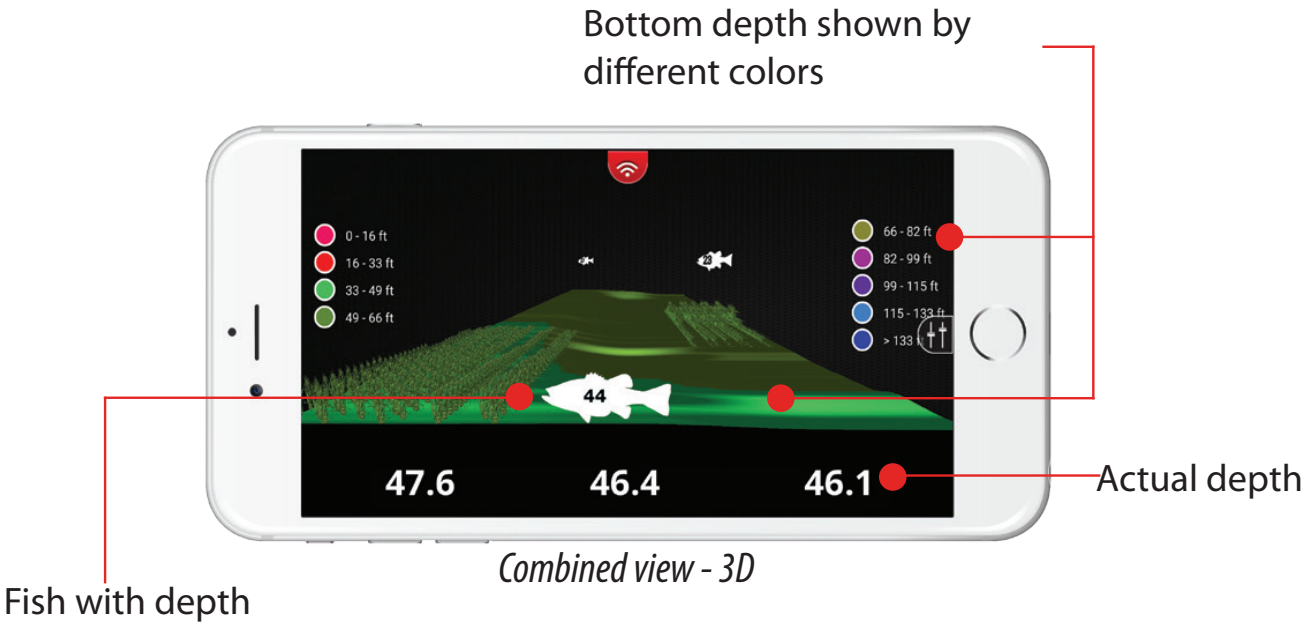
3D Structure mapping steps

1. Open the FishHunter app and go into the sonar section.
2. Select the **FishHunter** sonar icon.
3. Select **START FISHING**.
4. Select the **3D Structure Mapping*** icon within the FishHunter app from your phone/ tablet screen.
5. Cast/drop FishHunter into the water in the area you would like to map.
6. Follow the steps to create and save a Map.

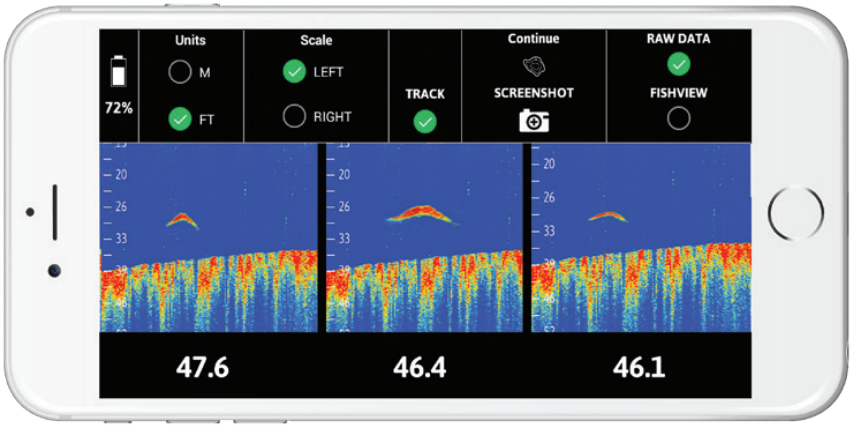
→ ***Note:*** All 3D Structure Maps are auto-saved and can be found in Maps section on main sonar screen.

3D Fishing

3D Fishing* is used to determine bottom contour when in a stationary position on the surface of the water. 3D software and 5 Tri-Frequency transducers allows us to create life like images of the bottom, so you can quickly evaluate bottom contour. Knowing the bottom contour when fishing is critical to improve your catch rate and our cutting edge 3D technology provides a detailed view of any underwater terrain.



Combined view - 3D



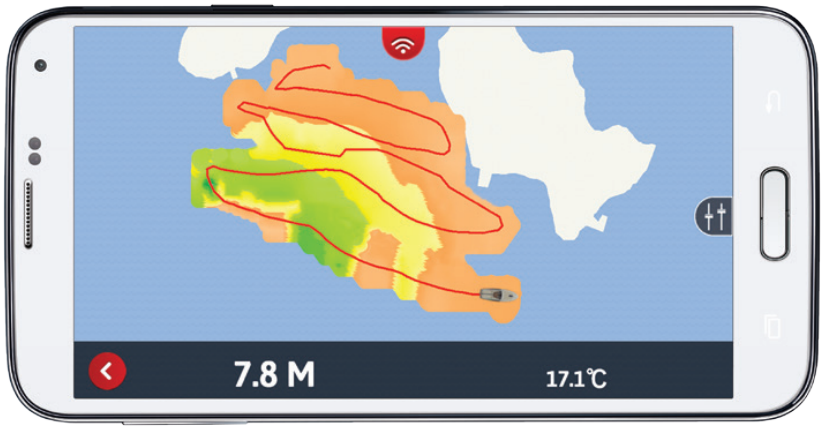
3 Transducer - Raw View

1. Open the FishHunter app and go into the sonar section.
2. Select **3D Fishing**.
3. Cast/drop FishHunter 3D into the water in the area you would like to map.
4. You will now start to receive 3D Fishing data to your device screen.

Bathymetric mapping

This tool is used to create a custom map of your entire lake or favorite fishing spots. Troll your FishHunter across the area that you are interested in mapping and FishHunter starts to track the depth and bottom contour as it travels around your lake.

Once completed, you can navigate back to any location on your map, or see the bottom contour sonar display by pressing anywhere on your map.



Bathymetric mapping menu

Depth range

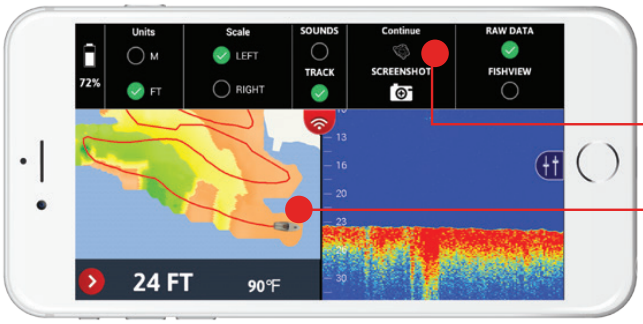
Area covered

Color scale

Water temperature

Depth

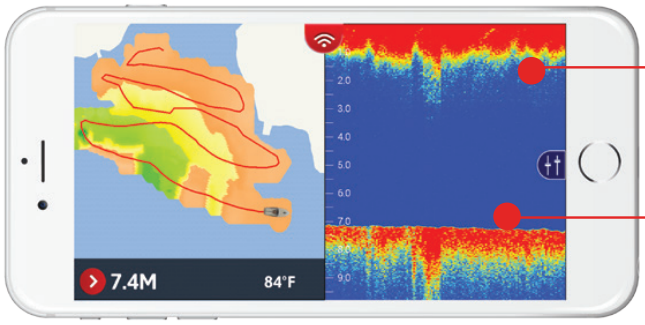
Side menu



Continue current map

Boat location

Top menu



Surface reverb

See "Surface Filter Slider/Ice Thickness Slider" on page 19

Bottom contour

Split view

Bathymetric mapping steps

1. Tether your FishHunter to your boat/kayak/canoe and ensure it has good line of sight to your smartphone/ tablet.

→ ***Note:*** We recommend the sonar be directly behind your boat and less than 1.5 m (5 ft) from your smartphone/ tablet.

2. Ensure you are connected to the FishHunter Wi-Fi in your settings.
3. Open the FishHunter app and go into the Sonar section.
4. Select **My Bathymetric Maps.**
5. Select **New Map**.
6. The app will validate your current GPS location and click **Next.**
7. The app will double check the connection to your sonar and click **Next.**
8. Click **Go** to start recording your map.
9. Your map will automatically save itself while it is recording and can be found in My Bathymetric Maps.

Adding to existing map

1. Tether your FishHunter to your boat/kayak/canoe and ensure it has good line of sight to your smartphone/ tablet.

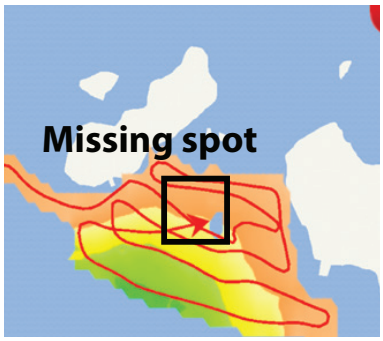
➔ ***Note:*** We recommend the sonar be directly behind your boat and less than 1.5 m (5 ft) from your smartphone/ tablet.

2. Ensure you are connected to the FishHunter Wi-Fi in your settings.
3. Open the FishHunter app and go into the Sonar section.
4. Select **My Bathymetric Maps**.
5. Select the **Map** (from the list) you would like to add to or choose it from the map view.
6. Navigate back to the are you wish to continue mapping.

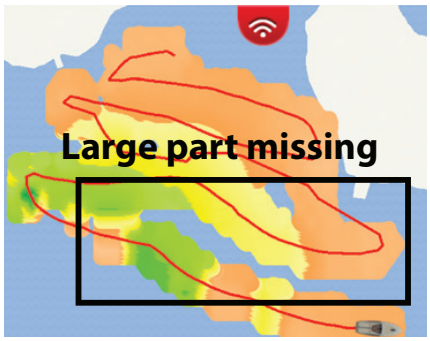
➔ ***Note:*** You must be within 500 m of the last recorded position.

7. Open the top menu.
8. Select **Continue**.
9. The app will validate your current location and click **Next**.
10. The app will check the connection to your sonar and click **Next**.
11. Click **Go** to continue to record your map.
12. Your updated map will automatically save itself.

Adding to existing maps

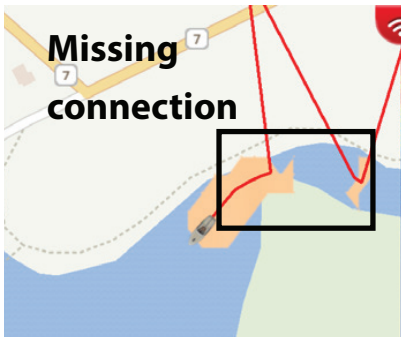


Data point was not recorded by sonar



Area not captured

(Each pass of the boat was too far apart)



Sonar and your device temporarily lost connection

Steps for solution:

1. Navigate to missing spot.

→ ***Note:*** You must be within 500 m of the last recorded position.

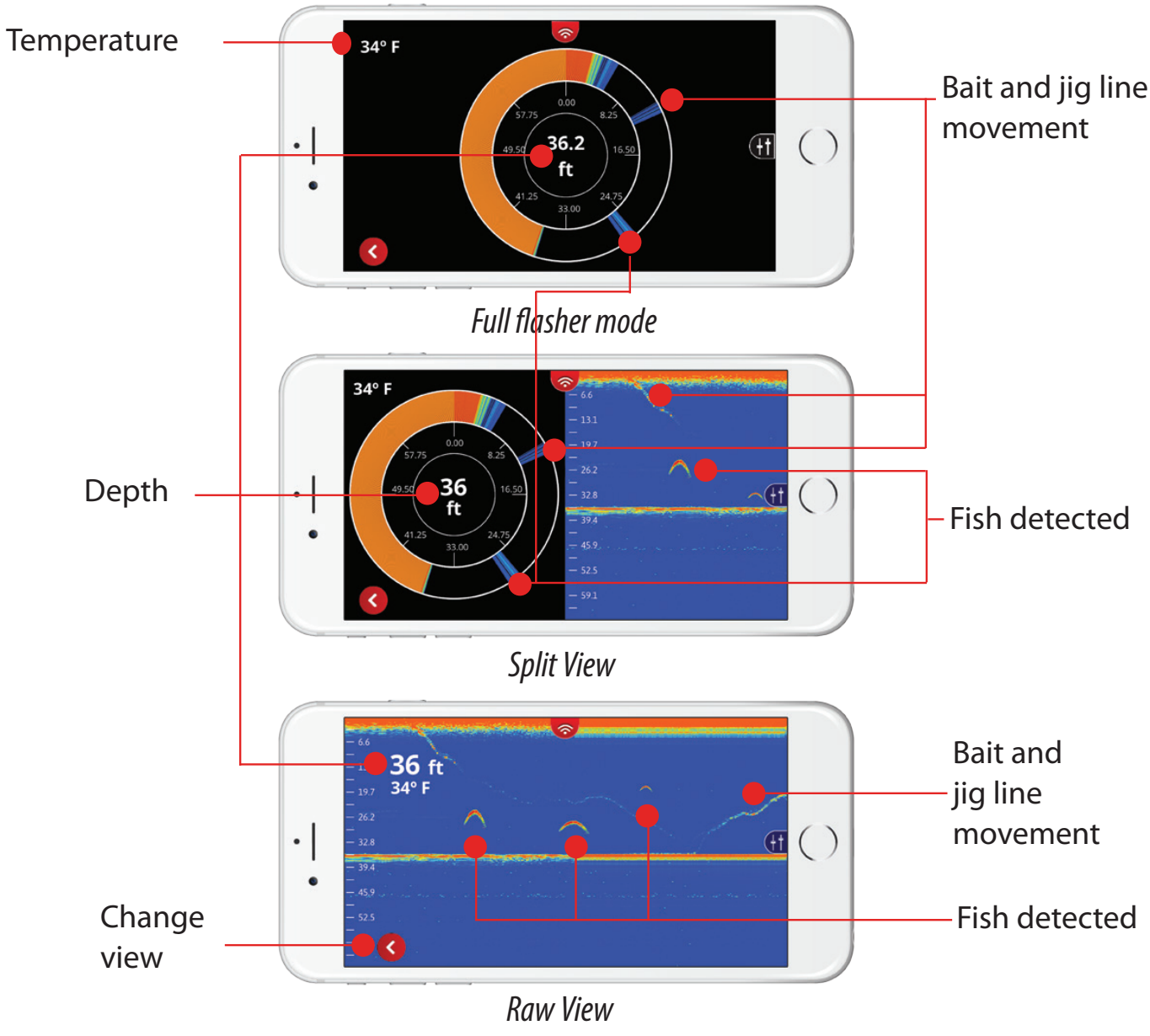
2. Place FishHunter Sonar in water
3. Follow steps 1-9 of how to add to existing map.
4. Troll over area to retrieve missing data

Ice fishing flasher

FishHunter floats in the ice hole on the surface of the water, withstanding weather conditions as cold as -30 ºC (-22 ºF).

Ice Fishing Flasher View utilizes 2 ultra high frequencies 475 kHz and 695 KHz, to enable you to see your jig in real time. Both the SPLIT Screen (Flasher/RAW Data) and FULL Screen (RAW DATA only) views allow you to see the bottom, the bottom depth and the temperature on your smartphone/ tablet.

Ice fishing flasher views



Ice fishing flasher steps.

1. Place FishHunter in the ice hole to turn it on.
2. Open your Wi-Fi settings and select **FishHunter XXX**.
3. Open the FishHunter app and go into the sonar section.
4. Select the **Ice Fishing** icon.
5. You will now start receiving Ice Fishing Flasher data to your device screen.

Side menu

→ ***Note:*** Surface Filter and Power Slider are very useful when using Ice Fishing Flasher mode.

See "Surface Filter Slider/Ice Thickness Slider" on page 19 and "Power Slider" on page 22.

Know where to drill

The FishHunter allows you to find the bottom depth in most cases, without having to drill a hole in through ice.

1. Clear the snow from the surface of the ice, ensure ice surface is flat/smooth.
2. Plug the charge cord into the bottom of the sonar and remove it. This will turn on your sonar for about 2 minutes.
3. Place your FishHunter on the top ice surface making sure it is sitting flat on the ice.
4. Connect to the FishHunter using your Wi-Fi.
5. Open the app and select **Ice Fishing**.

Technical specifications

FishHunter 3D

Specifications	Details
Depth range	up to 55 m (160 ft)
Wi-Fi range	up to 65 m (200 ft)
Frequency	381 kHz, 475 kHz, 695 kHz
Number of elements	5
Trolling speed	up to 3 km/h (2 mph)
Illumination	LED above water
Battery life	up to 10 active hours, 500 hours standby time
Optimal temperature	-30° C (-22° F) to 35°C (95° F)
Weight	180 g (0.39 lbs)
Compatibility	Apple and Android tablets and smartphones

FishHunter PRO

Specifications	Details
Depth range	up to 45 m (150 ft)
Wi-Fi range	up to 45 m (150 ft)
Frequency	381 kHz, 475 kHz, 675 kHz
Number of elements	1
Trolling speed	up to 3 km/h (2 mph)
Illumination	LED above water
Battery life	up to 10 active hours, 500 hours standby time
Optimal temperature	-30° C (-22° F) to 35°C (95° F)
Weight	155 g (0.34 lbs)
Compatibility	Apple and Android tablets and smartphones

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