WELCOME TO FishHunter™ PRO

THE WORLD'S FASTEST TRI-FREQUENCY, WIRELESS PORTABLE FISH FINDER.

FISH HUNTER™

THE PORTABLE FISH FINDER FOR ALL FISHING TYPES

KAYAK FISHING BOAT FISHING SHORE FISHING ICE FISHING

FISH HUNTER™

We strive to improve our product each month and this means this manual is already outdated.

Please go online and download the most recent version of our manual:

www.fishhunter.com/support

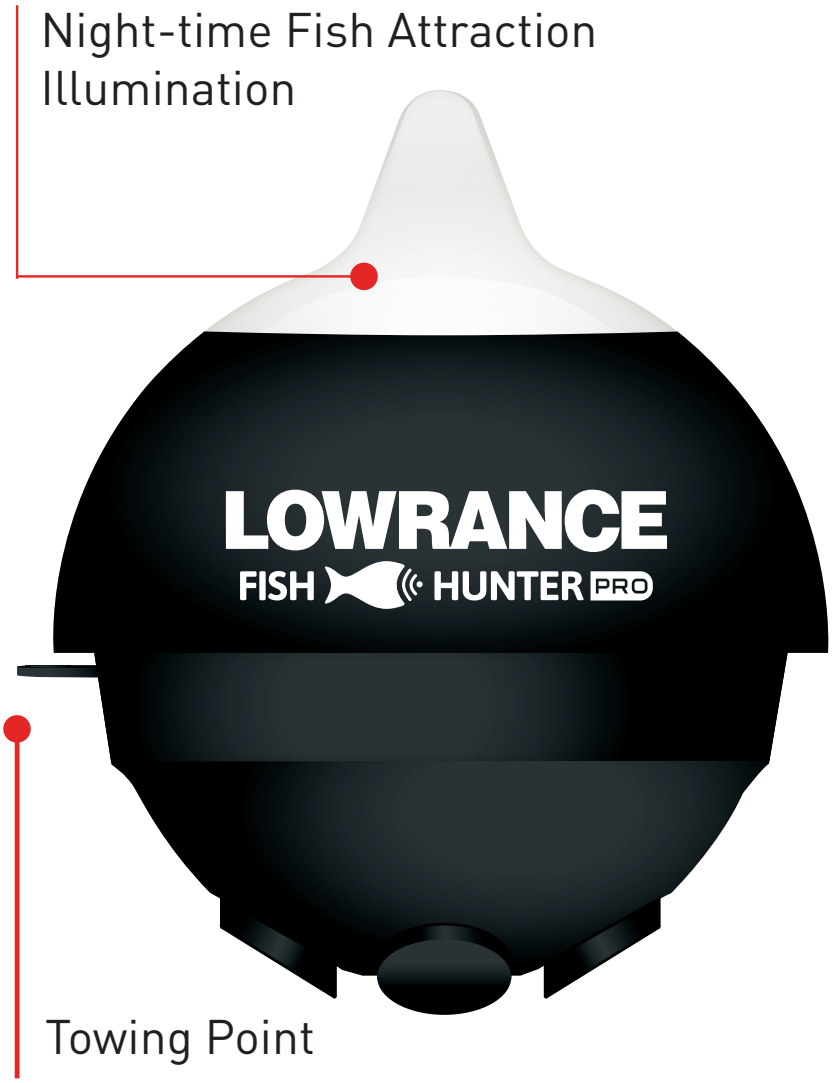
OVERVIEW

FishHunter™ PRO is the World's fastest and only Tri-Frequency, wireless, portable fish finder for Apple and Android smartphones and tablets. The sonar floats on the surface of the water and can be cast and trolled behind your boat or placed in your ice hole where it tracks water temperature, water depth, bottom contour and fish locations.

The **FishHunter™ PRO** 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.

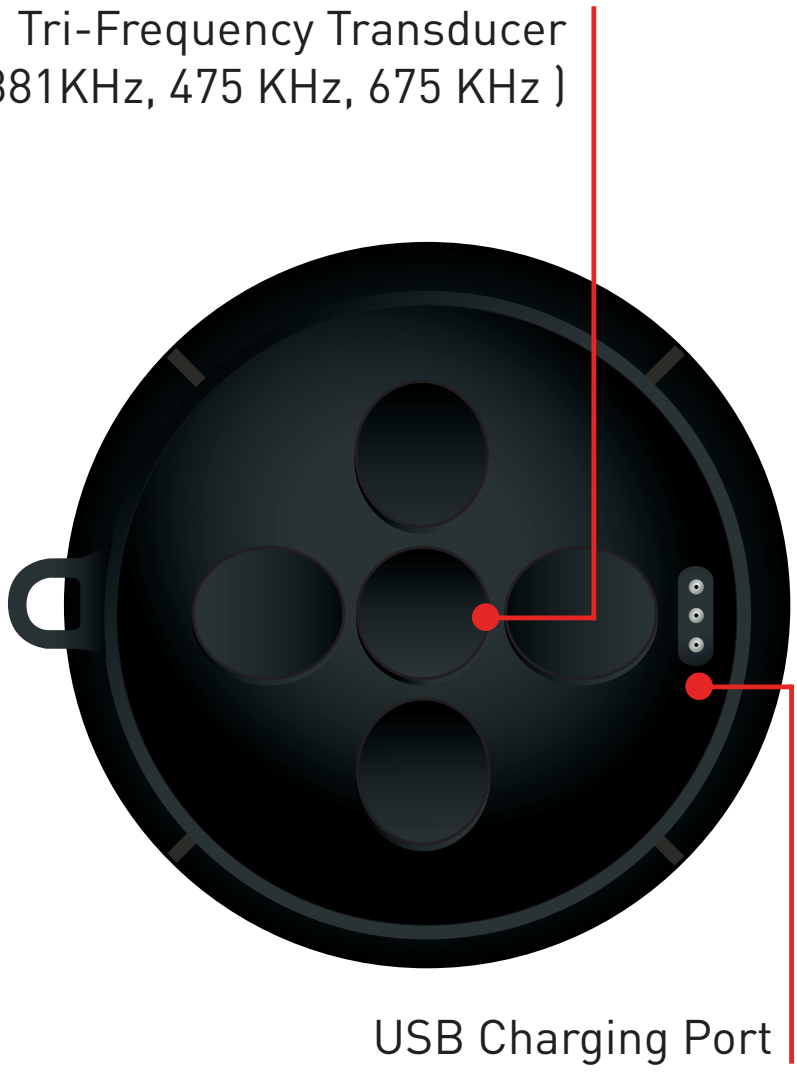
Using our free **FishHunter™** software app, you will also have the ability to access and store critical fishing information like your fishing spots, your catch details and share your information with your friends and other fishermen.

FISHHUNTER™



FRONT VIEW

PRO



BOTTOM VIEW

HOW TO CHARGE

Charging your **FishHunter™ PRO** can be done in 4 easy steps:

Step 1: Take the USB charge cord from the box and hold the end that has 3 pins holes in it.

Step 2: 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.

Step 3: Push the USB cord into the bottom of the sonar so that it is in snugly. You will notice that 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.

Step 4: Plug the USB cord into any USB charger. A red light will appear on the top of the sonar and stay on until fully charged.

Please see the charging video at:

www.fishhunter.com/support

KNOW WHERE TO CAST™
95% OF THE FISH
ARE IN 5% OF THE WATER

HOW TO CONNECT

1. Download the **FishHunter App** from the Google store or iOS app store.
2. Create an account by opening the app and following the steps on the screen. Please be sure to do this before you leave your coverage area.
3. Ensure you have charged your **FishHunter PRO** for minimum of 4 hours before first usage.
4. Attach your **FishHunter PRO** to the braided line on the end of your fishing line or tether it to the red leash that was provided in your box by threading the red leash through the tow point on the front of your **FishHunter PRO**. OR by attaching the fishing hook onto the front of your sonar and the end of the red leash provided.
5. Drop the **FishHunter PRO** into the water beside your current position.
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 also 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 the **FishHunter App** and go to the **Sonar** section.

10. Select one of the following functions you would like to use:

    Start Fishing: allows you to use the sonar and offers different view modes. Press on one of these modes to activate your sonar.

    i. Fishing

    ii. Bathymetric Mapping

    iii. Ice Fishing

    Demo Mode: will allow you to see how the sonar will work when not connected to a sonar.

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

12. 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, please 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 units 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 & FISHHUNTER

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

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

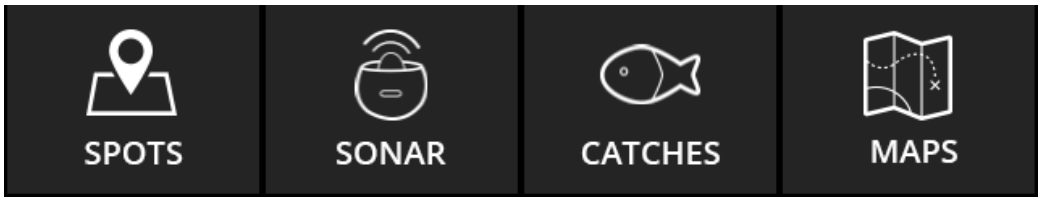
For more information visit:

www.fishhunter.com/wifi-coverage

BEST PRACTICES

1. Line of Sight
2. Good Elevation
3. No Obstructions

FISHHUNTER APP - MAIN MENU



SPOTS

This is the area of the app 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 the area of the app where you will go to control and see the output from your sonar

Select the view or feature you want to use your sonar with- Fish View

- Raw View, Fish View
- Bathymetric Map
- Ice Fishing

CATCHES

Here you can log all your catch information and see/explore other FishHunters recent catches too.

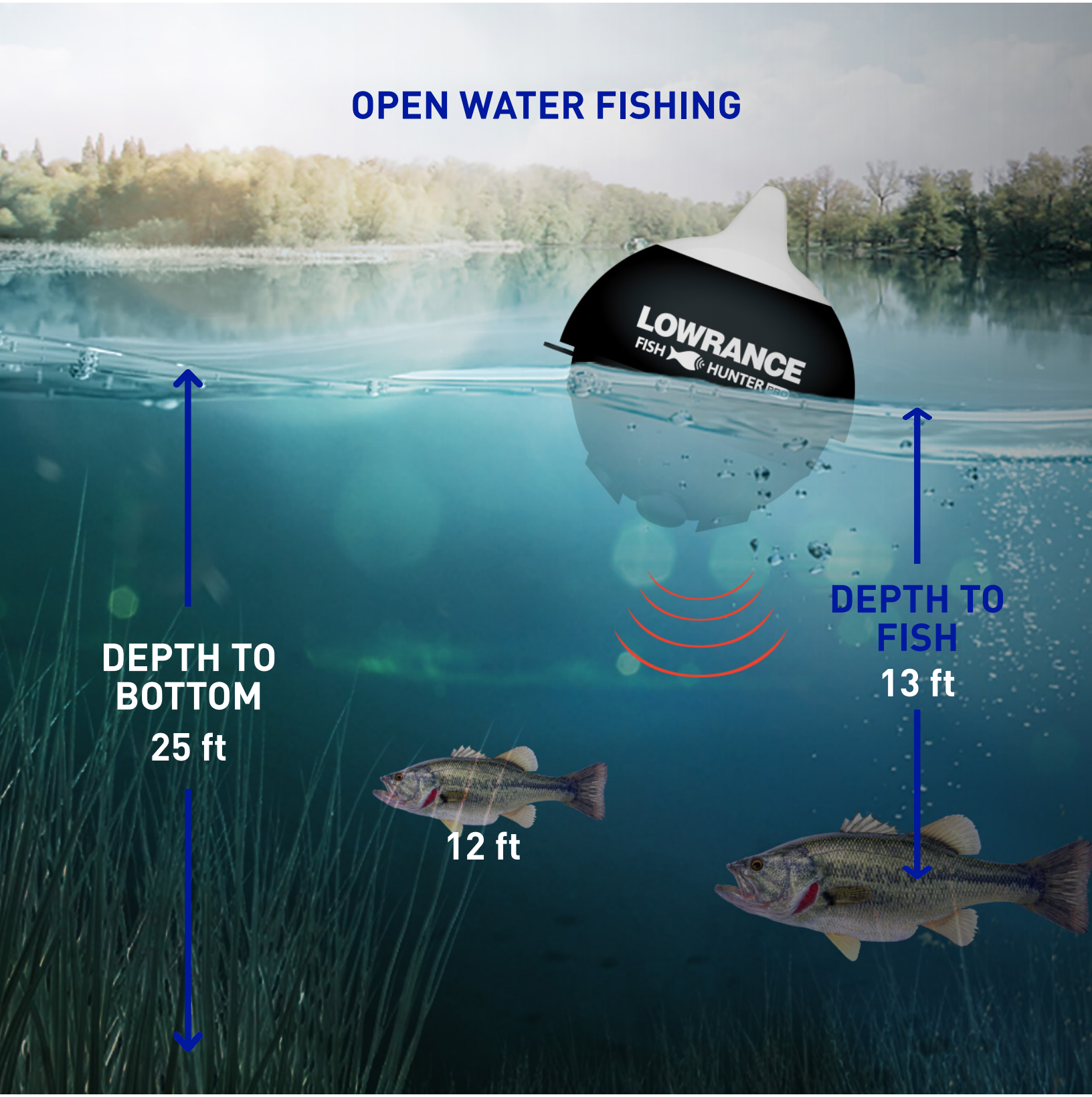
Steps to log a catch:

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

MAPS

You can find all your saved Bathymetric 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.


OPEN WATER FISHING
LOWRANCE
FISH HUNTER PRO
DEPTH TO BOTTOM
25 ft
DEPTH TO FISH
13 ft
12 ft

Simply toss into the water and watch everything come into focus. Take advantage of either our RAW VIEW or FISH VIEW settings to see the bottom depth, determine bottom structure and locate fish. You can even toggle between **RAW VIEW** and **FISH VIEW** in real-time, by pressing on the top menu button and selecting the view you prefer.

OPEN WATER FISHING
GETTING STARTED

1. Place your **FishHunter PRO** in water for it to turn on.
(Note: it must be in a minimum 4 ft of water to work effectively)
2. The sonar will have a red light appear and an additional slow flashing red light to identify that it is on.
3. On your smart phone or tablet open your Wi-Fi settings.
Refresh the list and select **FishHunter Wi-Fi XXXX** in the Wi-Fi networks list.
(Note: it may take up to 1 minute for it to appear initially)
4. Next, open the FishHunter PRO app on your smartphone or tablet and go into the sonar section.
5. Select one of the below options you wish to use:

    1. Start Fishing

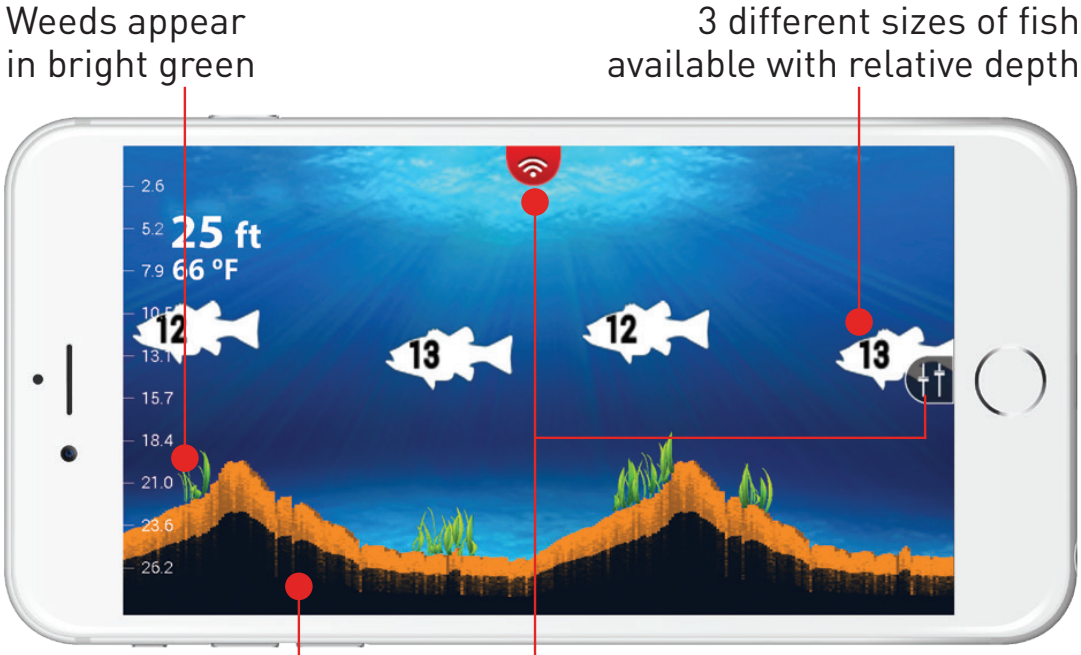
    2. Demo Mode

6. You can pull out the top menu to select **FISH VIEW/RAW VIEW**, or change the sonar settings.

WONDER LESS, SEE MORE

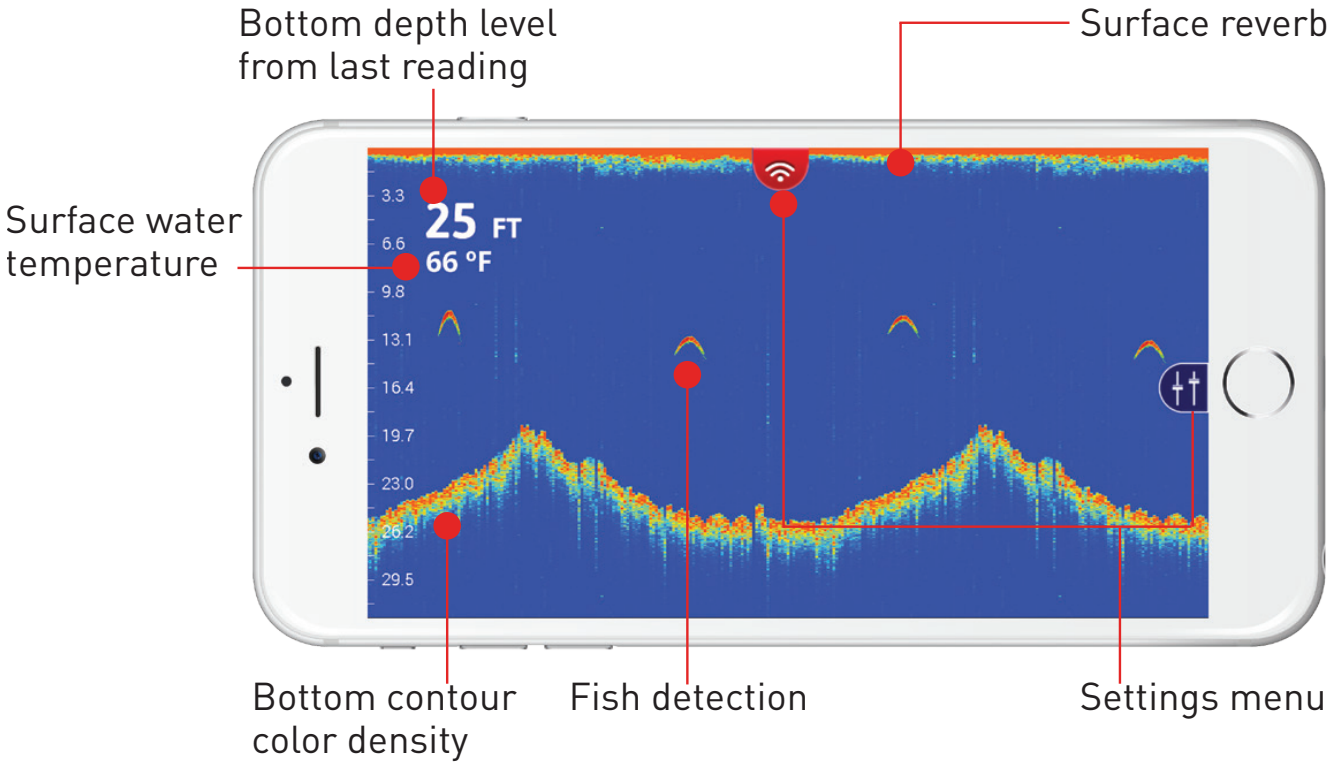
FISH VIEW

FISH VIEW is our custom view where we receive the RAW sonar data and reconfigure it on the app in a simplified and easy to read manner. Specifically, we remove the surface reverb and produce a more simplified bottom so that you get a nice clean water column. Whenever the sonar detects a disturbance in the water column, a fish icon appears on the screen. These icons identify the location of the disturbance in relation to your location. This makes it easy for you to identify where the fish are under your **FishHunter PRO** sonar. In addition, you can have your phone make a sonar "ping" whenever fish are found beneath your **FishHunter PRO** so you don't have to look at your phone.



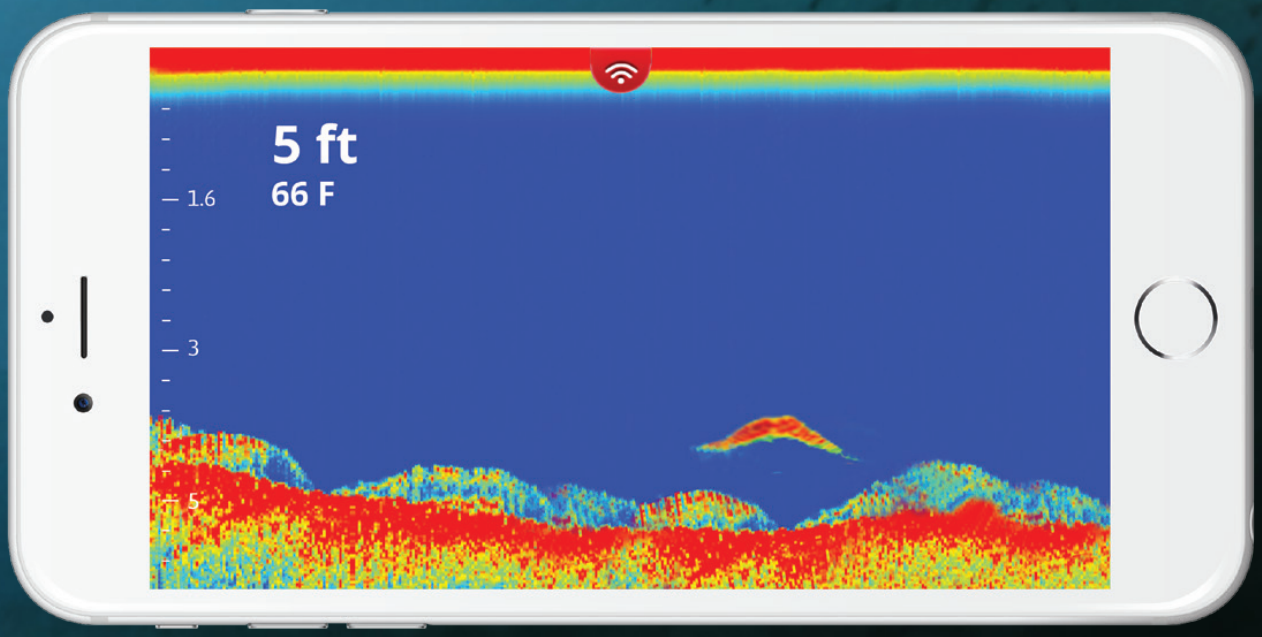
RAW VIEW

RAW VIEW produces actual results from the powerful Tri- Frequency Transducer in real time. In this mode, you become an instant expert, interpreting the different coloured lines at the bottom of the screen to see depth and structure while watching for disturbances in the water column to locate fish. This powerful hands on view gives you everything you need to rapidly identify and catch more fish. The darker the color on the screen the more dense the material the sonar is seeing, with red being the most dense possible. The lighter colors indicate softer materials like wood and weeds with blue being considered the water body itself. Fish are identified as "arches" of color in the water column or near the bottom depending on their location.



SHALLOW WATER MODE

FishHunter is the only wireless portable fish finder that comes with a shallow water mode that allows you to get into water that is only 1.4ft (0.4m) deep. This mode uses our patent pending tri-frequency technology to allow for the ideal balance of power and resolution to give you detailed information about the bottom terrain and ability to locate the weeds, rocks and drop offs easily.

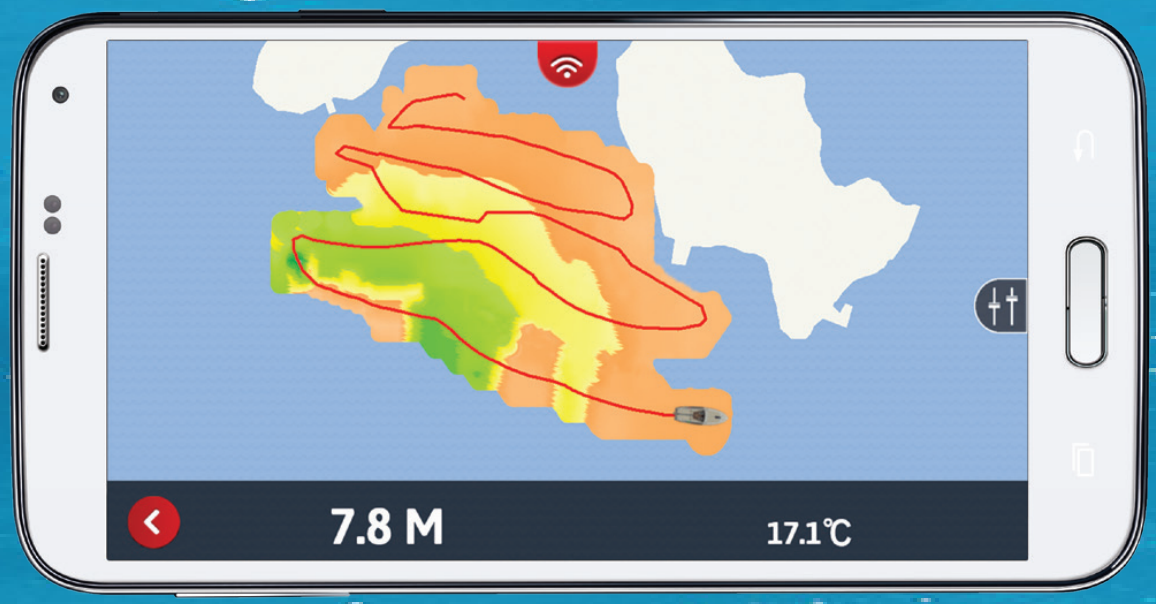


SHALLOW WATER STEPS

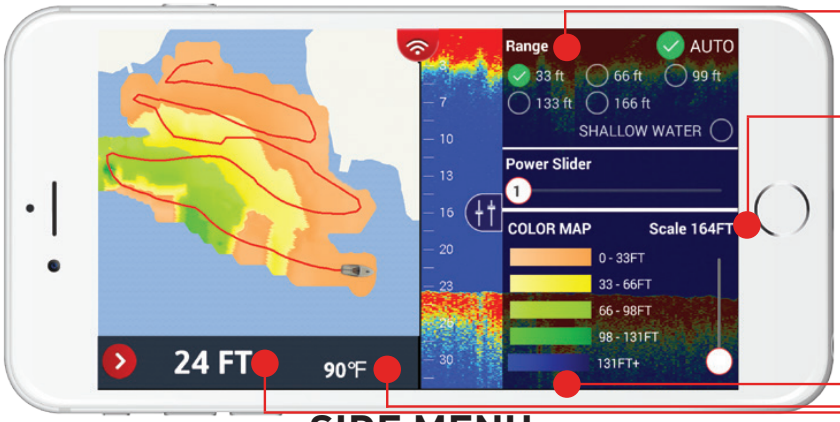
1. Place your **FishHunter** in water for it to turn on.
2. The sonar will have a red light appear and an additional slow flashing red light to identify that it is on.
3. On your Smartphone/Tablet open your Wi-Fi settings. Refresh the list and select "FishHunter Wi-Fi XXX" (Note: this can take up to 1 minute)
4. Open the FishHunter app on your smartphone or tablet and go into the sonar section.
5. Select your prefered view.
6. Pull out your side menu.
7. 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.)
8. 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.

BATHYMETRIC MAPPING

The perfect tool to create a custom map of your entire lake or favourite fishing spots. Just 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



Depth range

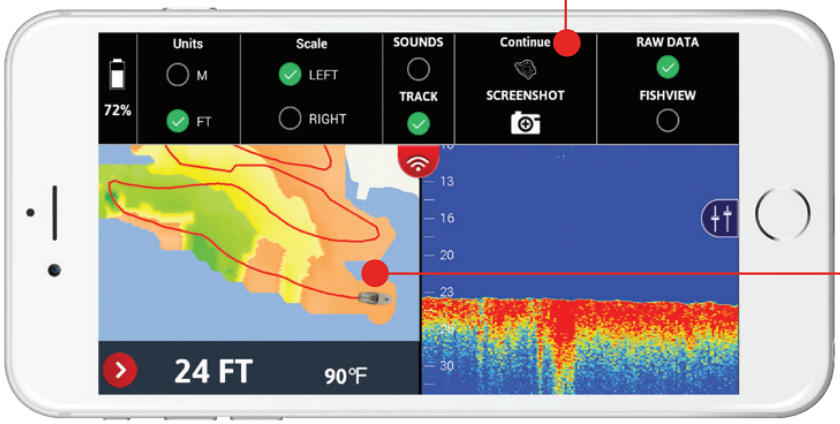
Area covered

Color scale

Water Temperature

Depth

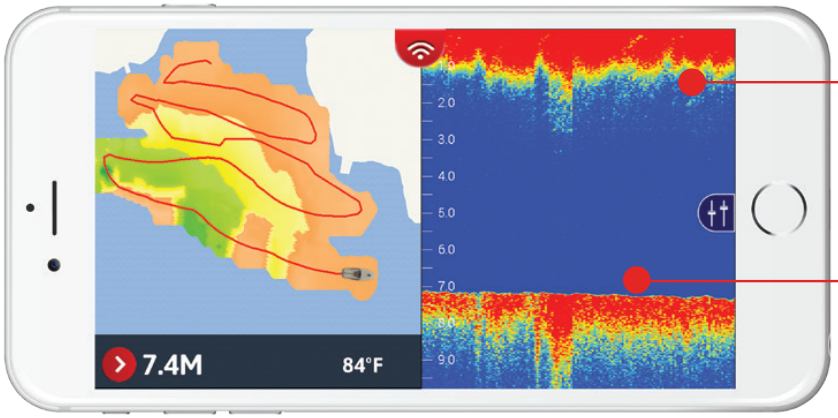
SIDE MENU



Continue current map

Boat location

TOP MENU



Surface reverb (See p.36)

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.
(We recommend the sonar be directly behind your boat and less than 5ft 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.**

Visit our website for additional support videos:

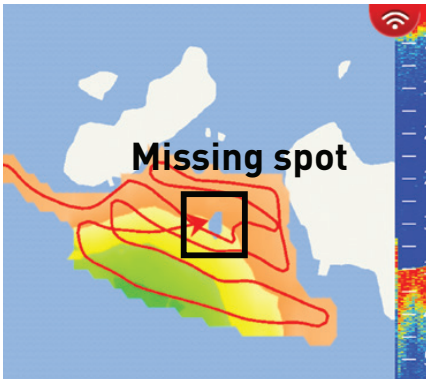
www.fishhunter.com/support

HOW TO ADD TO EXISTING MAP

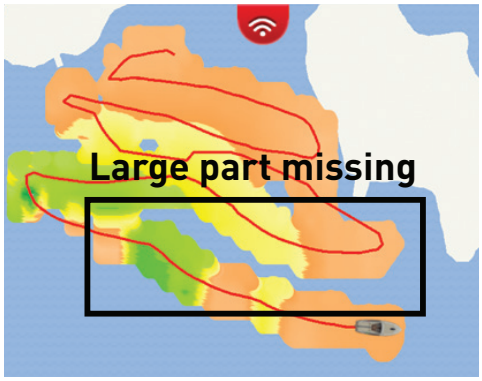
1. Tether your FishHunter to your boat/kayak/canoe and ensure it has good line of sight to your smartphone/tablet.

   (We recommend the sonar be directly behind your boat and less than 5ft 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 500m 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 map updated map will automatically save itself

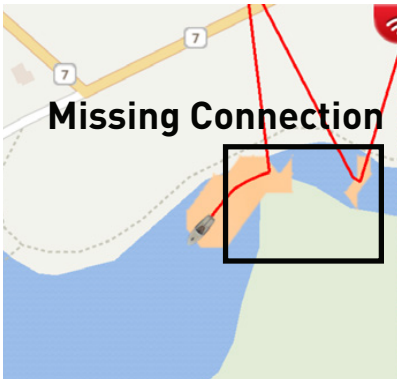
MISSING SECTIONS ON MAP?



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 500m 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

Visit our website for additional support videos:

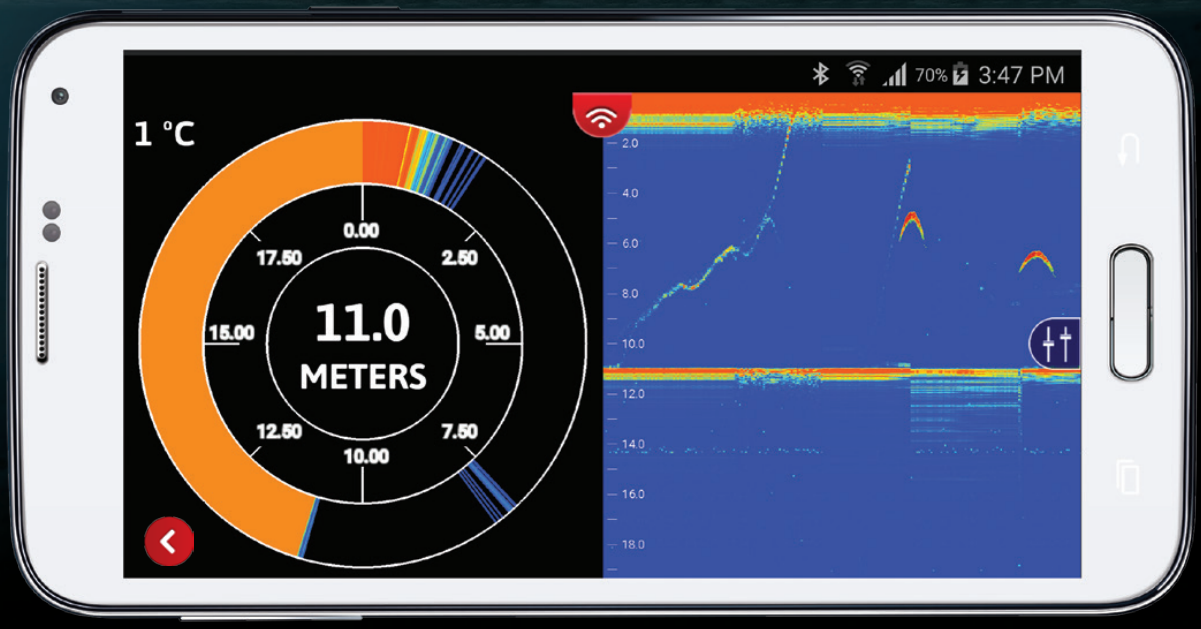
www.fishhunter.com/support

ICE FISHING FLASHER

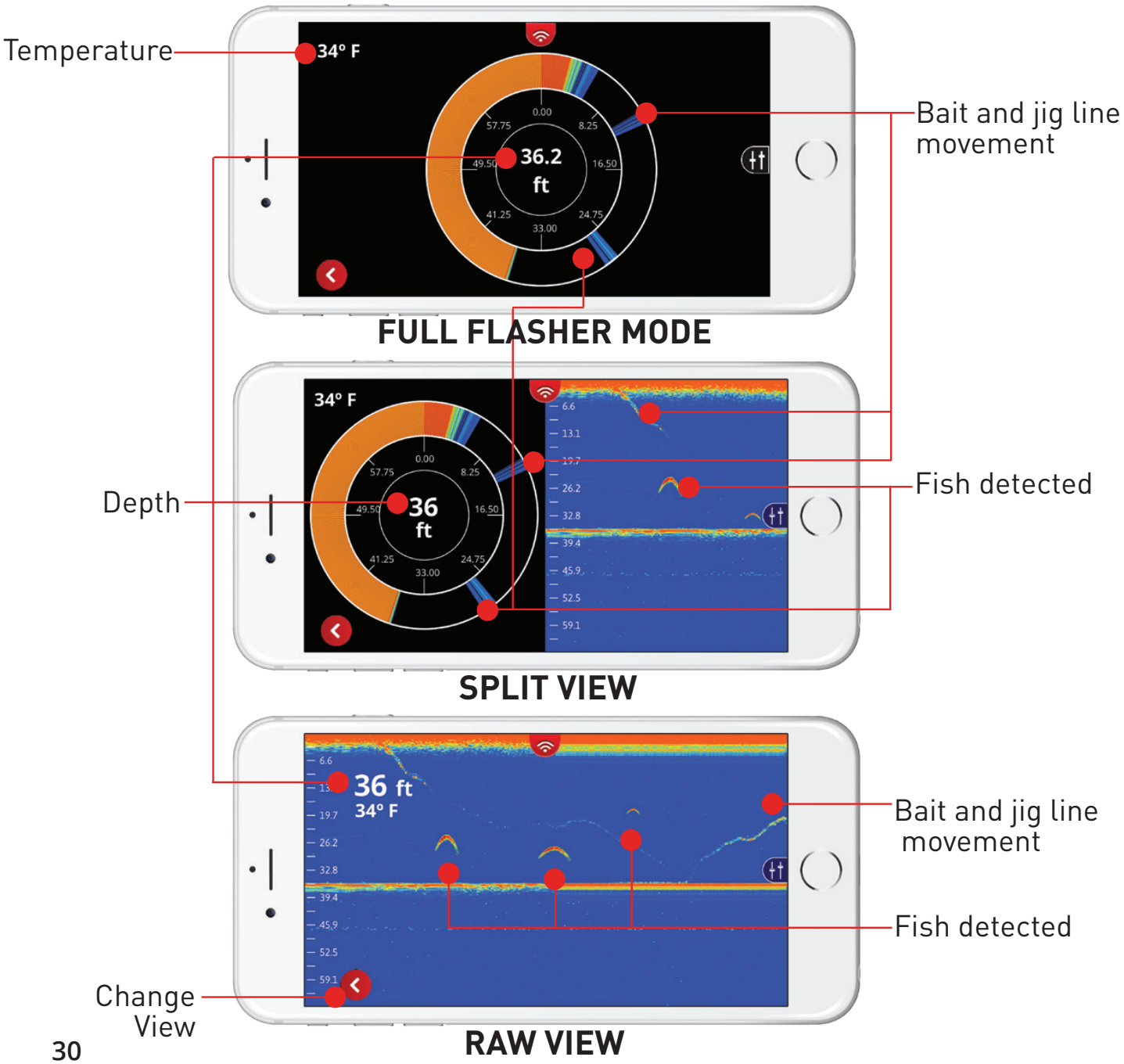
Unlike traditional flashers, **FishHunter PRO** floats on the surface of the water in the ice hole, withstanding weather conditions as cold as -22ºF (-30ºC).

The **Ice Fishing Flasher View** uses 2 powerful ultra high frenquencies 475 kHz and 675 kHz to enable you to see your jig in real time.

Both the SPLIT Screen (Flasher / RAW VIEW) and FULL Screen (Flasher only / RAW VIEW only) views allow you to see the bottom, the bottom depth and the temperature conveniently on your smartphone or tablet.



ICE FISHING FLASHER



ICE FISHING FLASHER STEPS

1. Clear any snow debris from your ice hole.
2. Place **FishHunter PRO** in the ice hole to turn it on.
3. Open your Wi-Fi settings and select **FishHunter Wi-FI XXXX**.
4. Open the FishHunter™ app and go into the sonar section.
5. Select the **Ice Fishing**
6. You will now start receiving **Ice Fishing Flasher** data to your device screen.

SIDE MENU

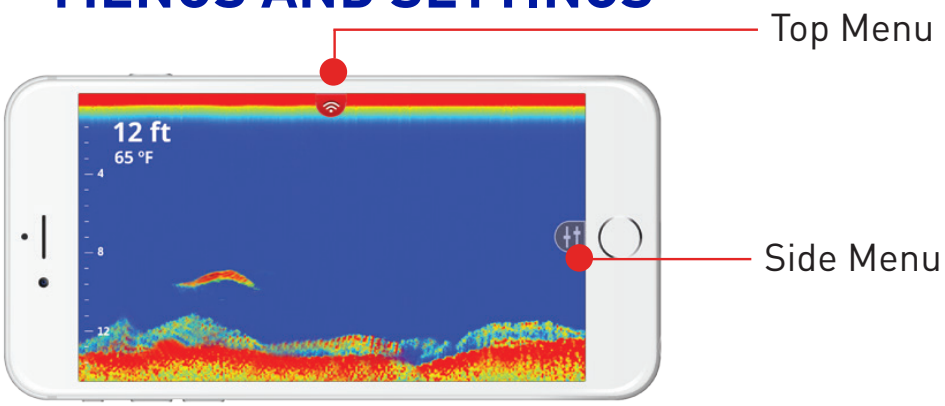
NOTE:
Surface Filter and Power Slider are very useful when using Ice Fishing Flasher mode. Find more detail about them on page 35 for Surface Filter and on page 36 for Power Slider.

"KNOW WHERE TO DRILL"

FishHunter PRO is very powerful and you can actually find the bottom depth in most cases, without having to drill a hole in through ice.

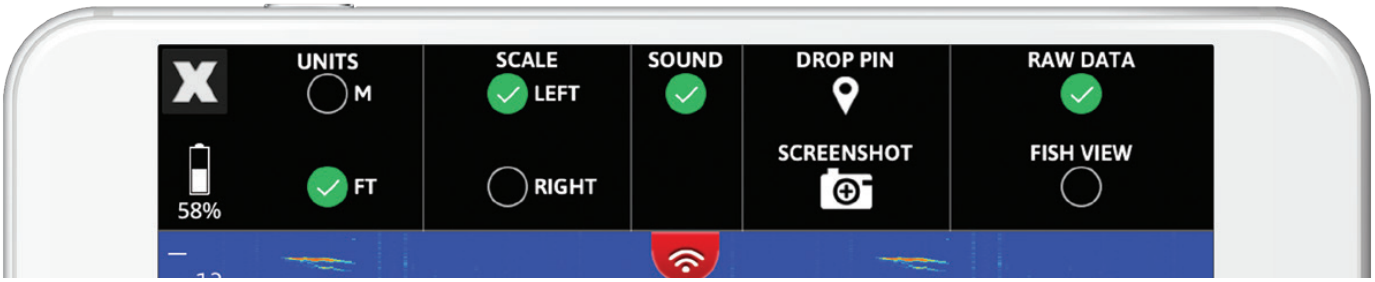
1. Clear the snow from the surface of the ice, ensure ice surface is flat/smooth.
2. Plug the charge cord into the bottom of the sonar and remove it. This will turn on your sonar for about 2 minutes.
3. Place your **FishHunter PRO** on the top ice surface making sure it is sitting flat on the ice.
4.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

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.

TOP MENU OPTIONS



X: Clicking on this icon takes you back to view options (for iOS only)

Battery Life: shows battery charge level

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: will create GPS location and save the information to that GPS location. Can be later found on the map screen.

Screenshot: will take a screen shot of what's on your screen and save it to your camera roll

Raw View or Fish View: switch between **Raw View** and **Fish View**

SIDE MENU OPTIONS

Shallow Water: will adjust the scale on your screen to be between 1.4ft-15ft and adjust the settings to give you the best results when in less than 15ft of water. Please note that you must adjust the power slider when in this mode. Failure to adjust the power slider to your water conditions can result in the FishHunter giving you incorrect bottom values.

Select number of ft: this is where you gain control to accurately set the approximate depth you are fishing at. All settings allow for you to adjust the power slider, surface filter and fish sensitivity to your individual preference.

Auto Range: the screen will take a few seconds to "find the bottom" 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 bottom" depth for the area that you are fishing in. In order to optimize your experience, we have created an auto ranging function that allows us to automatically balance the Gain and Pulse Width of your sonar to give you the best possible results at each depth you are fishing in. In most cases leaving it in "Auto" is the best way to use your sonar.

But, 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 PRO**. You can set the depth manually by going into the side menu and selecting the depth you will be fishing in. The side menu changes slightly depending on what view you have the sonar in when you open the menu.

Surface Filter Slider/Ice Thickness Slider:

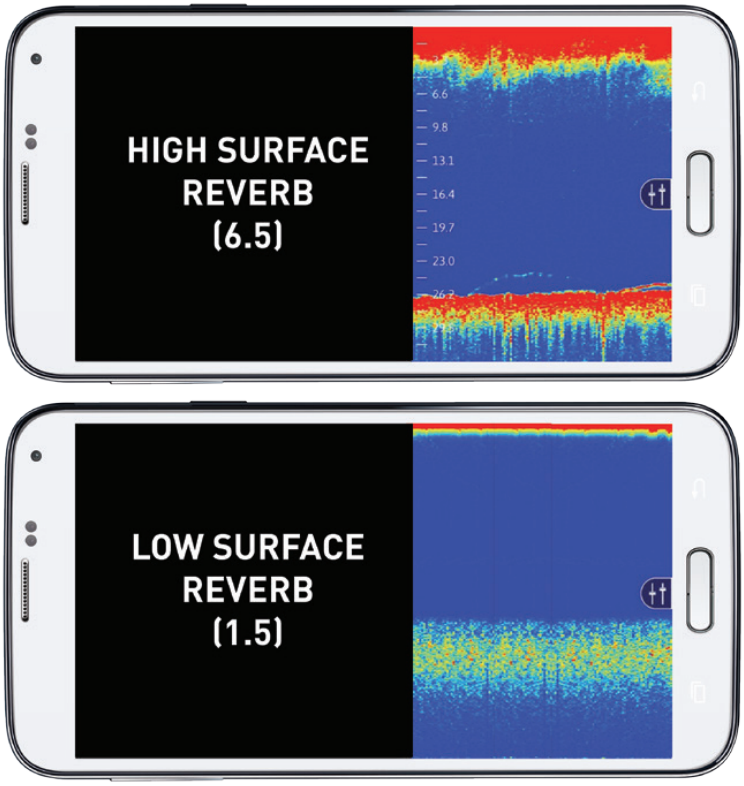
Whenever you use a fish finder, you will get what is called surface reverb or surface noise as the sound waves from the transducer reach the surface of the water.

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 you will see that a number appears on the right hand side of the

slider. This number (in either imperial or metric) 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 6.5ft and the bottom sonar to 1.5ft to give you the best results.



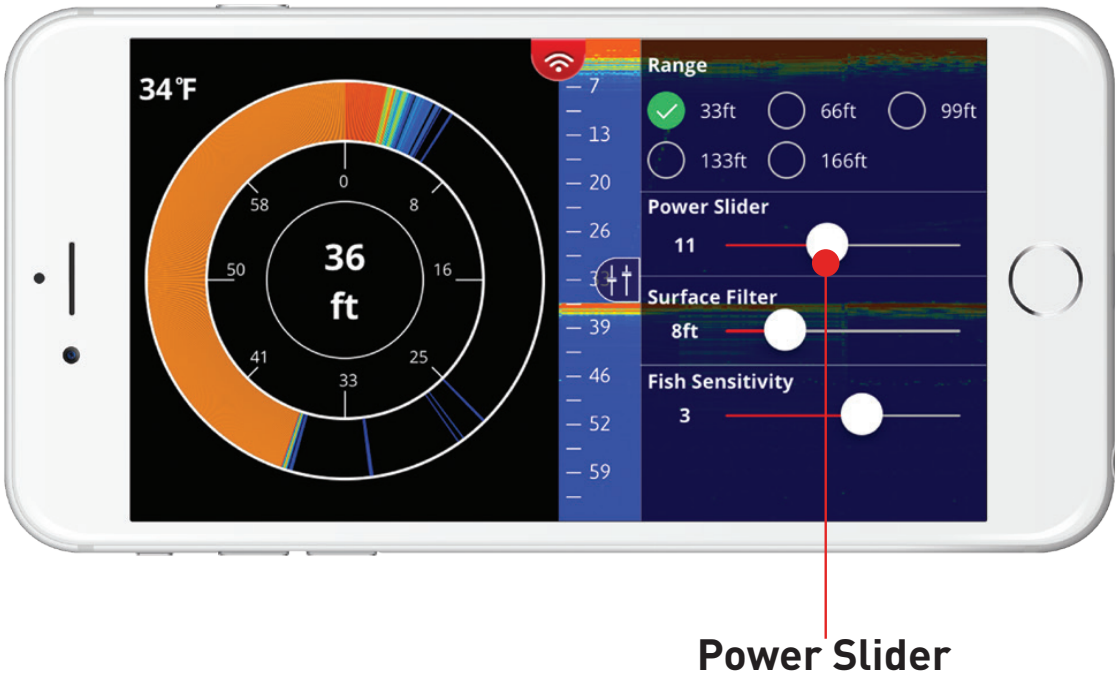
Fish Sensitivity Slider:

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.

Fish Sensitivity Slider

Power Slider:

The Power Slider allows you to adjust the gain and pulsewidth 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. We expect that you will 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.

Steps:

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 are zoom in the scale will increase and as you zoom out it will decrease.

IMPORTANT USAGE TIPS

FishHunter PRO is the World's fastest tri-frequency portable fish finder and and is designed to work in all types of fishing conditions. As you already know, it comes with 4 amazing views to support you in catching more fish and we recommend that you review how the 4 different views work on our web site:

www.fishhunter.com/pro

1 Casting and reeling from shore:

The **FishHunter PRO** is 153 grams, so when casting from shore we recommend that you use a stiff rod and braided line. We have tested casting the unit with all types and styles of rods and lines and have had no issues, but better to be safe in your approach when casting from shore.

2 Kayak Fishing Usage:

With a range of over 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:

For drifting we recommend that you use our 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 kayak within 5 ft of your device. Ensure your device is elevated (try our fishing tripod) and has good visibility to the sonar.

Paddling/Pedaling:

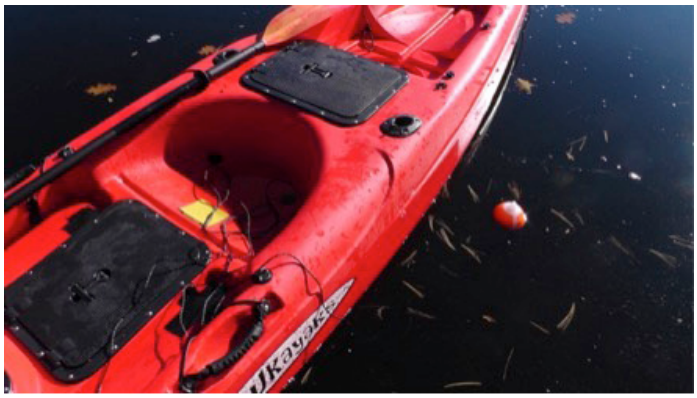
When paddling/pedaling the kayak at a slow pace you can use the 15 ft leash and pull the **FishHunter** behind the kayak to allow you to see the terrain below your kayak.

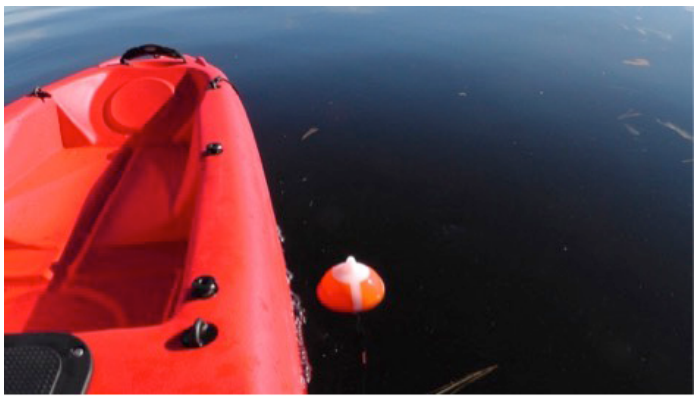
When paddling/pedaling along at a fast pace, you will want to have the **FishHunter** located just behind your seat in the kayak. This will give you the best possible connection with the sonar and the most consistent screen speed. (See photos on the next page.)

I. Attach your tether to the side of your kayak
(Note: in the below we have attached it to the kayak handle).

II. Allow enough line to ensure your **FishHunter** will be behind your seat. When you are moving along (in this case we have used about 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.

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 and is due to the fact that the sonar is floating directly behind your kayak.





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.

3 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 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 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 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- 15 ft Leash Mounting:

The **FishHunter** has been designed to troll at under 2 miles per hour for Android and under 1.5 miles per hour 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 15 ft leash that is provided with your **FishHunter** to make it easy for you to use your new sonar.

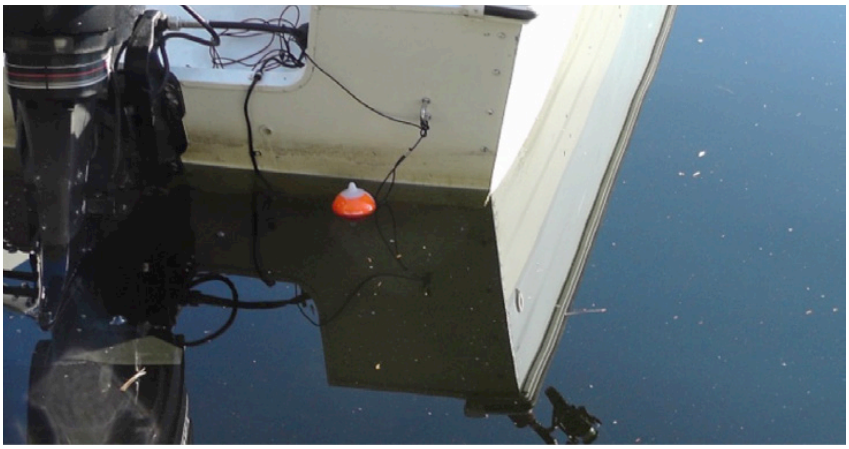
Please note - when trolling the **FishHunter** in a metal boat you may see a thin line on your screen, this is just a sound reflection off of your metal boat. - might think that reflection is a fish. When this happens, you will see fish continuously on the screen at the same depth level. Since this situation 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. Please 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. Please 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 6-10 inches 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 6 inches 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.



You can watch "Making a Boat Mount" video at:
www.fishhunter.com/support

WARRANTY

Navico warrants that its products, when properly installed and used, will be free from defects in material and workmanship for the period stated for the applicable product and/or peripheral device as set out on **www.lowrance.com** from the date of first purchase (the Warranty Period).

For the purpose of this Warranty, 'date of first purchase' means the date the product was purchased by the first retail customer; or in the case of a product installed on a new vessel by a Certified/Approved Navico Boat Builder, the date the first retail customer took delivery of the vessel.

Navico will, at its sole discretion, repair or replace with new or refurbished parts or product, or equivalent product, any proven defective products or components returned to Navico, or its approved agent during the Warranty Period in a accordance with the terms, conditions and limitations as set out on **www.lowrance.com**. Such repairs or replacements will be the sole remedy of the customer under this Warranty.

This warranty gives you specific legal rights, your rights may vary from jurisdiction to jurisdiction. These rights exist alongside all rights you have under local law.

OBTAINING WARRANTY SUPPORT

Customers can obtain warranty support by contacting:

- Their local Navico Certified/Approved Dealer or Distributor (a list of Certified/Approved Dealers and Distributors can be found on **www.lowrance.com**)
- Navico, Americas on 1 800 628 4487
- Navico, Australia on 1 300 628 426
- Navico, Europe, Middle East & Africa - for a list of Certified Dealers and Distributors by country refer to **www.lowrance.com.**

HOW LONG DOES THE COVERAGE LAST?

Our warranty periods are 1 year from the documented date of purchase.

FishHunter™ PRO Includes :

- FishHunter™ PRO Sonar
- USB Charging Cord
- 15ft leash

FISH HUNTER™

FishHunter Inc.
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www.fishhunter.com/support