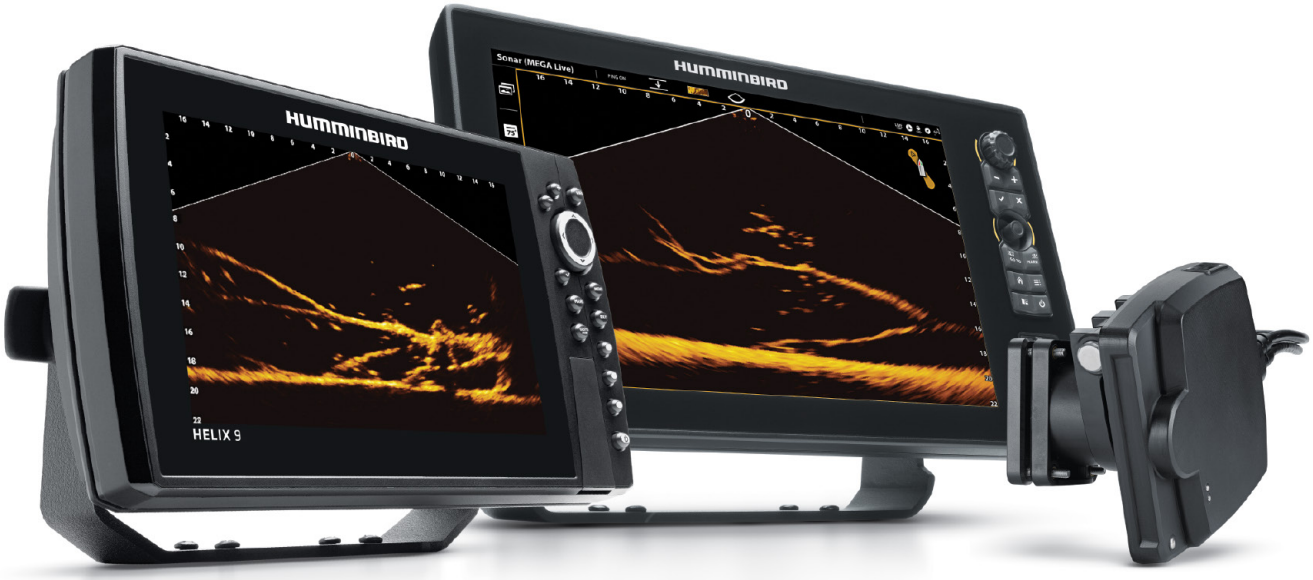
MEGA Live Imaging

Operations Guide

532771-2EN_A



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Contact Humminbird Technical Support through our Help Center at https://humminbird-help.johnsonoutdoors.com/hc/en-us.

WARNING! This device should not be used as a navigational aid to prevent collision, grounding, boat damage, or personal injury. When the boat is moving, water depth may change too quickly to allow time for you to react. Always operate the boat at very slow speeds if you suspect shallow water or submerged objects.

WARNING! The electronic chart in your Humminbird unit is an aid to navigation designed to facilitate the use of authorized government charts, not to replace them. Only official government charts and notices to mariners contain all of the current information needed for the safety of navigation, and the captain is responsible for their prudent use.

WARNING! Humminbird is not responsible for the loss of data files (waypoints, routes, tracks, groups, recordings, etc.) that may occur due to direct or indirect damage to the unit's hardware or software. It is important to back up your control head's data files periodically. Data files should also be saved to your computer before restoring the control head defaults or updating the software. Visit our Web site at **humminbird.com** and download your control head operations manual for details.

WARNING! Disassembly and repair of this electronic unit should only be performed by authorized service personnel. Any modification of the serial number or attempt to repair the original equipment or accessories by unauthorized individuals will void the warranty.

NOTE: Some features discussed in this manual require a separate purchase. Every effort has been made to clearly identify those features. Please read the manual carefully in order to understand the full capabilities of your model.

NOTE: The illustrations in this manual may not look the same as your product, but your unit will function in a similar way.

NOTE: To purchase accessories for your control head, visit our Web site at **humminbird.com** or contact Humminbird Technical Support through our Help Center at **https://humminbird-help.johnsonoutdoors.com/hc/en-us**.

NOTE: The procedures and features described in this manual are subject to change without notice. This manual was written in English and may have been translated to another language. Humminbird is not responsible for incorrect translations or discrepancies between documents.

NOTE: Product specifications and features are subject to change without notice.

NOTE: Humminbird verifies maximum stated depth in saltwater conditions, however actual depth performance may vary due to transducer installation, water type, thermal layers, bottom composition, and slope.

NOTE: For MEGA Live Imaging troubleshooting and maintenance information, please see your ***MEGA Live Imaging Installation Guide***. The guide can also be downloaded from our Web site at **humminbird.com**.

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Introduction

Thank you for purchasing the Humminbird® MEGA Live™ Imaging transducer. We encourage you to read this manual carefully in order to understand MEGA Live Imaging and how to use this Humminbird advanced accessory on the water. Some of the equipment requirements and menu options depend on your control head. Whether you have an APEX™, SOLIX® or HELIX® fish finder, every effort has been made to clearly identify those features throughout this manual.

Important Information

Before you use the MEGA Live Imaging transducer on the water, it is important to understand the following:

Speed	The MEGA Live Imaging transducer is intended for use at trolling speeds. The transducer should NOT be in the water during high speed travel.
Obstructions	Be aware of obstructions in the water that could damage the transducer.
Powering Off	When the boat is at dock or in storage, the MEGA Live Imaging transducer should be turned off at the switch to prevent wear and tear. See ***Power Off*** for more information.
Setting Up the Control Head	The control head must be set up correctly to add the MEGA Live Imaging features to the Menu System and View Rotation. See ***Set Up MEGA Live on the Network*** and ***MEGA Live Imaging Views***.

Humminbird Control Head

This accessory manual describes the functionality that is added to your APEX, SOLIX or HELIX control head when it is connected to the MEGA Live Imaging transducer. For additional information about the Humminbird control head operations, see your control head operations manual. To download the manual from our Web site, go to **humminbird.com**.

Compatibility

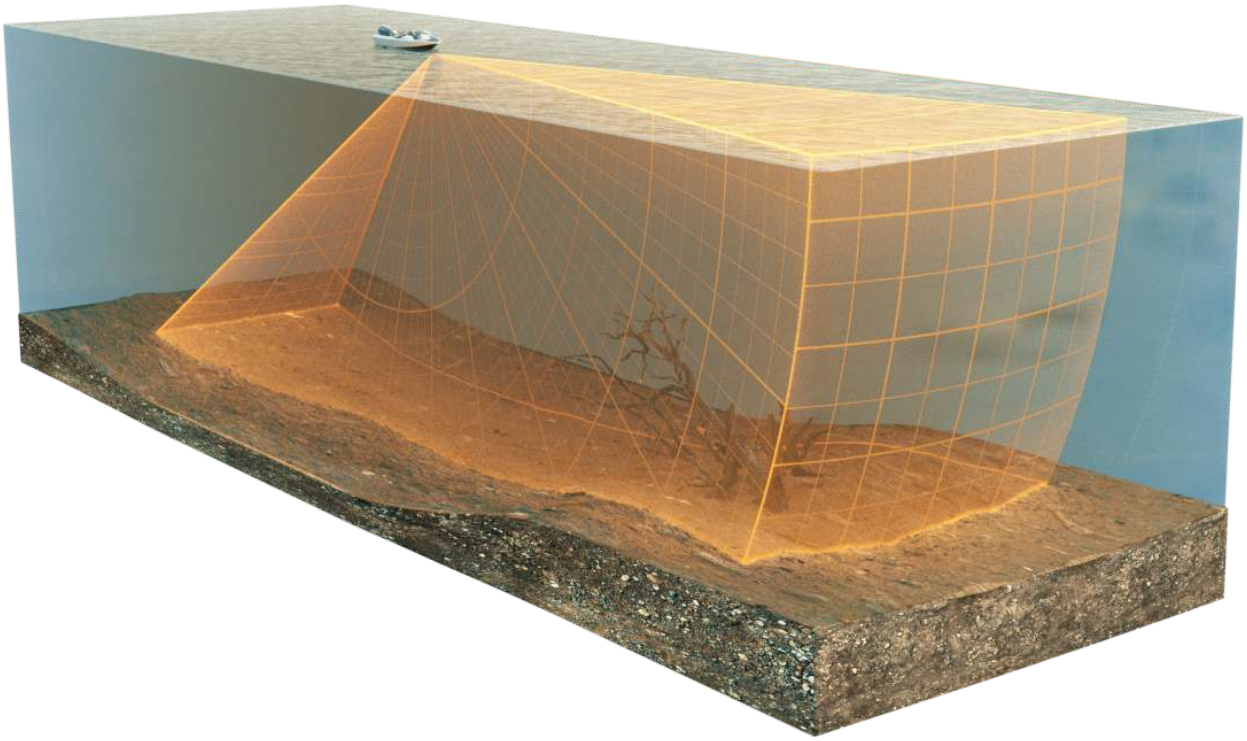
MEGA Live Imaging is compatible with all APEX models, SOLIX models, HELIX G3N and G4N models with MEGA Imaging+, and HELIX 7 G4N models with MEGA Down Imaging or MEGA Side Imaging.

MEGA Live Imaging Sonar

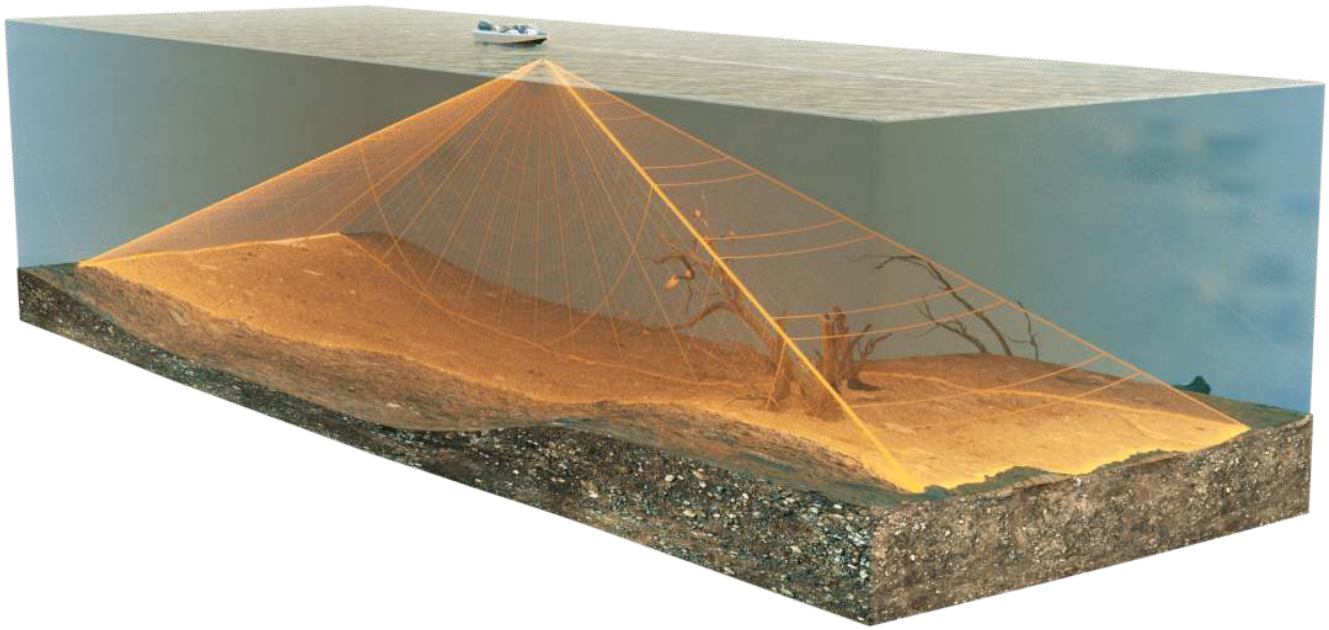
The MEGA Live Imaging transducer deploys into the water with the your Minn Kota® Ultrex™ or Fortrex® trolling motor or as an ICE accessory. See the installation guide that was included with your MEGA Live for more information.

Multiple viewing options provided by the included trolling motor shaft mount allow for a view of the area in front of, around, and below your boat. Watch fish and structure in real-time with a range of up to 150 feet and without gaps in sonar coverage.

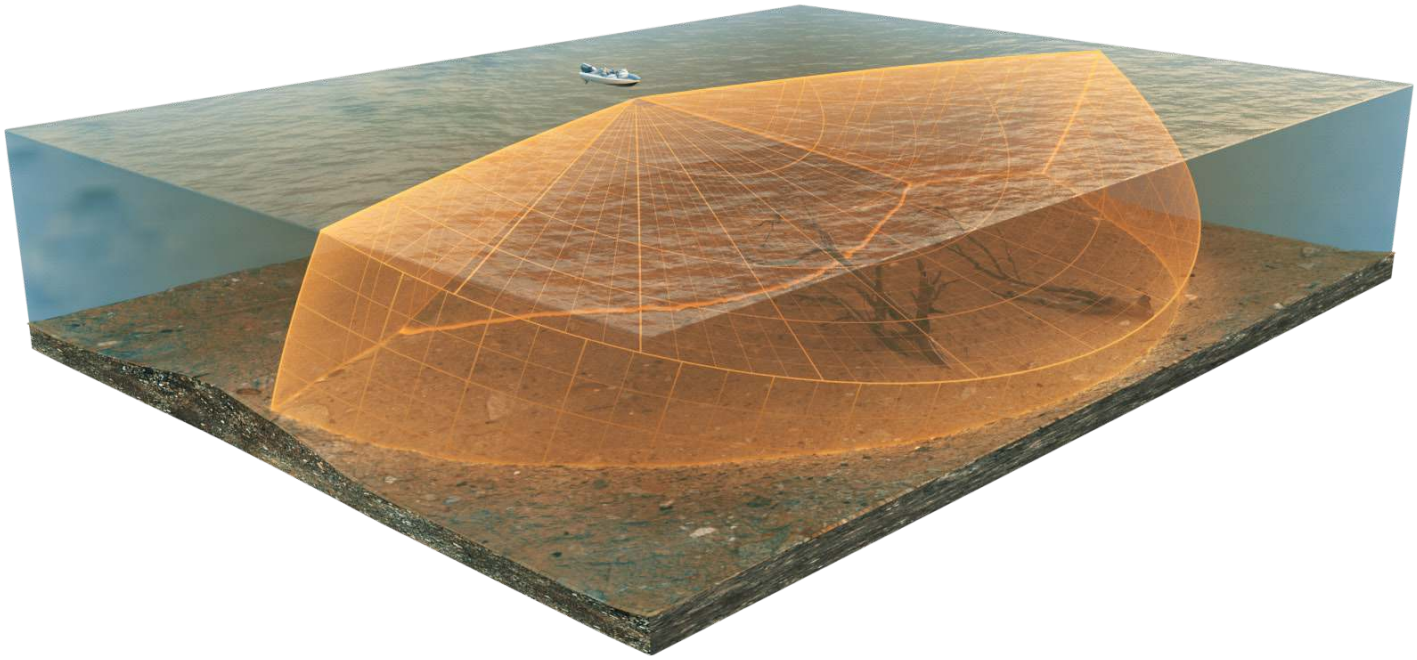
Forward View



Down View



Landscape Mode



NOTE: The transducer's performance is affected by such factors as boat speed, wave action, bottom hardness, water conditions, and installation.

Power On and Confirm Connections

All equipment should be connected and powered before you turn on the control head. See the ***MEGA Live Imaging Installation Guide*** for more information.

When the control head detects the MEGA Live Imaging transducer, it will subscribe to it automatically as a sonar source. The related views and menus will be added to the system. Use the following instructions to power on the control head and confirm the MEGA Live Imaging transducer and the optional GPS receiver/compass (heading sensor) are detected by the unit.

CAUTION! It is important to finish all installation connections before powering on the control head.

1 | Power On the MEGA Live Imaging Transducer and the Control Head

APEX/SOLIX Series

1. Turn on the power source from the main switch.
2. On the control head, press and hold the POWER key.
3. Select Normal mode.

HELIX Series

1. Turn on the power source from the main switch.
2. On the control head, press the POWER key.
3. When the Title screen is displayed, press the MENU key to open the Start-Up Options Menu.
4. Use the Cursor Control key to choose Normal, and press the RIGHT Cursor key to select it.

2 | Confirm MEGA Live Connection on the Humminbird Control Head

APEX/SOLIX Series

You can confirm the MEGA Live connection by checking the system status bar. Each accessory connected to the Humminbird control head is represented by a status icon in the system status bar.

APEX/SOLIX Status Bar (top of screen)

1. Press the HOME key.
2. Review the top, right corner of the status bar.

   Confirm MEGA Live is shown as Connected and In Water. It may take up to one minute for the MEGA Live to be detected.

   Unconnected: If the MEGA Live icon is not shown in the status bar, check the cable and power connections to confirm they are secure and powered on. Review the installation guide that was included with your MEGA Live Imaging transducer to confirm it is installed correctly.

MEGA Live Status Icon	Icon Description
LIVE	**Connected/In Water/Pinging:** The MEGA Live is connected, in the water, and pinging.
LIVE	**Connected/In Water/Not Pinging:** The MEGA Live is connected and in the water, but it is not pinging.
LIVE	**Connected/Out of Water:** The MEGA Live is connected, but the wet indicator is out of the water.
LIVE	**Connection Lost:** The connection to the MEGA Live was lost.

NOTE: For additional system status, select Home > Settings > Network > Network Info.

HELIX Series

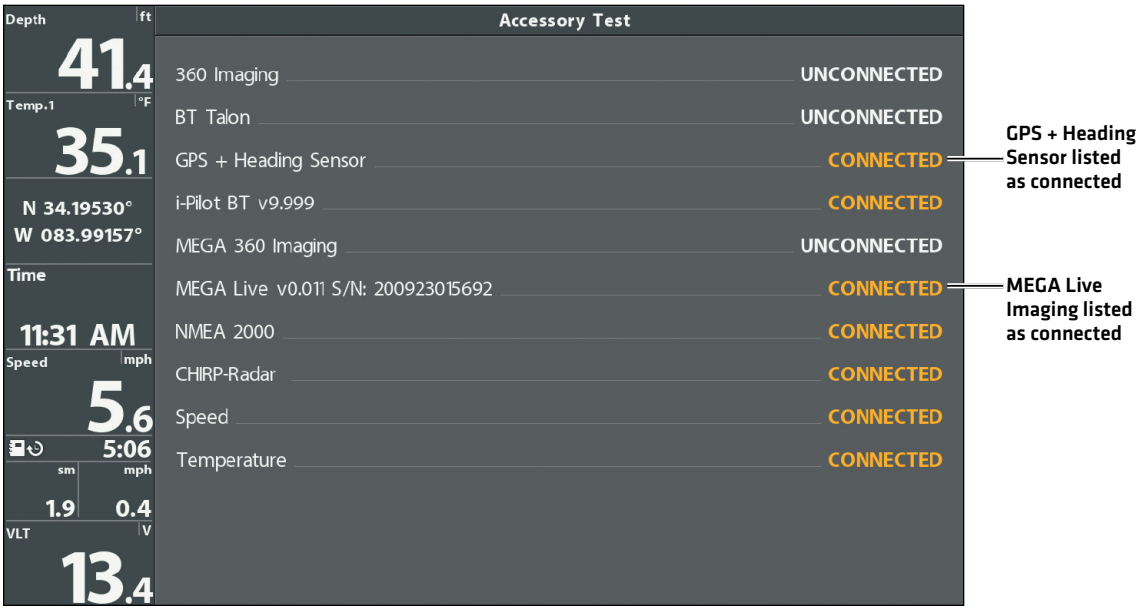
You can confirm the MEGA Live connection by checking the Accessory Test view.

1. Press and hold the VIEW key.
2. Select System > Accessory Test.

   Confirm MEGA Live is shown as Connected. It may take up to two minutes for the MEGA Live to be detected.

   Unconnected: If the MEGA Live icon is listed as Unconnected, check the cable and power connections to confirm they are secure and powered on. Review the installation guide that was included with your MEGA Live Imaging Transducer to confirm it is installed correctly.

HELIX Accessory Test



3 | Confirm GPS Reception

Use the instructions in this section to confirm the control head has GPS reception. GPS and a compass (heading sensor) are required to enable the boat icon on the control head with the MEGA Live Imaging transducer. A heading sensor is also required to enable some MEGA Live TargetLock features (separate purchase required).

APEX/SOLIX Series

1. From the Home screen, review the top, right corner of the status bar, and confirm the GPS receiver is detected and active.

GPS Status Icon	Icon Description
	Detected and Active: The GPS receiver is detected and a GPS fix has been obtained.
	Connected but not Detected or Active: The GPS receiver is connected, but not detected on the network or no GPS fix has been obtained.
	Connected but not Transmitting/Receiving: The GPS receiver is detected, but it doesn't have a GPS fix.

2. If the Detected and Active icon is visible, GPS fix has been obtained.
3. From the HOME screen, review the top, right corner of the status bar, and confirm the compass (heading sensor) is on and data is being received.

Compass Status Icon	Icon Description
	Detected and Active: The compass (heading sensor) is on and heading data is being received.
	Connected but not Detected or Active: The compass is not detected on the network and not transmitting data.

Check GPS Reception and Satellite Strength

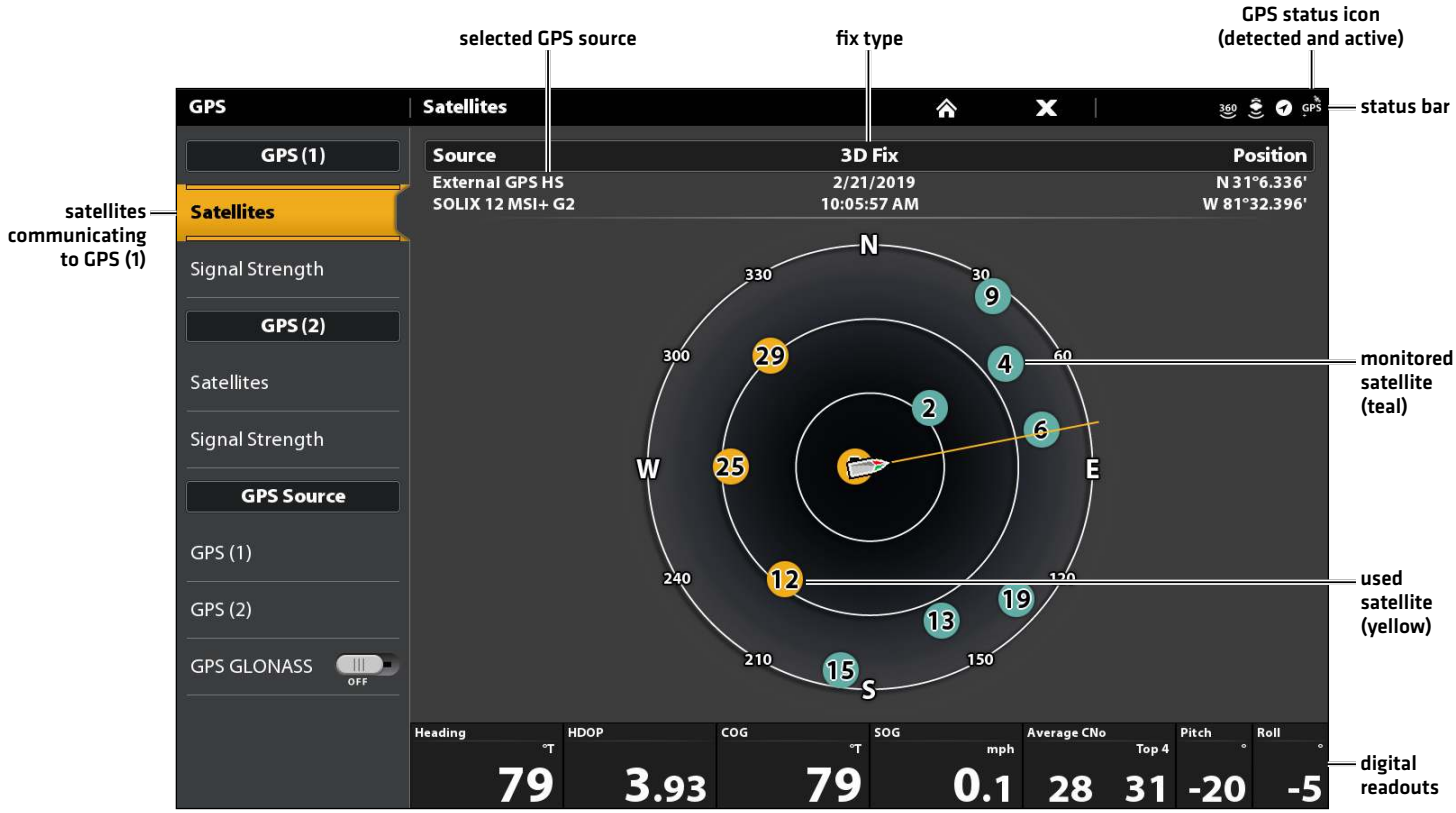
The GPS tool provides two ways to view the satellites communicating with the GPS receiver. **Yellow** indicates that the satellite is being used to determine your current position. **Teal** indicates that the satellite is being monitored but not used. The following data is also displayed:

- **Position** (latitude and longitude)
- **GPS Fix Type:** reported as No Fix, 2D Fix, 3D Fix, or Enhanced. An Enhanced fix has been augmented using information from WAAS, EGNOS, or MSAS. A 3D or Enhanced Fix is required for navigation.
- **HDOP (the Horizontal Dilution of Precision):** a GPS system parameter which depends on the current satellite configuration. HDOP is used to calculate the Estimated Position Error.

1. Press the HOME key.
2. Select the **GPS** tool.
3. Depending on your network configuration, select **GPS (1) > Satellites** or **GPS (2) > Satellites**.

NOTE: You can manually change which GPS receiver is the selected source for GPS (1) or GPS (2). For more information about GPS and selecting GPS sources, see your control head operations manual.

GPS (1) Satellite Sky Chart



4. Under GPS (1) or GPS (2), select Signal Strength.

Signal Strength (bar graph)

Signal Strength (GPS 1/GPS 2): displays vertical bar graphs indicating the satellite signal strengths with the respecting CNO (Carrier-to-Noise) value (0 to 60).

HELIX Series

1. Press and hold the VIEW key.
2. Select System > GPS Diagnostic View.

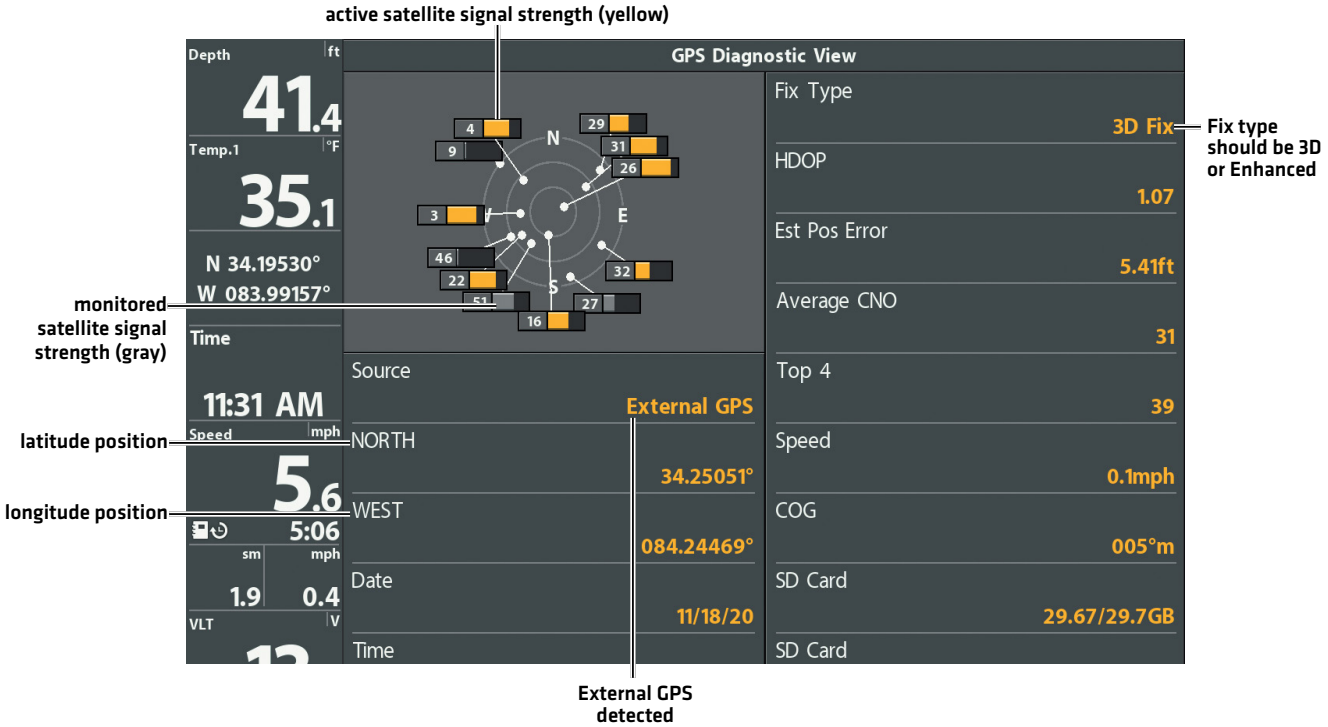
   Confirm that GPS + Heading Sensor (optional) are listed as Connected. See the illustration ***HELIX Accessory Test***.
3. Press and hold the VIEW key.
4. Select System > GPS Diagnostic View.

   Confirm GPS Fix Type is shown as Enhanced or 3D.

   Confirm that the latitude/longitude position readout is displayed.

NOTE: If the GPS Diagnostic View or Accessory Test is not displayed in the View Rotation, press the MENU key twice to open the Main Menu. Select the Views tab > GPS Diagnostic View or Accessory Test. Change the setting for each view to Visible.

Reviewing GPS Reception



GPS Reception: The sky chart displays the satellite number and signal strength bar.

GPS Fix Type: reported as No Fix, 2D Fix, 3D Fix, or Enhanced. An Enhanced Fix has been augmented using information from WAAS, EGNOS, or MSAS.

HDOP (the Horizontal Dilution of Precision): a GPS system parameter which depends on the current satellite configuration. HDOP is used to calculate the Estimated Position Error.

NOTE: To manually change your GPS source, change the output frequency, or turn on GLONASS, see your control head operations manual.

Update Software

Your control head model may need a software update to work with the MEGA Live Imaging transducer. We recommend that you read the following section completely before starting any software updates.

Control Head Required Software: The following control head software version is required to operate the MEGA Live Imaging transducer:

- APEX and SOLIX Series: 4.020 or higher
- HELIX Series: 2.660 or higher

MEGA Live Software: The MEGA Live has separate software updates from the control head. After the software is updated on the control head, you must download any accessory software updates. See your control head operations manual for more details.

Preparation: We recommend that you read the following section completely before starting any software updates. The Humminbird control head will take approximately 10 minutes to update, and each Humminbird control head on the network must be updated individually. Accessories take approximately 5 minutes to update.

Supplies: In addition to your Humminbird equipment, you will need a computer with Internet access and a blank SD or microSD card (depending on your control head).

Technical Support: If you have any questions about the software update process, contact Humminbird Technical Support through our Help Center at **https://humminbird-help.johnsonoutdoors.com/hc/en-us**.

Register Products

Register your Humminbird equipment so that you will receive the latest Humminbird news, including accessory compatibility and software update information.

1. Go to our Web site at **humminbird.com**. Select Support > Register Your Product.
2. Follow the on-screen prompts to register your products.

Export Settings and Navigation Data

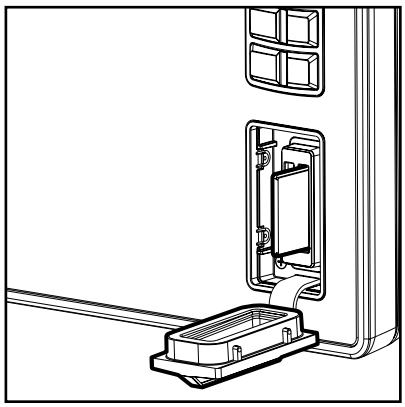
Before the control head software is updated or restored to system defaults, it is important to back up your control head data files (including navigation data and screen snapshots) and menu settings to an SD or microSD card.

WARNING! Humminbird is not responsible for the loss of data files (waypoints, routes, tracks, groups, snapshots, recordings, etc.) that may occur due to direct or indirect damage to the unit's hardware or software. It is important to back up your control head's data files periodically. Data files should also be saved to your computer before restoring the unit's defaults or updating the software.

WARNING! Do NOT leave the control head SD or microSD card slot cover open. The slot cover should always be closed to prevent water damage to the unit.

NOTE: See your control head operations manual for more information about exporting settings and navigation data.

Inserting an SD Card



Vertical Slot:
Insert the SD card with the label facing left.

Horizontal Slot:
Insert the SD card with the label facing up.

APEX/SOLIX Series

Export Data and Menu Settings

Use the instructions in this section before you restore the control head defaults or update software.

1. Install the SD or microSD card into the control head card slot.
2. Press the HOME key.
3. Select the Files tool.
4. Under Export, select Nav Data.
5. Follow the on-screen prompts.
6. **Select a Save Location:** Save to the SD Card.
7. Repeat steps 4 and 5 to export Menu Settings and Radar Installation settings (if applicable to your installation).
8. **Networked Units:** Repeat the steps in this section on each control head.

Copy Internal Images

If you have screen snapshots saved to the control head, use the following instructions to copy them to an SD or microSD card.

1. Confirm the SD or microSD card is installed in the control head card slot.
2. Press the HOME key.
3. Select the Images tool. Tap the icon, or press the ENTER key, to open.
4. Under Source, select Internal.
5. Press and hold one of the screen snapshots.

   OR

   Use the Joystick to select a screen snapshot. Press the MENU key.
6. Select Copy All.
7. **Select a Save Location:** Save to the SD Card (left slot = SD Card 1, right slot = SD Card 2)
8. Repeat the steps in this section on each control head.

HELIX Series

Export Navigation Data

1. Install the SD card or microSD card according to the instructions in your control head operations manual.
2. Power on the control head.
3. **Main Menu:** Press the MENU key twice. Select the Nav tab.
4. Select Waypoints, Routes, Tracks. Press the RIGHT Cursor key.
5. Select Options > Select All and ... > Export.
6. Follow the on-screen prompts to confirm or cancel the export.

Check the Current Software Version

It is helpful to review the software version number that is currently installed on the control head and each accessory.

APEX/SOLIX Series

1. Press the HOME key.
2. Select Settings > Network > Network Info.
3. The Network Info dialog box shows a section for each device connected to the network. Scroll to each section to note the software version number listed.

HELIX Series

1. Press and hold the VIEW key.
2. Select System > System Status.
3. Confirm the Software Version listed.

Update Control Head Software with an SD Card

WARNING! Before the control head software is updated or restored to system defaults, export your menu settings, radar settings, and navigation data. Copy your screen snapshots to an SD card. See ***Export Settings and Navigation Data*** for details.

NOTE: If you have more than one control head on the network, go to each control head to install the latest software update. Control head software updates cannot be updated through another networked unit.

NOTE: When you install the SD card with the software file into your control head, the control head will detect the update and provide an automatic prompt to install the software. You can follow the prompts or choose to install the software at a later time. See your control head operations manual for more information.

1. Install a formatted SD or microSD card into the computer card slot.
2. Go to **humminbird.com**, and click Support > Software Updates.
3. Click on your control head model. The available software updates are listed as downloads under each product. Confirm the file name is for your control head model.
   - Read the notices and instructions, and select Download.
   - Follow the on-screen prompts to save the software file to the SD or microSD card.
4. Repeat step 3 to download the software updates posted to each product.
5. Insert the SD or microSD card (with the software file) into the control head card slot.
6. Power on your Humminbird control head. Start **Normal** mode.
7. Follow the on-screen prompts to update the control head software.
8. When the software update is complete, remove the SD or microSD card from the control head card slot.
9. **Restart:** If you don't have any other software updates to install, power off the control head, and restart it.

Update Accessory Software with an SD Card

1. Install a formatted SD or microSD card into the computer card slot.
2. Go to **humminbird.com**, and click Support > Software Updates.
3. Scroll down to Accessories and Mapping. The available software updates are listed as downloads under each accessory product. Confirm your control head model is listed in the software description.
   - Read the notices and instructions, and select Download.
   - Follow the on-screen prompts to save the software file to the SD or microSD card.
4. Insert the SD or microSD card (with the software file) into the control head card slot.
5. Power on your Humminbird control head. Start **Normal** mode.
6. **APEX/SOLIX:** Select the Files tool. From the Software Update tab, scroll to MEGA Live on the Accessories list. Confirm that the most current software version is selected from the list, and select Install Now.

   HELIX: The software will be automatically detected. It may take up to two minutes for the software to be detected on the network, and the control head will display a dialog box to indicate that the update is in progress.
7. When the software update is complete, remove the SD or microSD card from the control head card slot.
8. **Restart:** If you don't have any other software updates to install, power off the control head, and restart it.

Update Software with FishSmart

You can use the FishSmart App to download and push software updates directly to your Humminbird control head or accessory.

NOTE: Your control head must already be running software release 1.610 or higher for HELIX Series or 3.110 or higher for APEX and SOLIX Series to support this feature.

NOTE: You must first download the FishSmart App and pair your mobile device to your control head. See the FishSmart User Manual for more information.

1. Open the FishSmart App on your mobile device.
2. **Apple iOS:** Tap the System menu icon.

   Google Android: Tap the FishSmart main menu. Select system.
3. Tap Update next to the selected unit. The download progress is displayed on the screen.
4. Tap Transfer next to the selected unit once the download is complete.
5. Confirm the estimated transfer time.
6. Tap the checkbox to select where to upload the software update (internal storage, card slot 1, or card slot 2).

   NOTE: For APEX and SOLIX Series control heads, you cannot download software updates to an SD or microSD card with LakeMaster charts saved to it.
7. Tap Transfer. The upload progress is displayed on the System menu in FishSmart and in the System Status view on the control head.
8. Follow the on-screen prompts on the control head to complete the software installation.

Set Up MEGA Live Imaging on the Network

Use the instructions in this section if you have more than one Humminbird control head connected to the network. Configuring the network synchronizes the control head settings.

NOTE: If you have selected the MEGA Live Imaging transducer on the network during the installation, the other settings in this section are optional. The depth source, temperature source, and alarms will be selected automatically based on the other connected equipment. Use this section to confirm installation settings or to change the sources to your preference. The settings will be saved after you power off the control head.

Before you start, make sure all of your control heads and sources (GPS, transducers, temp/speed accessories, etc.) for your fishing system have been installed. See the equipment installation guides for details. You may need to purchase an Ethernet switch, Ethernet connection cables, or y-cables, depending on your setup.

When the Humminbird network is installed, each control head automatically selects a primary source (transducer, temperature, and GPS). The control head selects the equipment connected to it as its primary source, but you can choose any compatible source on the network. Make sure to review the ***MEGA Live Imaging Installation Guide*** to ensure MEGA Live Imaging is set up as the sonar source.

APEX/SOLIX Series Networking

Your APEX or SOLIX control head will automatically detect and subscribe to MEGA Live Imaging, and the related views and menus will be added to the control head. Use the following instructions to review the selected sonar source.

Open the Sonar Source Menu

1. Press the HOME key.
2. Select Settings.
3. Select CHIRP Sonar.
4. Select Sonar Source.

Select Sonar Sources

Use the instructions in this section to assign sonar sources to each control head. The sonar sources can be shared between control heads or you can use different sonar sources on each control head.

1. From the Sonar Source menu, select the tab for the sonar source you want to assign.

   The MEGA Live Imaging transducer will be displayed on the MEGA Live tab.

2. Select the transducer connection location. The connection locations are displayed as follows:

   Selected Control Head (Local): the control head you are actively using

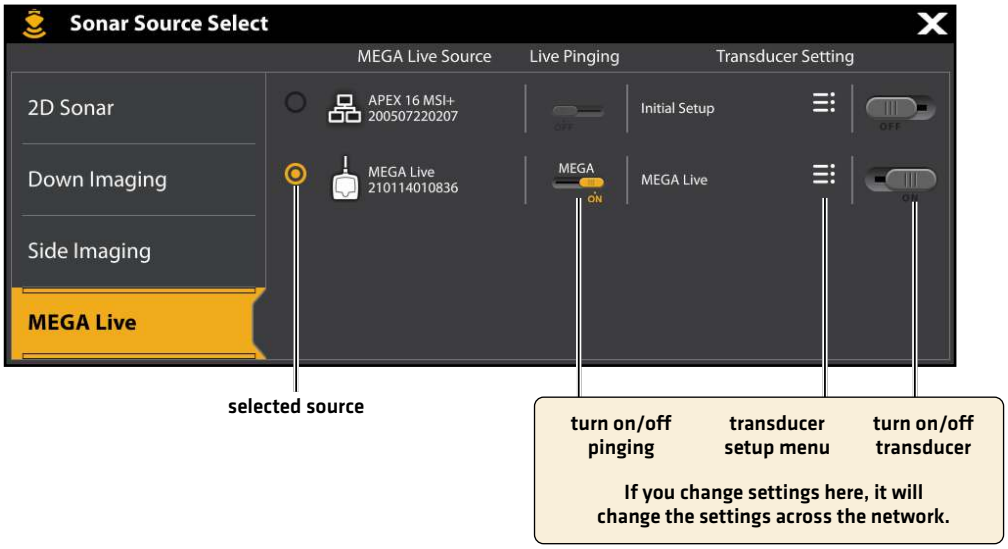
   Remote Control Head: additional control heads connected to the network

   Black Box Sonar

   MEGA Live Imaging

3. Repeat steps 1 and 2 for each tab. You can select one sonar source on each tab.

   When you turn on/off pinging or change the transducer settings, all control heads sharing the transducer are affected.



HELIX Series Networking

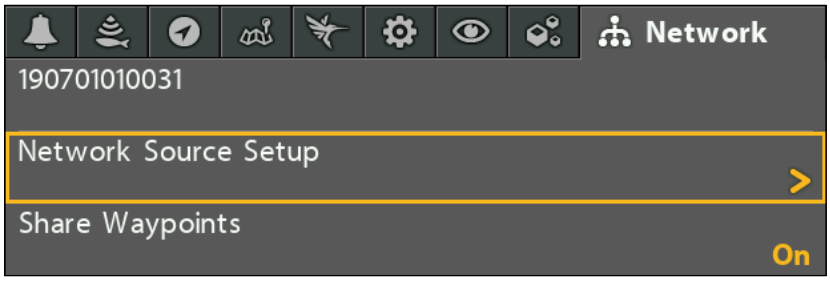
Open the Network Source Setup Dialog Box

1. **Main Menu:** Press the MENU key twice.

   NOTE: If a System View is displayed on the screen, you will only need to press the MENU key once to open the Main Menu.

2. Select the Network tab.
3. Select Network Source Setup. Press the RIGHT Cursor key.

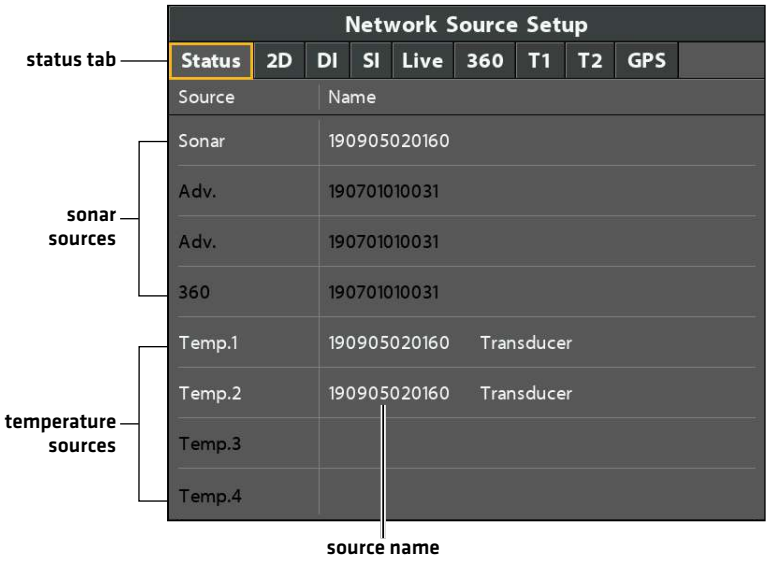
Opening the Network Source Setup Dialog Box



Status Tab: Review the status tab to see all detected sources in the network. If a source is grayed out, the source is detected, but the connection is lost or unavailable.

Select a Source: Review each source section to select a data source for each control head.

Network Source Setup Dialog Box



Select a Sonar Source

In addition to the MEGA Live Imaging transducer, you may have another Humminbird transducer connected directly to the control head and/or available in a Humminbird multiple-control head Ethernet network.

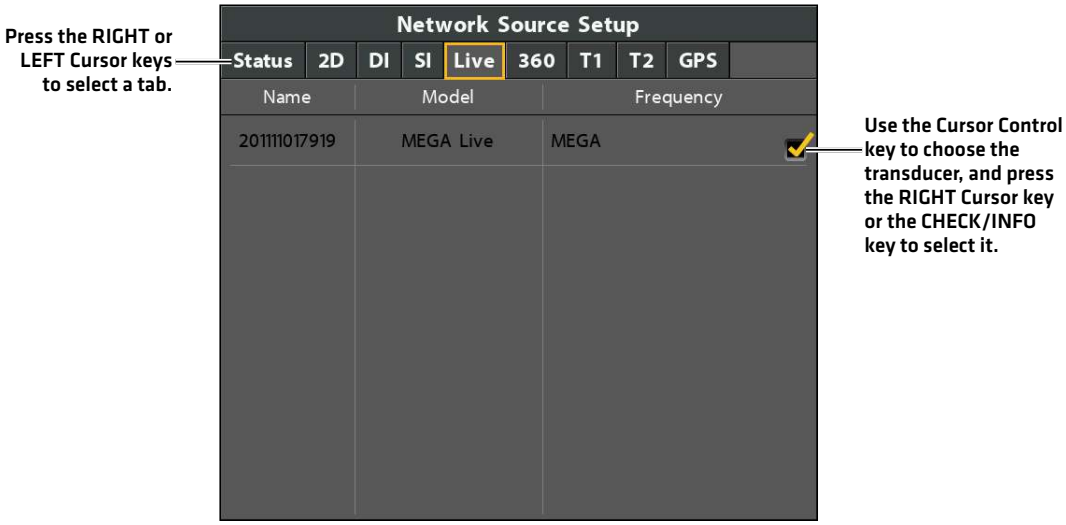
The sonar source may be auto-populated in the Network Source Setup dialog box, but it is important to confirm that the source selection matches your transducer and frequency preferences. You can use the Network Source dialog box to change the sonar source.

1. **Network Source Setup Dialog Box:** Select the Network tab > Network Source Setup. Press the RIGHT Cursor key.
2. Use the Cursor Control key to select a tab and choose a source. Press the CHECK/INFO key to select the source as follows:

2D Traditional Sonar	Select the 2D tab and select a 2D sonar source for the traditional sonar views.
Down Imaging®	Select the DI tab and select a Down Imaging sonar source.
Side Imaging®	Select the SI tab and select a Side Imaging sonar source.
MEGA Live Imaging	Select the Live tab and select the MEGA Live Imaging source.
MEGA 360 Imaging	Select the 360 tab and select the MEGA 360 Imaging source.
Temperature Data	Select a Temperature tab and select a temperature source or use the default temperature source.
GPS Receiver/Heading Sensor	Select the GPS tab and select the sensor that is attached to the control head. The type will be listed as Ext (externally connected).

A checkmark will display in the box to show it is selected.

Selecting the MEGA Live Imaging Transducer



NOTE: If the control head is not capable of displaying a certain frequency from a transducer on the network, NONE will be displayed in the beam frequency column in the Network Source Setup dialog box.

NOTE: The availability of beams is determined by the type of transducer that is connected to the control head and your Humminbird model. If a connected transducer is not displayed in the Network Source Setup dialog box, select the Main Menu > Sonar tab > Transducer Select or Connected Transducer, and set the transducer type.

NOTE: If you have questions about which transducers are compatible with your control head, visit our Web site at **humminbird.com** or contact Humminbird Technical Support through our Help Center at h**ttps://humminbird-help.johnsonoutdoors.com/hc/en-us**.

3. **Close:** Press the EXIT key until the dialog box is closed.

Set Deployment Depth and Installation Type

This section will guide you through the following control head setup instructions:

- Setting the Installation Depth
- Selecting Port or Starboard Depth
- Setting the AHRS
- Selecting the Landscape Orientation type (for Landscape Mode only)

Change the MEGA Live Installation Settings

If the position of objects on the display are slightly different than what you observe in the environment around you, use these menu options to adjust the display and correct the alignment. See the ***MEGA Live Imaging Installation Guide*** for more information.

APEX/SOLIX Series

1. Press the HOME key.
2. Select Settings.
3. Select CHIRP Sonar.
4. Under MEGA Live, tap a menu option or use the Joystick to select it. Adjust the setting using the touch screen or keys, as follows:

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the Accessories tab > MEGA Live > MEGA Live Installation.
3. Use the Cursor Control key to select an option from the submenu, and press the RIGHT or LEFT Cursor keys to change the menu setting, as follows:

Installation Depth	Set the depth of the water from the surface to the MEGA Live Imaging transducer.
Port/Starboard Installation	Select your installation type.
Use AHRS	Set AHRS to Off, On or On Pitch and Roll. Turn AHRS ON to automatically select the orientation of the transducer (Down, Forward, or Landscape). Select On Pitch and Roll to stabilize the bottom on your sonar returns.

Start/Stop MEGA Live Imaging Operation

Use the instructions in this section to start and stop the MEGA Live Imaging pinging.

Start Pinging

The transducer deploys into the water with the trolling motor. You can then start pinging from the MEGA Live View or from the Menu System.

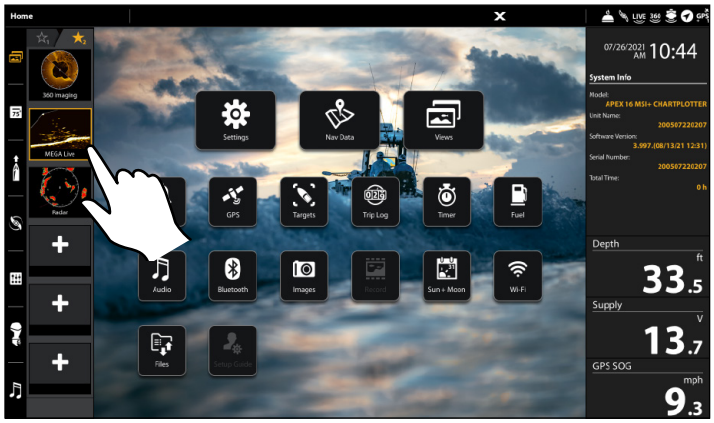
Start Pinging from a MEGA Live View

When a MEGA Live Imaging transducer is connected to the control head, the MEGA Live View will be automatically added to the view database.

APEX/SOLIX Series

1. Tap the view widget icon in the side bar.
2. Tap MEGA Live.

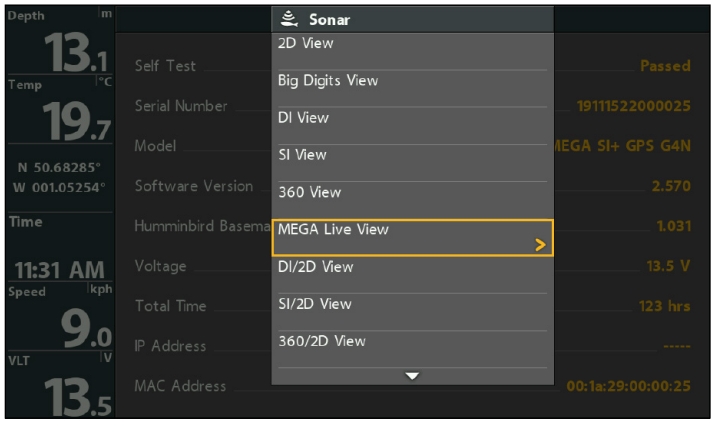
Pinging from a MEGA Live View (APEX)



HELIX Series

1. Press the VIEW key until a MEGA Live View or MEGA Live Combo View is displayed on the screen.

Pinging from a MEGA Live View (HELIX)

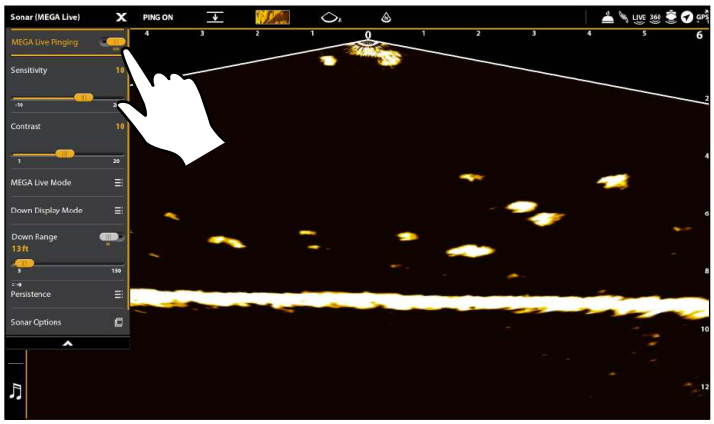


Start Pinging from the X-Press Menu

APEX/SOLIX Series

1. With a MEGA Live View or MEGA Live Combo View displayed on-screen, press the MENU key once, or tap Sonar (MEGA Live) on the status bar.
2. Tap MEGA Live Pinging or press the CHECK key.

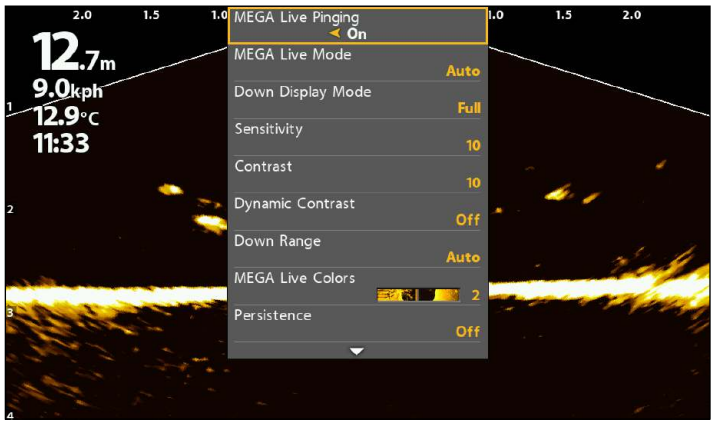
Pinging from an X-Press Menu (APEX)



HELIX Series

1. With a MEGA Live View or MEGA Live Combo View displayed on the screen, press the MENU key once.
2. Select MEGA Live Pinging, and press the RIGHT Cursor key to select On.

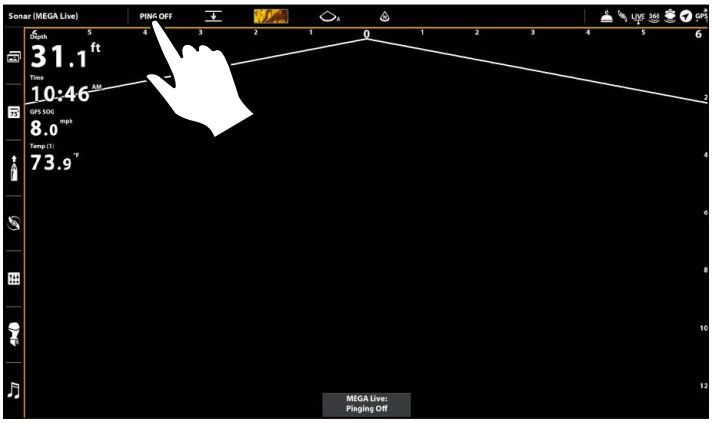
Pinging from an X-Press Menu (HELIX)



Start Pinging from the Status Bar (APEX and SOLIX only)

1. With a MEGA Live View or MEGA Live Combo View displayed on screen, tap PING OFF on the MEGA Live status bar.

Pinging On/Off from the Status Bar (APEX)



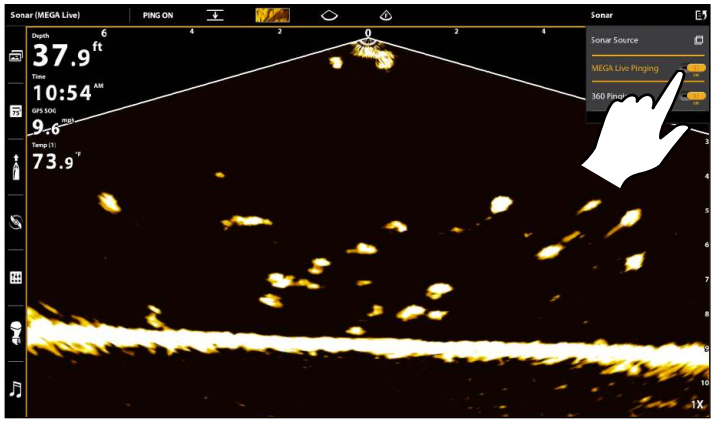
Start Pinging from the Power Submenu

You can also start pinging from the Power submenu.

APEX/SOLIX Series

1. Press the POWER key.
2. Tap Sonar.
3. Select MEGA Live Pinging. Tap the On/Off button, or press the ENTER key, to turn it on.

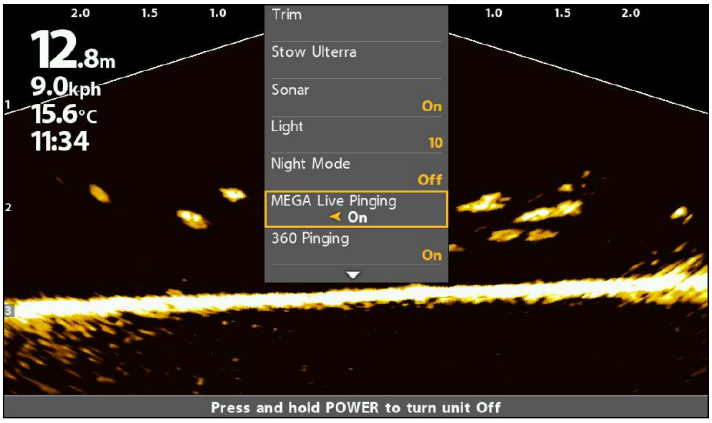
Pinging from the Power Submenu (APEX)



HELIX Series

1. Press the POWER key.
2. Select MEGA Live Pinging, and press the RIGHT Cursor key to select On.

Pinging from the Power Submenu (HELIX)



Stop Pinging

Stop Pinging from the X-Press Menu

APEX/SOLIX Series

1. With a MEGA Live View or MEGA Live Combo View displayed on-screen, press the MENU key once, or tap Sonar (MEGA Live) on the status bar.
2. Select MEGA Live Pinging. Tap the On/Off button, or press the ENTER key, to turn it off.

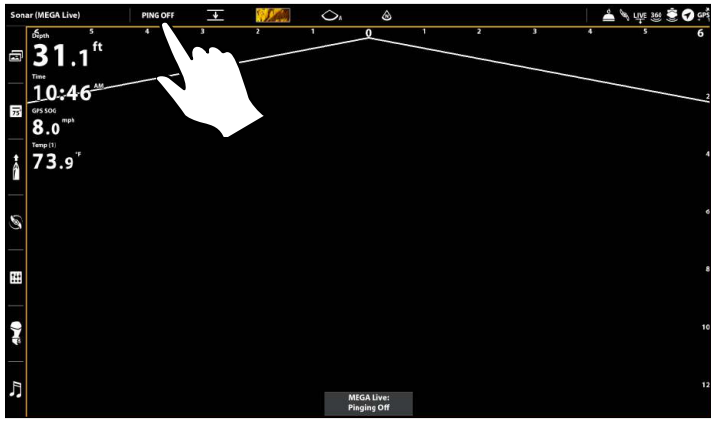
HELIX Series

1. With a MEGA Live View or MEGA Live Combo View displayed on the screen, press the MENU key once.
2. Select MEGA Live Pinging, and press the LEFT Cursor key to select Off.

Stop Pinging from the Status Bar (APEX/SOLIX only)

1. With a MEGA Live View or MEGA Live Combo View displayed on the screen, tap PING ON on the MEGA Live status bar.

Pinging On/Off from the Status Bar (APEX)



Stop Pinging from the Power Submenu

APEX/SOLIX Series

1. Press the POWER key.
2. Tap Sonar.
3. Select MEGA Live Pinging. Tap the On/Off button, or press the ENTER key, to turn it off.

HELIX Series

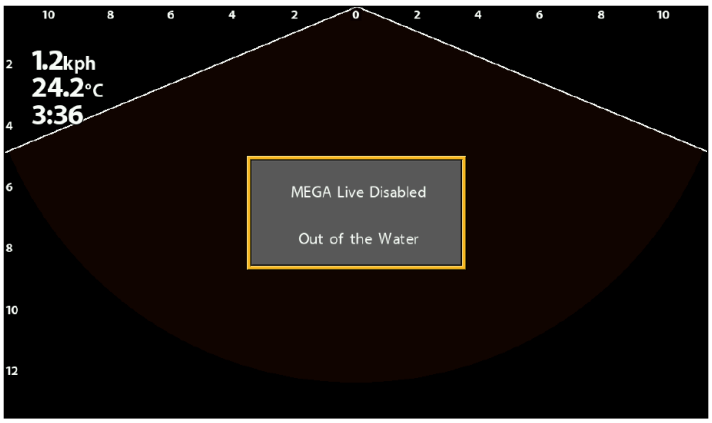
1. Press the POWER key.
2. Select MEGA Live Pinging, and press the LEFT Cursor key to select Off.

Wet Switch

The MEGA Live wet switch automatically stops MEGA Live pinging while the transducer is out of the water in order to prevent wear and tear. Your control head will display the following message: MEGA Live Disabled Out of the Water.

Out of the Water Notification (APEX)

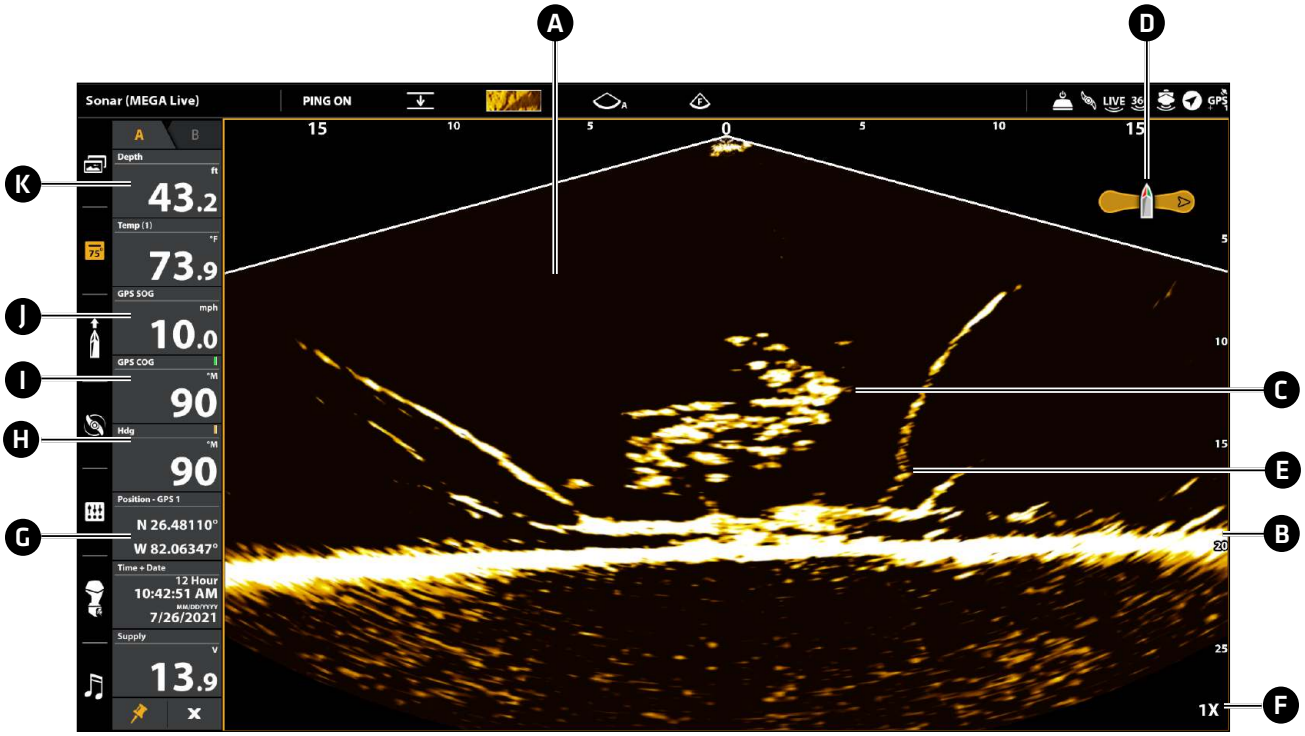
Out of the Water Notification (HELIX)



What's on the MEGA Live Imaging Display

MEGA Live Imaging uses its unique transducer to provide an unobstructed view of the water in front of, around, and below your boat. The high-definition beams produce the detailed sonar data that you see on the display. MEGA Live Imaging reveals a variety of recognizable features so that you can interpret the structure and bottom contour, and the following items in this illustration.

NOTE: Available features depend on your MEGA Live model. You may have more features than illustrated below. See ***MEGA Live TargetLock*** for more information.



A **Water Column:** Shows the relative depth of the water under the boat at a given time. Variations in the width of the water column show variations in the distance to the bottom as the boat passes over.

B **Bottom Return**

C **Fish**

D **Boat Icon:** The boat icon shows the orientation of the transducer relative to the boat (GPS heading sensor required).

E **Structure:** Cover where fish may be hiding.

F **Zoom Level**

G **Position:** The boat's current latitude/longitude location determined by GPS.

H **Heading:** The boat's heading measured in degrees from North, where 000° is North, 090° is East, 180° is South, and 270° is West (compass/heading sensor required).

I **Course:** The current direction the boat is traveling measured in degrees from North, where 000° is North, 090° is East, 180° is South, and 270° is West (GPS required).

J **Speed:** The measurement of the boat's progress across a given distance (GPS required).

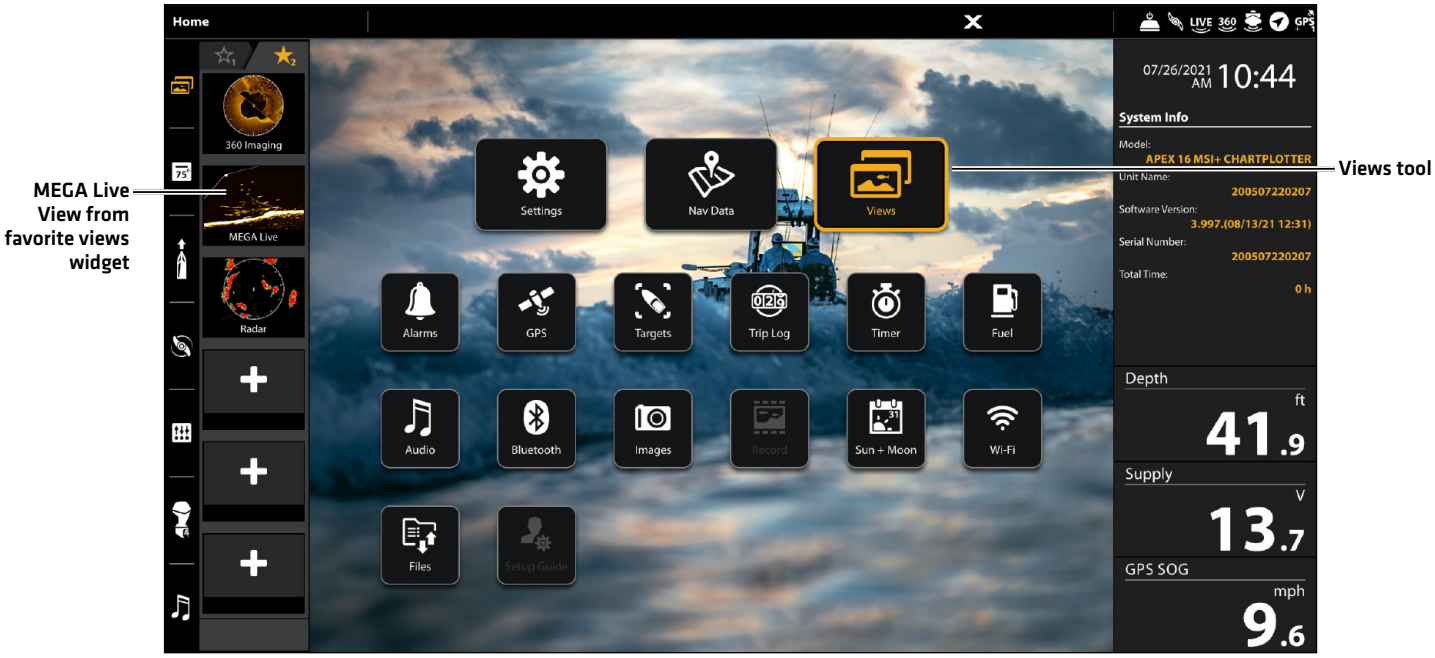
K **Depth:** The depth of the water as provided by another attached transducer (see ***Set Up MEGA Live on the Network***).

MEGA Live Imaging Views

APEX/SOLIX Series Views

When the MEGA Live Imaging transducer is set up on the control head, the MEGA Live View is added to the Favorite Views widget, and additional combo views are available from the Views tool.

View Options (APEX)



Display a View from the Views Tool

The Views tool includes the complete database of available views for your control head. Use the Views tool to create a new view and edit a view.

1. Press the HOME key.
2. Select the Views tool.
3. Select a Group. To see all available views, select All.
4. Tap the View.

   OR

   Use the Joystick to select a view. Press the ENTER key to display it on-screen.

Display a View from the Favorite Views Widget

1. Tap the views widget icon in the side bar.
2. Tap a view to display.

   OR

1. Press the Rotary dial.
2. Use the Joystick to select a view to display. Press the ENTER key.

Create a New View

Follow the instructions below to create a new view from a blank template.

1. Press the HOME key.
2. Select the Views tool.
3. Select New View.
4. See your control head operations manual for more information on how to rename the view, edit the layout, add applications, display digital readouts, and more.

View Options

The View Options menu provides options to edit the selected view. You can open the View Options menu from the on-screen view or from the Views tool on the Home screen.

1. With a view displayed on-screen, press the MENU key.
2. Select View Options.

   OR

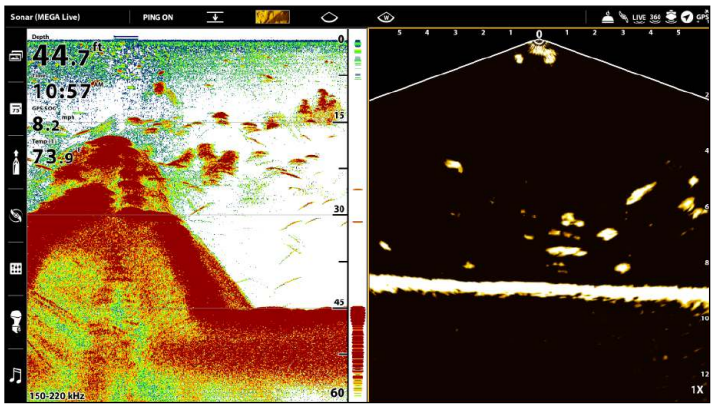
1. Press the HOME key.
2. Select the Views tool.
3. Use the Joystick to select a view. Press the MENU key.

Split Position Views

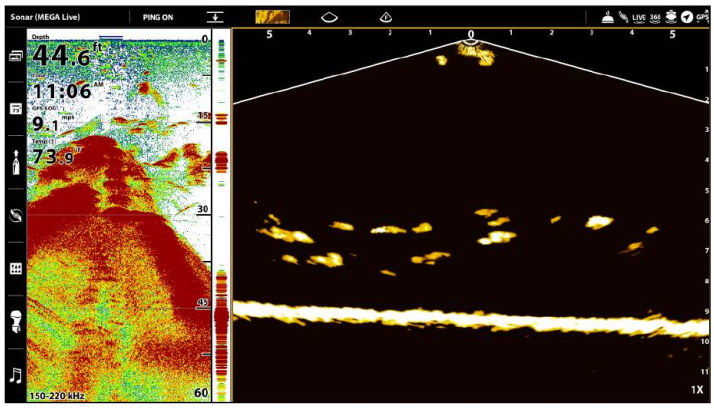
With a MEGA Live Combo View on-screen, the View Options menu gives you the option for each pane to fill 50 percent of the screen, or for one pane to fill 30 percent and the other to fill 70 percent.

1. From the View Options menu, select Split Position.
2. Tap, or use the Joystick and ENTER key, to select an option.

50/50 Split Position (APEX)



30/70 Split Position (APEX)



HELIX Series Views

When the MEGA Live Imaging transducer is set up on the control head, the MEGA Live View is added to the View Rotation.

NOTE: The available views will depend on your control head model and the beams you've selected in the Network Source Setup dialog box. See ***Set Up MEGA Live on the Network*** for details.

Next View: Press the VIEW key to advance to the next view in the View Rotation. Press the VIEW key repeatedly until the view you want to use is displayed on the screen.

Previous View: Press the EXIT key to see the previous view in the View Rotation. Press the EXIT key repeatedly until the view you want to use is displayed on the screen.

Save a View: Press and hold a VIEW PRESET key to save a shortcut to the on-screen view. You can save one view on each VIEW PRESET key. Press the VIEW PRESET key to quickly return to the view at any time.

Views X-Press Menu: Press and hold the VIEW key. Use the Cursor Control key to select a view category (Sonar, Chart, System, NMEA 2000, Radar) and a view. The Views X-Press Menu allows you to quickly access a view instead of scrolling through the View Rotation.

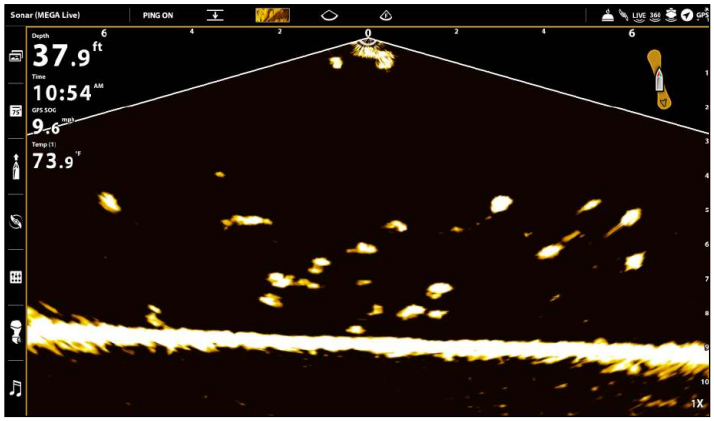
MEGA Live View

The MEGA Live View allows you to see the MEGA Live Imaging data on the full screen.

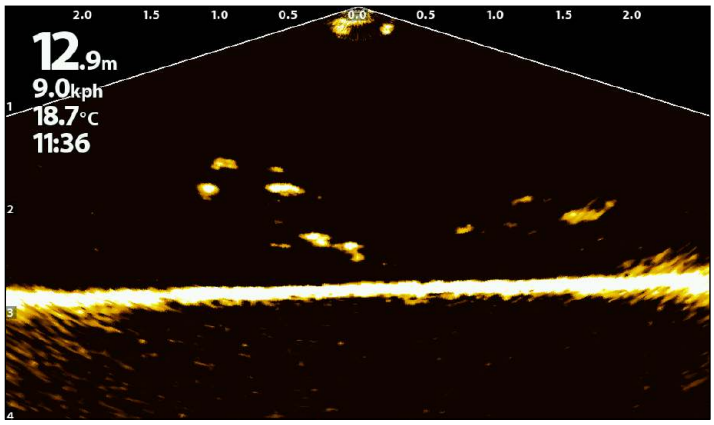
MEGA Live X-Press Menu	The X-Press Menu allows you to start or stop pinging, adjust the beam range, change the color, and customize the display. **APEX/SOLIX:** Tap Sonar (MEGA Live) in the status bar or press the MENU key once. **HELIX:** Press the MENU key once.
Cursor and Zoom	**APEX/SOLIX:** Use the Joystick to move the cursor over a sonar return. Press the +ZOOM key or pinch and drag with your fingers to magnify the view. **HELIX:** Use the Cursor Control key to display the cursor and move it over a sonar return. Press the +ZOOM key to magnify the View. Press the EXIT key to remove the Cursor. See ***Zoom In/Out*** for more information.
Mark and Display Waypoints	You can mark and display waypoints on the MEGA Live View when your MEGA Live is in Landscape Mode. See ***Mark and Display Waypoints***.
Digital Readouts	Digital Readout data can be displayed on-screen as an overlay or in data boxes. **APEX/SOLIX:** To change the overlay displayed on the screen, press the MENU key once, or tap Sonar (MEGA Live) in the status bar, and then select View Options > Data Overlays. To change a data bar, press the PANE key once and select the type of data bar to display from the side bar. To keep the data bar displayed on the view, tap the pin icon at the bottom of the data bar. Press and hold a data box to edit it. **HELIX:** To change the readouts that are displayed on the MEGA Live View, select the Main Menu > Setup tab > Select Edit Data Boxes. Use the Cursor Control key to select a data box position and set the information that will be displayed in each digital readout window.

NOTE: Digital readouts may change with the selected view, attached accessories, and whether or not the control head is navigating. See your control head operations manual for details.

MEGA Live View (APEX)



MEGA Live View (HELIX)

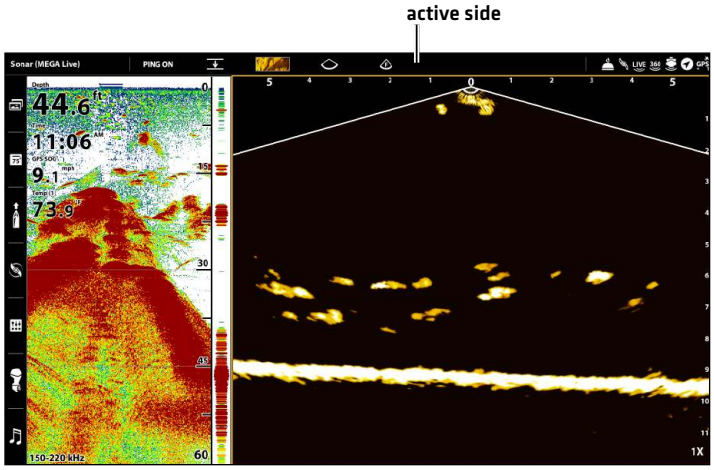


MEGA Live/2D Sonar Combo View

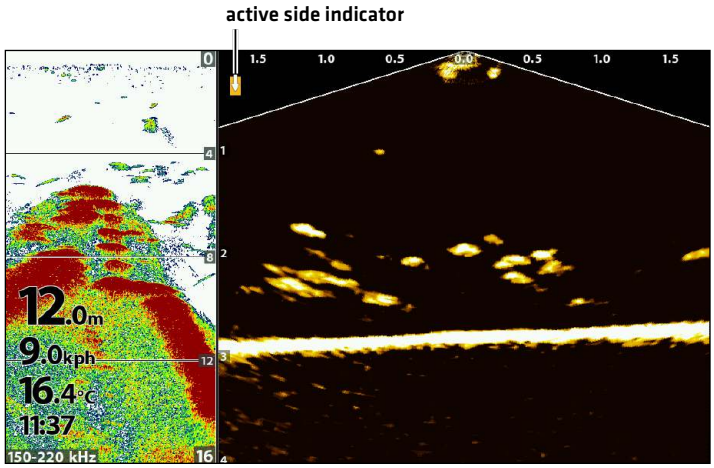
The MEGA Live/2D Sonar Combo View shows sonar information and MEGA Live Imaging information in a combination split screen, where the 2D Sonar View is displayed on the left and the MEGA Live View is displayed on the right.

Active Side	**APEX/SOLIX:** The selected pane is outlined in yellow. Tap a pane or press the PANE key to select a pane. **HELIX:** The arrow points to the active side. Press the MENU key once and select Active Side from the X-Press Menu. Choose RIGHT or LEFT to set the active side.
X-Press Menu	After you set the Active Side, press the MENU key once to open the X-Press Menu. The X-Press Menu provides menu options for the active view. **NOTE:** On APEX and SOLIX, you can also access the X-Press Menu by tapping the menu in the status bar.
Sonar	Use the 2D traditional Sonar View with the MEGA Live View to maximize your sonar data.

MEGA Live/Sonar View (APEX)



MEGA Live/Sonar View (HELIX)



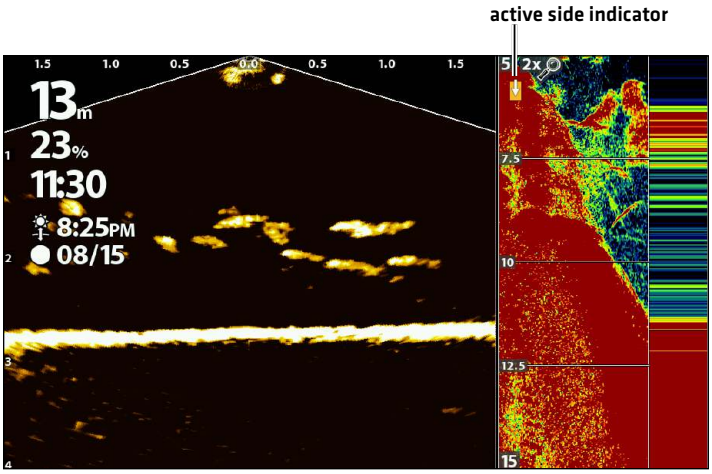
MEGA Live/2D Zoom Combo View (compatible HELIX models in Ice Fishing Mode only)

The MEGA Live/2D Zoom Combo View shows sonar information and MEGA Live Imaging information in a combination split screen, where the 2D Sonar View is displayed on the right and the MEGA Live View is displayed on the left.

NOTE: If you have a compatible model and want to use it for ice fishing, Ice Fishing Mode must be turned on. See your control head operations guide for more information.

Active Side	The arrow points to the active side. Press the MENU key once and select Active Side from the X-Press Menu. Choose RIGHT or LEFT to set the active side.
X-Press Menu	After you set the Active Side, press the MENU key once to open the X-Press Menu. The X-Press Menu provides menu options for the active view.
Sonar	Use the 2D Zoom Sonar View with the MEGA Live View for a closer look at your 2D sonar data.

MEGA Live/2D Zoom View (HELIX)



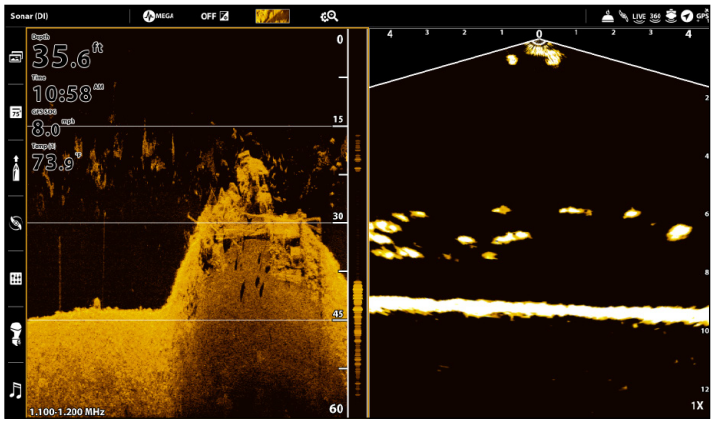
MEGA Live/Down Imaging Combo View

The MEGA Live/Down Imaging Combo View shows Down Imaging sonar information and MEGA Live Imaging information in a combination split screen, where the Down Imaging View is displayed on the left and the MEGA Live View is displayed on the right.

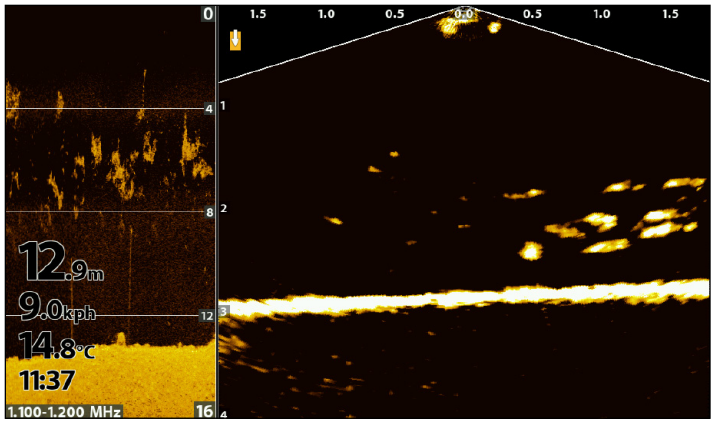
NOTE: This view is not available as a default view on APEX and SOLIX models. To create a custom MEGA Live/Down Imaging Combo View on an APEX or SOLIX, see ***APEX/SOLIX Series Views: Create a New View***.

Active Side	APEX/SOLIX: The selected pane is outlined in yellow. Tap a pane or press the PANE key to select a pane. HELIX: The arrow points to the active side. Press the MENU key once and select Active Side from the X-Press Menu. Choose RIGHT or LEFT to set the active side.
X-Press Menu	After you set the Active Side, press the MENU key once to open the X-Press Menu. The X-Press Menu provides menu options for the active view. **NOTE:** On APEX and SOLIX, you can also access the X-Press Menu by tapping the menu in the status bar.
Sonar	Use the Down Imaging Combo View with the MEGA Live View to highlight the bottom contour, structure and fish.

MEGA Live/Down Imaging View (APEX)



MEGA Live/Down Imaging View (HELIX)



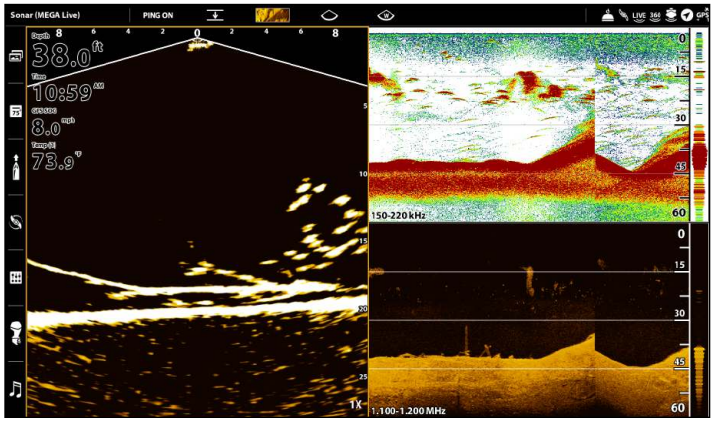
MEGA Live/2D Sonar/Down Imaging Combo View

The MEGA Live/2D Sonar/Down Imaging Combo View shows sonar information and MEGA Live Imaging information in a combination split screen.

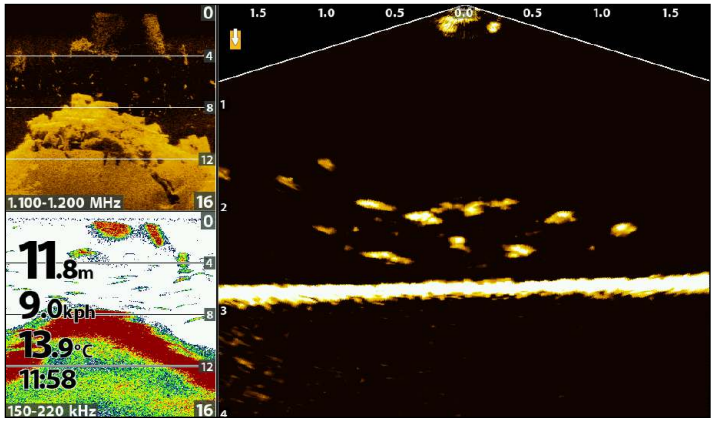
NOTE: This view is not available as a default view on APEX and SOLIX models. To create a custom MEGA Live/2D Sonar/Down Imaging Combo View on an APEX or SOLIX, see ***APEX/SOLIX Series Views: Create a New View***.

Active Side	APEX/SOLIX: The selected pane is outlined in yellow. Tap a pane or press the PANE key to select a pane. HELIX: The arrow points to the active side. Press the MENU key once and select Active Side from the X-Press Menu. Choose RIGHT or LEFT to set the active side.
X-Press Menu	After you set the Active Side, press the MENU key once to open the X-Press Menu. The X-Press Menu provides menu options for the active view. **NOTE:** On APEX and SOLIX, you can also access the X-Press Menu by tapping the menu in the status bar.
Sonar	Use the 2D Sonar/Down Imaging Combo View with the MEGA Live View to maximize your sonar data and highlight the bottom contour, structure and fish.

MEGA Live/2D/DI View (APEX)



MEGA Live/2D/DI View (HELIX)

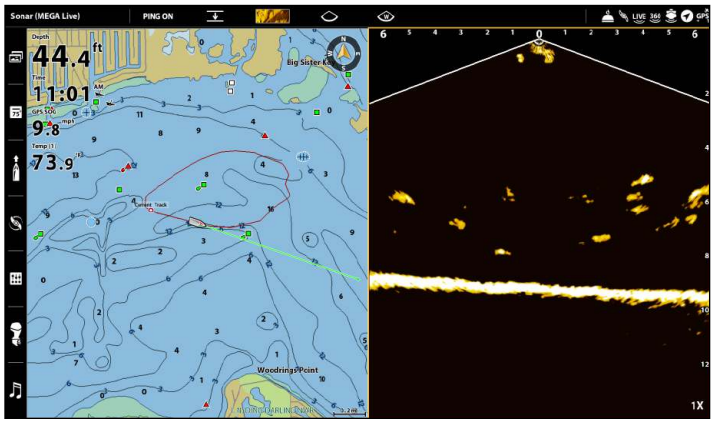


MEGA Live/Chart Combo View

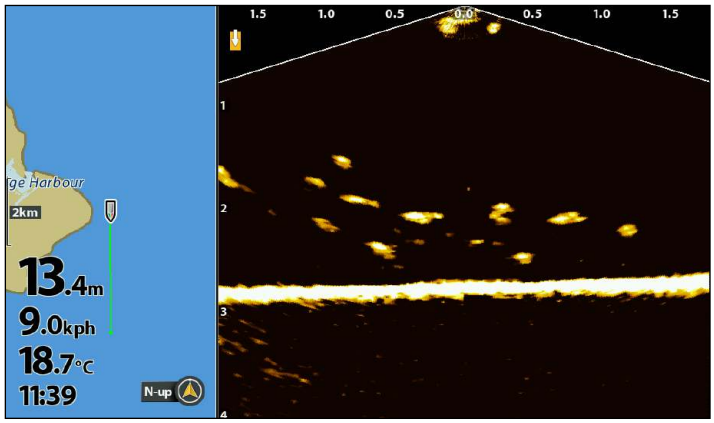
The MEGA Live/Chart Combo View shows chart information and MEGA Live Imaging sonar information in a combination split screen, where the Chart View is displayed on the left and the MEGA Live View is displayed on the right.

Active Side	**APEX/SOLIX:** The selected pane is outlined in yellow. Tap a pane or press the PANE key to select a pane. **HELIX:** The arrow points to the active side. Press the MENU key once and select Active Side from the X-Press Menu. Choose RIGHT or LEFT to set the active side.
X-Press Menu	After you set the Active Side, press the MENU key once to open the X-Press Menu. The X-Press Menu provides menu options for the active view. **NOTE: On APEX and SOLIX, you can also access the X-Press Menu by tapping the menu in the status bar.**
Navigation	Use the Chart View with the MEGA Live View to determine the position of structure and fish. To mark waypoints on the MEGA Live View, see ***Mark and Display Waypoints***.

MEGA Live/Chart View (APEX)



MEGA Live/Chart View (HELIX)

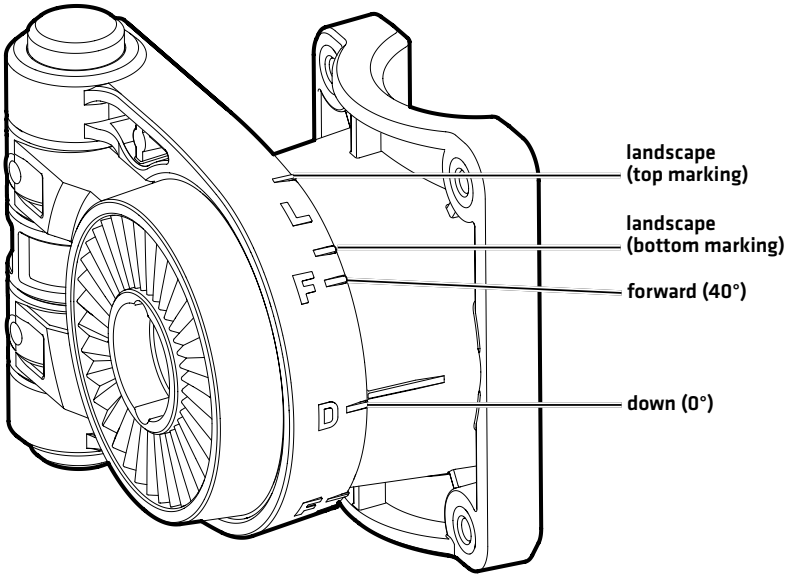


Change the MEGA Live Mode

Understanding the MEGA Live Modes

When you change the MEGA Live Mode, you are changing the angle of your transducer. In Down Mode, your transducer is at 0°. As you rotate the mount by hand (see your ***MEGA Live Imaging Installation Guide*** for more information), each "click" upwards raises your transducer angle by 10°, up to a maximum of 60°. In Landscape Mode, use higher angles (top marking) for shallow water and lower angles (bottom marking) for deeper water.

MEGA Live Mode Guides



Change the MEGA Live Mode

Your control head will automatically select the best mode for your installation. Use the following instructions to manually change the MEGA Live Mode to Down, Forward, or Landscape.

Change the MEGA Live Mode from a MEGA Live View

APEX/SOLIX Series

1. With a MEGA Live View or MEGA Live Combo View displayed on-screen, press the MENU key once, or tap Sonar (MEGA Live) on the status bar.
2. Select MEGA Live Mode.
3. Select Auto. Tap the on/off button, or press the ENTER key, to turn Auto off.
4. Select a MEGA Live mode. Tap, or press the enter key, to enable it.

   When you manually change the MEGA Live Mode, a dialog box will display reminding you to also change the transducer's installation orientation. For instructions on changing the installation orientation, see your ***MEGA Live Imaging Installation Guide*** or visit our Web site at humminbird.com.

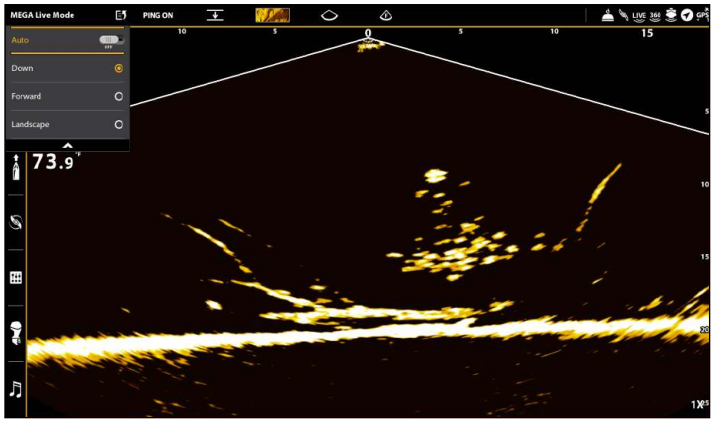
QUICK TIP! You can also change this setting by tapping the MEGA Live Mode icon in the status bar.

HELIX Series

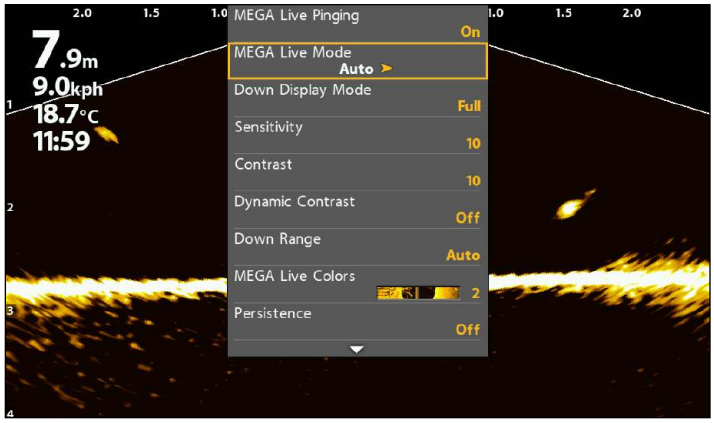
1. **X-Press Menu:** With a MEGA Live Imaging View displayed on-screen, press the MENU key once.
2. Select MEGA Live Mode.
3. Press the RIGHT or LEFT Cursor Keys to select a mode.
4. **Close:** Press the EXIT key.

   When you manually change the MEGA Live Mode, a dialog box will display reminding you to also change the transducer's installation orientation. For instructions on changing the installation orientation, see your ***MEGA Live Imaging Installation Guide*** or visit our Web site at humminbird.com.

Selecting a MEGA Live Mode (APEX)



Selecting a MEGA Live Mode (HELIX)

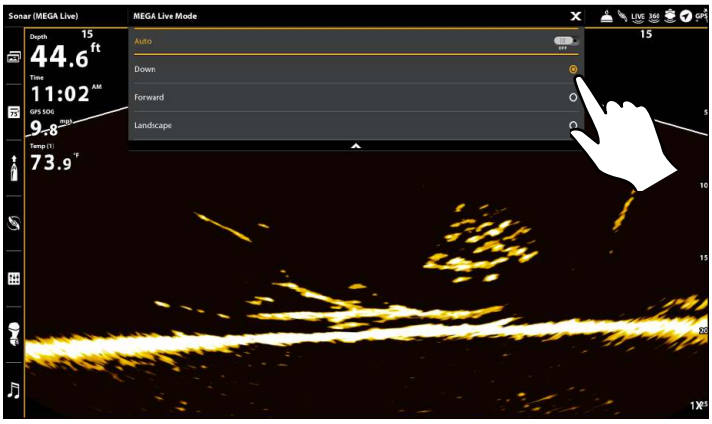


Change the MEGA Live Mode from the Status Bar (APEX and SOLIX only)

1. With a MEGA Live View or MEGA Live Combo View displayed on screen, tap the MEGA Live Mode icon in the status bar.
2. Select Auto. Tap the on/off button, or press the ENTER key, to turn Auto off.
3. Select a MEGA Live mode. Tap, or press the enter key, to enable it.

   When you manually change the MEGA Live Mode, a dialog box will display reminding you to also change the transducer's installation orientation. For instructions on changing the installation orientation, see your ***MEGA Live Imaging Installation Guide*** or visit our Web site at **humminbird.com**.

Pinging On/Off from the Status Bar (APEX)



Set the Display Mode

When using your transducer in Down or Forward Mode, you can set the width of the data displayed in Down Mode or select the angle used for Forward mode.

APEX/SOLIX Series

1. With a MEGA Live View or MEGA Live Combo View displayed on-screen, press the MENU key once, or tap Sonar (MEGA Live) on the status bar.
2. Select Down Display Mode or Forward Display Mode. Tap, or use the Joystick and ENTER key, to select a setting.

HELIX Series

1. With a MEGA Live View or MEGA Live Combo View displayed on the screen, press the MENU key once.
2. Select Down Display Mode or Forward Display Mode. Press the RIGHT or LEFT Cursor key to adjust the setting.

Down Display Mode	**Narrow:** Select Narrow to see only the data directly under the transducer. **Full:** Select Full to reveal more information than Narrow. **Wide:** Select Wide to display the maximum information available from the MEGA Live beam width.
Forward Display Mode	Select the angle of your transducer (see ***Understanding the MEGA Live Modes*** for more information), or select Auto for your control head to select the best angle for you.

Change the MEGA Live View Display Settings

Use the following instructions to change how the MEGA Live View is displayed.

Some of the menu options in this section may be displayed in other parts of the menu system so that you can access them quickly. No matter where you make the change, the control head will update the setting across the system.

Change the View Color

Change the Color Palette

The MEGA Live Imaging X-Press Menu allows you to quickly change the display palette while you fish.

NOTE: The palette you choose will be applied to all Mega Live Views in the View database.

APEX/SOLIX Series

1. **X-Press Menu:** With a MEGA Live View or MEGA Live Combo View displayed on-screen, press the MENU key once, or tap Sonar (MEGA Live) on the status bar.
2. Select Sonar Options > Preferences > MEGA Live Colors.
3. Tap a sonar color palette, or use the Joystick to select a palette.
4. **Close:** Tap the X icon.

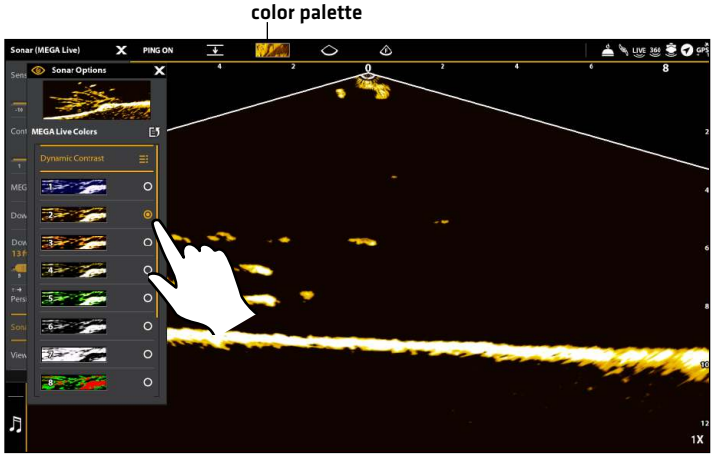
QUICK TIP! You can also change this setting by tapping the color palette icon in the status bar.

NOTE: When Global is turned on in the Sonar Options menu, the selected menu setting on the control head is shared with other control heads in the network.

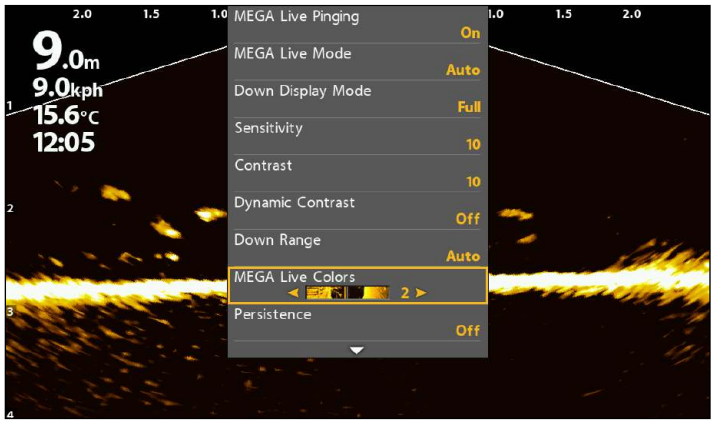
HELIX Series

1. **X-Press Menu:** With a MEGA Live Imaging View displayed on-screen, press the MENU key once.
2. Select MEGA Live Colors.
3. Press the RIGHT or LEFT Cursor Keys to select a palette.
4. **Close:** Press the EXIT key.

Adjusting the Color (APEX)



Adjusting the Color (HELIX)



Turn On/Off Dynamic Contrast

Dynamic Contrast automatically enhances the contrast of the selected color palette.

APEX/SOLIX Series

1. **X-Press Menu:** With a MEGA Live View or MEGA Live Combo View displayed on-screen, press the MENU key once, or tap Sonar (MEGA Live) on the status bar.
2. Select Sonar Options > Preferences > MEGA Live Colors.
3. Select Dynamic Contrast.
4. Tap, or use the Joystick and enter key, to select an option.
5. **Close:** Tap the X icon.

QUICK TIP! You can also change this setting by tapping the color palette icon in the status bar.

NOTE: When Global is turned on in the Sonar Options menu, the selected menu setting on the control head is shared with other control heads in the network.

HELIX Series

1. **X-Press Menu:** With a MEGA Live Imaging View displayed on-screen, press the MENU key once.
2. Select Dynamic Contrast.
3. Press the RIGHT or LEFT Cursor Keys to select an option.
4. **Close:** Press the EXIT key.

Adjust Sensitivity, Contrast and Range

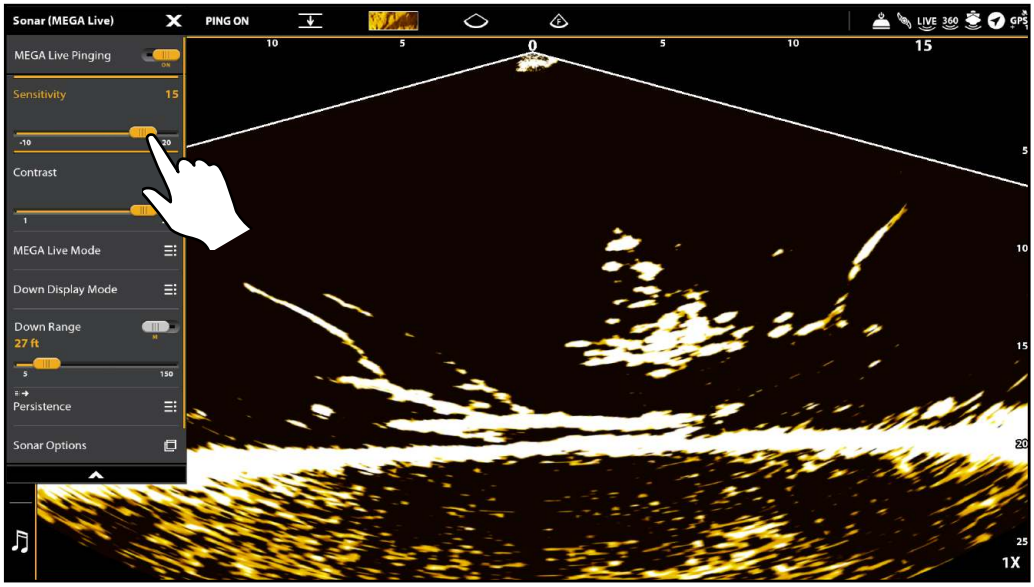
APEX/SOLIX Series

The X-Press Menu provides menu options to adjust the sensitivity, contrast and range as you fish.

1. With a MEGA Live View displayed on-screen, tap Sonar (MEGA Live) in the status bar, or press the MENU key once.
2. Select Sensitivity, Contrast, or Range.
3. Press and hold the slider, or turn the Rotary dial, to adjust the setting.

Sensitivity	Sensitivity controls how much detail is shown on the display and will adjust the sensitivity of all sonar frequencies. Decrease the sensitivity to eliminate the clutter from the display that is sometimes present in murky or muddy water. When operating in very clear water or greater depths, increase the sensitivity to see weaker returns that may be of interest.
Contrast	Adjust the Contrast setting to accent the light and dark parts of the MEGA Live Imaging data to provide greater definition. **When Dynamic Contrast is turned on,** the contrast will be automatically adjusted.
Range	Range controls how far the MEGA Live Imaging beams will ping. Select a low range number to focus on a shorter distance and see greater detail on the screen. Select a higher range number to see farther and see an overview of details on the screen. **QUICK TIP!** You can also change this setting by tapping the Range icon in the status bar or by using the ZOOM In and ZOOM Out keys. **NOTE:** Your MEGA Live Mode (Down, Forward, Landscape) determines the Range options available in the X-Press Menu.

MEGA Live Contrast and Sensitivity (APEX)



NOTE: The Sensitivity and Contrast are set high in the above illustration. The high Sensitivity setting displays more weak returns on the display, and the high Contrast setting shows more definition between the light and dark returns.

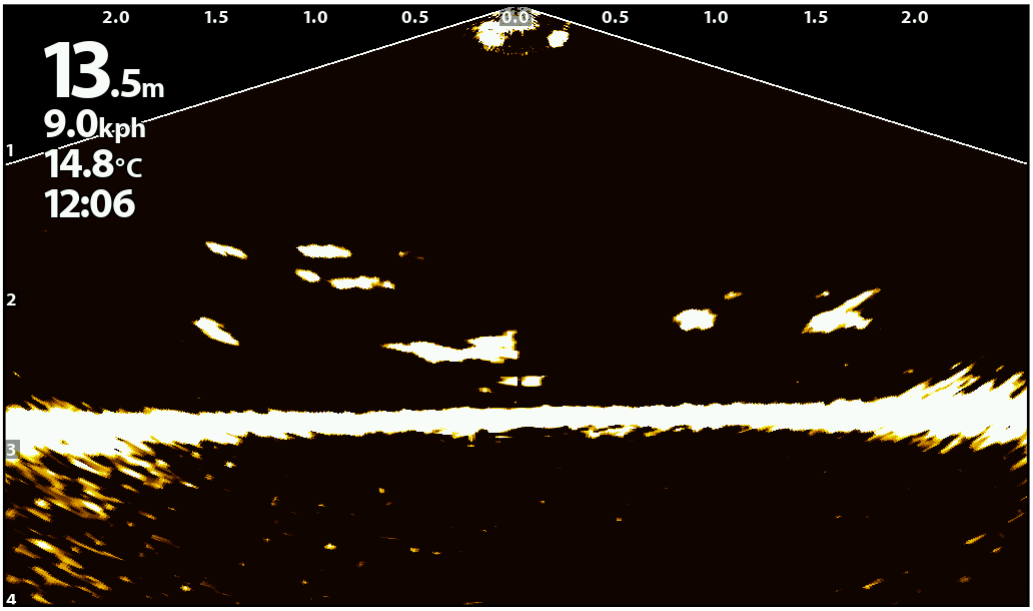
HELIX Series

The X-Press Menu provides menu options to adjust the sensitivity, contrast and range as you fish. The display will update as you adjust each category.

1. **X-Press Menu:** With a MEGA Live View or a Combo View displayed on the screen, press the MENU key once.
2. Use the Cursor Control key to select and adjust the following settings:

Sensitivity	Controls how much detail is shown on the display. When operating in very clear water or greater depths, increase the sensitivity to show weaker returns that may be of interest. Decrease the sensitivity to eliminate the clutter from the display that is sometimes present in murky or muddy water.
Contrast	Accents the light and dark parts of the MEGA Live Imaging data to provide greater definition. **When Dynamic Contrast is turned on,** the contrast will be automatically adjusted.
Range	Range controls how far the MEGA Live Imaging beams will ping. Select a low range number to focus on a shorter distance and see greater detail on the screen. Select a higher range number to see farther and see an overview of details on the screen. **NOTE:** Your MEGA Live Mode (Down, Forward, Landscape) determines the Range options available in the X-Press Menu.

MEGA Live Contrast and Sensitivity (HELIX)



NOTE: The Sensitivity and Contrast are set high in the above illustration. The high Sensitivity setting displays more weak returns on the display, and the high Contrast setting shows more definition between the light and dark returns.

Turn On/Off Persistence

When Persistence is turned on, your sonar returns will include a history of where moving objects have been, shown as a "trail" of movement. Set Persistence to low for a shorter trail or to High for a longer trail.

APEX/SOLIX Series

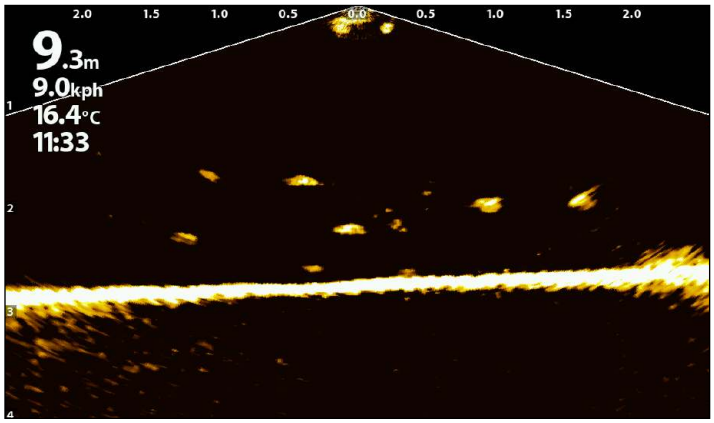
1. **X-Press Menu:** With the MEGA Live View displayed on-screen, press the MENU key once, or tap Sonar (MEGA Live) on the status bar.
2. Select Sonar Options > Preferences > Persistence.
3. Select Persistence. Tap the On/Off button, or press the ENTER key, to turn it on/off.
4. Tap, or use the Joystick and ENTER key, to select a Persistence level (Low, Medium or High).
5. **Close:** Tap the X icon.

NOTE: When Global is turned on in the Sonar Options menu, the selected menu setting on the control head is shared with other control heads in the network.

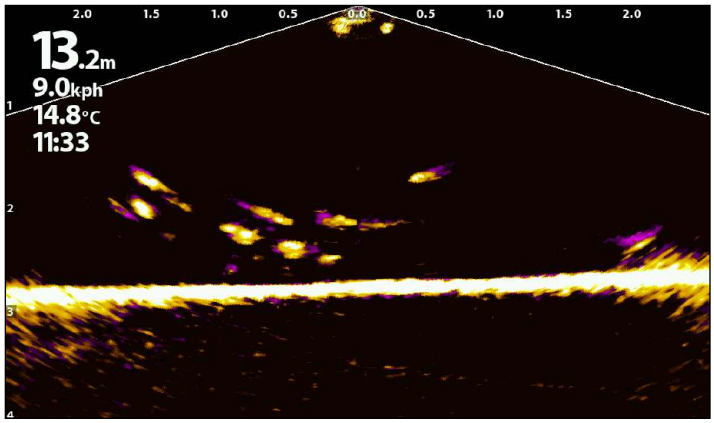
HELIX Series

1. **X-Press Menu:** With a MEGA Live Imaging View displayed on-screen, press the MENU key once.
2. Select Persistence.
3. Press the RIGHT or LEFT Cursor Keys to turn it on/off and to select a Persistence level (Low, Medium or High).
4. **Close:** Press the EXIT key.

Persistence OFF (HELIX)



Persistence ON (Low) (HELIX)



Turn On/Off Interference Rejection

If interference appears on the sonar views from sources such as other networked sonar devices, use Interference Rejection to limit the interference.

APEX/SOLIX Series

1. Press the HOME key.
2. Select Settings.
3. Select CHIRP Sonar.
4. Under MEGA Live, select Interference Rejection. Tap the on/off button, or press the ENTER key, to turn it on/off.
5. Press and hold the slider, or press and hold the ENTER key, to adjust the setting, where 1 is the lowest filter and 3 filters the most interference.

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the Accessories tab > MEGA Live > Interference Rejection.
3. Use the RIGHT or Left Cursor keys to select a filter setting, where Low is the lowest filer and High filters the most interference.

   Off: removes all filtering.

Turn On/Off Overlays

APEX/SOLIX Series

Use the Overlays submenu to display or hide information on the view. In the MEGA Live View, you can display the following: boat icon, range intervals, min/max range, range grid, zoom label, waypoints, and cursor data.

1. **X-Press Menu:** With the MEGA Live View displayed on-screen, press the MENU key once, or tap Sonar (MEGA Live) on the status bar.
2. Select Sonar Options > Overlays.
3. Tap the menu, or use the Joystick to select an item, and add a check mark (check mark = visible, blank = hidden).
4. **Close:** Tap the X icon.

HELIX Series

Use the MEGA Live Menu and the X-Press Menu to display or hide information on the view. In the MEGA Live View, you can display the following: boat icon, waypoints, and range grid.

1. **Main Menu:** Press the MENU key twice.
2. Select the Accessories tab > MEGA Live.
3. Use the Cursor Control key to select an option from the submenu, and press the RIGHT or LEFT Cursor keys to change the menu setting, as follows:

Boat Icon	Select On to display the boat icon, or select Off to hide the boat icon.
Overlay Waypoints	Select On to display waypoint overlays on the view, or select Off to hide them.

4. **X-Press Menu:** With a MEGA Live Imaging View displayed on-screen, press the MENU key once.
5. Select Range Grid. Press the RIGHT or LEFT Cursor Key to turn it on/off.

Range Grid	Select On to display a grid over your sonar returns, or select Off to hide the grid.

Zoom In/Out

The ZOOM keys allow you to zoom in and out of a selected area based on the cursor position.

Activate the Cursor

APEX/SOLIX Series

1. Tap a position on the MEGA Live View.

   OR

   Move the Joystick.

HELIX Series

1. Use the Cursor Control key to move the cursor to a position on the MEGA Live View.
2. **Close:** Press the EXIT key to remove the Cursor.

Zoom In/Out

APEX/SOLIX Series

1. **Zoom In:** Tap the position twice (double tap).
2. **Zoom Out:** Tap the screen with two fingers once (single tap).

   OR

1. **Zoom In:** Touch the screen with two fingers and move them apart (pinch out).
2. **Zoom Out:** Touch the screen with two fingers and move them together (pinch in).

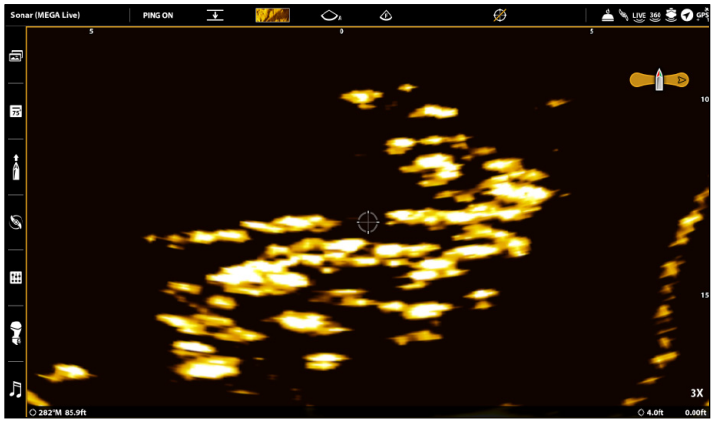
   OR

1. **Zoom In:** Press the +ZOOM key.
2. **Zoom Out:** Press the – ZOOM key.

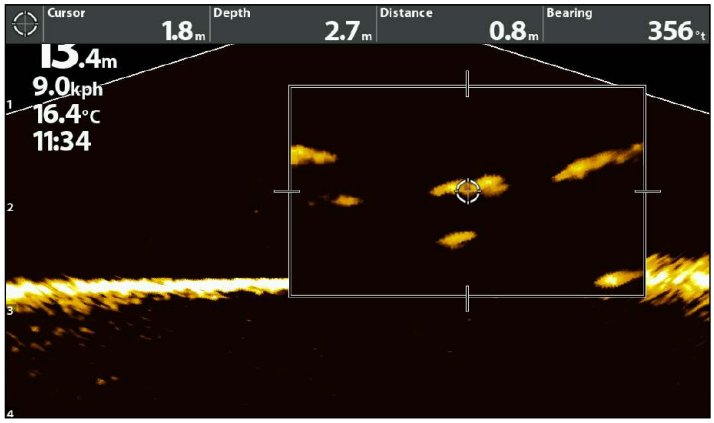
HELIX Series

1. **Zoom In:** Press the +ZOOM key.
2. **Zoom Out:** Press the -Zoom key.

Zooming In (APEX)



Zooming In (HELIX)



Mark and Display Waypoints

You can mark a waypoint directly on your Humminbird screen.

NOTE: Waypoints can be marked in any mode, but they can only be displayed in Landscape Mode.

You can use the following navigation functions in a MEGA Live View:

- Display Waypoints as they are marked on the view. Waypoints can be marked at the boat position or cursor position.
- In a MEGA Live/Chart Combo View, you can see where your boat is positioned in relation to a waypoint on the Chart View and in relation to underwater structure in the MEGA Live View (see ***MEGA Live Imaging Views*** for more information).

Mark a Waypoint

You can mark a waypoint at the boat position or the cursor position.

Mark a Waypoint at the Boat Position

APEX/SOLIX Series

1. Tap Sonar (MEGA Live) in the status bar.
2. Select Mark.
3. Select Waypoint.

   OR

1. Press the Mark key twice.

HELIX Series

1. Press the MARK key.

Mark a Waypoint at the Cursor Position

APEX/SOLIX Series

1. Press and hold a position on the MEGA Live View.
2. Select Waypoint.

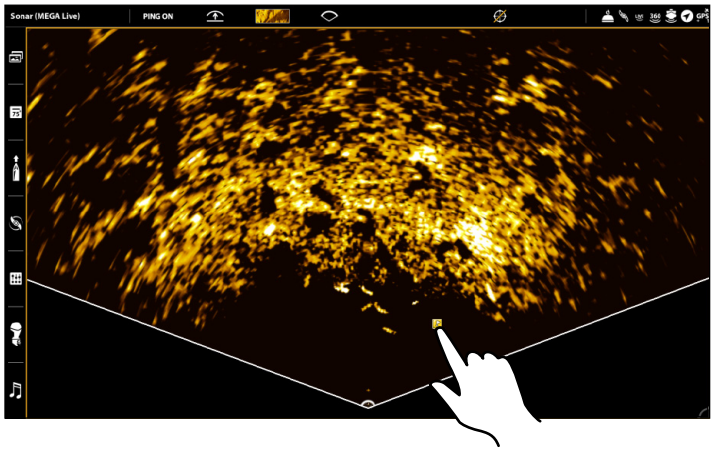
   OR

1. Use the Joystick to move the cursor to a position on the MEGA Live View.
2. Press the MARK key twice.

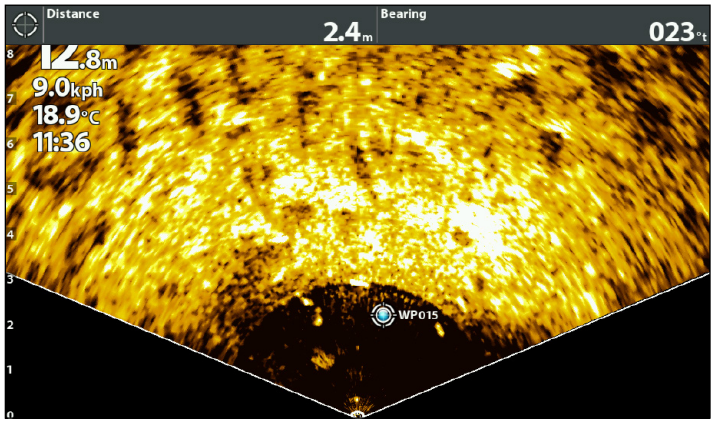
HELIX Series

1. Use the Cursor Control key to move the cursor to a position on the MEGA Live View.
2. Press the MARK key twice.

Marking a Waypoint - Cursor Position (APEX)



Marking a Waypoint - Cursor Position (HELIX)



Start and Stop Recording (HELIX models only)

The Recording feature records active sonar information.

NOTE: A microSD or SD card must be installed in the control head to use the Recording features.

Start Recording

APEX/SOLIX Series

1. Press the HOME key.
2. Select the Record tool.
3. Under Record Sonar, set up the sonar recording:

   Select Recording Sources, and select the beams to be recorded.

   Select Save Location, and select an installed SD card.
4. Select Start Recording.

NOTE: Other sonar sources cannot be recorded at the same time as MEGA Live.

HELIX Series

1. **X-Press Menu:** With a MEGA Live Imaging View displayed on-screen, press the MENU key once.
2. Select Record MEGA Live. Press the RIGHT Cursor key.
3. Select MEGA Live Recording Start. Press the RIGHT Cursor key to begin recording.

Stop Recording

APEX/SOLIX Series

1. Press the HOME key.
2. Select the Record tool.
3. Under Record Sonar, select Stop Recording.

HELIX Series

1. **X-Press Menu:** With a MEGA Live Imaging View displayed on-screen, press the MENU key once.
2. Select Record MEGA Live. Press the RIGHT Cursor key.
3. Select MEGA Live Recording Stop. Press the RIGHT Cursor key to stop recording.

Play a Recording

APEX/SOLIX Series

1. Press the HOME key.
2. Select the Record tool.
3. Tap the recording name, or use the Joystick to select it.
4. Select Start.

HELIX Series

1. **X-Press Menu:** With a MEGA Live Imaging View displayed on-screen, press the MENU key once.
2. Select Record MEGA Live. Press the RIGHT Cursor key.
3. Select MEGA Live Playback Select. Press the RIGHT Cursor key to select a recording to play.
4. Select MEGA Live Playback Start to begin playback.

Stop Playback

APEX/SOLIX Series

1. Tap the view name in the status bar or press the MENU key.
2. Select Sonar Playback.
3. Select Stop.

HELIX Series

1. **X-Press Menu:** With a MEGA Live Imaging View displayed on-screen, press the MENU key once.
2. Select Record MEGA Live. Press the RIGHT Cursor key.
3. Select MEGA Live Playback Stop. Press the RIGHT Cursor key.

Delete a Recording

APEX/SOLIX Series

1. Press the HOME key.
2. Select the Record tool.
3. Press and hold the recording name.
4. Select Delete.

HELIX Series

1. **X-Press Menu:** With a MEGA Live Imaging View displayed on-screen, press the MENU key once.
2. Select Record MEGA Live. Press the RIGHT Cursor key.
3. Select MEGA Live Playback Select. Press the RIGHT Cursor key to select a recording to delete.
4. Select MEGA Live Recording Delete. Press the RIGHT Cursor key.

MEGA Live TargetLock

With a connected MEGA Live Imaging TargetLock, you can control the movement of your transducer from your Humminbird control head, TargetLock foot pedal, or TargetLock remote. MEGA Live imaging TargetLock is independently mounted from the trolling motor shaft and provides full use of the motor.

Review the following table to understand the features available with your MEGA Live TargetLock:

Feature	Ultrex with i-Pilot 1.6	Ultrex with Link 3.0	Requirements
Steering Left/Right	✓	✓	MEGA Live Transducer connected to control head
TargetLock	✓	✓	Paired MEGA Live TargetLock heading sensor
Minn Kota Steer		✓	Compatible Link trolling motor connected to control head
Home	✓	✓	Connected Humminbird or Minn Kota heading sensor
Sweep	✓	✓	Connected Humminbird or Minn Kota heading sensor

Set Up Your MEGA Live Imaging TargetLock Devices

Pair the TargetLock Heading Sensor to the Control Head

Use the following instructions to pair the MEGA Live Imaging TargetLock heading sensor to the Humminbird control head.

APEX/SOLIX Series

1. Press the HOME key.
2. Select Settings > CHIRP Sonar > Pair TargetLock Heading Sensor.
3. On your TargetLock Heading Sensor, press the Pair button.
4. The control head and the TargetLock Heading Sensor will go into Pairing Mode.

   If 30 seconds pass while in Pairing Mode and they do not successfully pair, an error message will display signaling that the pairing has timed out. Repeat the procedure.

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the Accessories tab > MEGA Live > MEGA Live Installation.
3. Select Pair TL Heading Sensor, and press the RIGHT Cursor key.
4. On your TargetLock Heading Sensor, press the Pair button.
5. The control head and the TargetLock Heading Sensor will go into Pairing Mode.

   If 30 seconds pass while in Pairing Mode and they do not successfully pair, an error message will display signaling that the pairing has timed out. Repeat the procedure.

Pair the TargetLock Foot Pedal to the Control Head

Use the following instructions to pair the MEGA Live Imaging TargetLock foot pedal to the Humminbird control head.

APEX/SOLIX Series

1. Press the HOME key.
2. Select Settings > CHIRP Sonar > MEGA Live > Pair TargetLock Foot Pedal.
3. On your foot pedal, press and hold the Left button and the Right button at the same time until the LEDs at the top of the pedal begin to scroll. Then release the buttons.
4. The control head and the foot pedal will go into Pairing Mode.

   If 30 seconds pass while in Pairing Mode and they do not successfully pair, an error message will display signaling that the pairing has timed out. Repeat the procedure.

   NOTE: After pairing completes, if the lights on the foot pedal blink in a scrolling pattern, this indicates that the control head is updating the foot pedal. When the software update is complete, the pairing process will need to be repeated.

HELIX Series

1. **Main Menu:** On your control head, press the MENU key twice.
2. Select the Accessories tab > MEGA Live > MEGA Live Installation.
3. Select Pair TL Foot Pedal, and press the RIGHT Cursor key.
4. On your foot pedal, press and hold the Left button and the Right button at the same time until the LEDs at the top of the pedal begin to scroll. Then release the buttons.
5. The control head and the foot pedal will go into Pairing Mode.

   If 30 seconds pass while in Pairing Mode and they do not successfully pair, an error message will display signaling that the pairing has timed out. Repeat the procedure.

   NOTE: After pairing completes, if the lights on the foot pedal blink in a scrolling pattern, this indicates that the control head is updating the foot pedal. When the software update is complete, the pairing process will need to be repeated.

Pair the TargetLock Remote to the Control Head

Use the following instructions to pair the MEGA Live Imaging TargetLock remote to the Humminbird control head.

APEX/SOLIX Series

1. Press the HOME key.
2. Select Settings > CHIRP Sonar > MEGA Live > Pair TargetLock Remote.
3. On your remote, press and hold the LEFT and RIGHT ARROW keys at the same time until the LEDs at the bottom of the remote begin to scroll. Then release the buttons.
4. The control head and the remote will go into Pairing Mode.

   If 30 seconds pass while in Pairing Mode and they do not successfully pair, an error message will display on your control head signaling that the pairing has timed out. Repeat the procedure.

   NOTE: After pairing completes, if the lights on the remote blink in a scrolling pattern, this indicates that the control head is updating the remote. When the software update is complete, the pairing process will need to be repeated.

HELIX Series

1. Main Menu: Press the MENU key twice.
2. Select the Accessories tab > MEGA Live > MEGA Live Installation.
3. Select Pair TL Remote, and press the RIGHT Cursor key.
4. On your remote, press and hold the LEFT and RIGHT ARROW keys at the same time until the LEDs at the bottom of the remote begin to scroll. Then release the buttons.
5. The control head and the remote will go into Pairing Mode.

   If 30 seconds pass while in Pairing Mode and they do not successfully pair, an error message will display on your control head signaling that the pairing has timed out. Repeat the procedure.

   NOTE: After pairing completes, if the lights on the remote blink in a scrolling pattern, this indicates that the control head is updating the remote. When the software update is complete, the pairing process will need to be repeated.

Review the TargetLock Device List

Use the TargetLock Device List to confirm that your TargetLock accessories are paired.

APEX/SOLIX Series

1. Press the HOME key.
2. Select Settings > CHIRP Sonar.
3. Under MEGA Live, select TargetLock Device List.

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the Accessories tab > MEGA Live > TL Device List.

Change the TargetLock GPS Source

The TargetLock GPS Source is used for TargetLock and marking waypoints.

NOTE: For best performance, the control head closest to the MEGA Live TargetLock should be selected as the TargetLock GPS source. See ***Review Your Control Head's Serial Number*** for more information.

APEX/SOLIX Series

1. Press the HOME key.
2. Select Settings > CHIRP Sonar.
3. Under MEGA Live, select TargetLock GPS Source.
4. Tap, or use the Joystick and enter key, to select an option.

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the Accessories tab > MEGA Live > MEGA Live Installation > TL GPS Source.
3. To manually select a TargetLock GPS source, press the RIGHT Cursor key to deselect "Auto".
4. Select your desired GPS source and press the RIGHT Cursor key.

Review Your Control Head's Serial Number

Use the following instructions to check your control head's serial number.

APEX/SOLIX Series

1. Press the HOME key.
2. Select Settings > Network > System Info.

HELIX Series

1. Press and hold the VIEW key.
2. Select System. Press the RIGHT Cursor key.
3. Select System Status. Press the RIGHT Cursor key.

Calibrate the TargetLock Heading Sensor

Use the following instructions to calibrate your MEGA Live Imaging TargetLock Heading Sensor. Before beginning calibration, your control head must be paired with your TargetLock Heading Sensor and your MEGA Live Imaging transducer must be in the water and connected to your control head.

NOTE: Your transducer will rotate during calibration. Ensure that your transducer cables can move freely before beginning this procedure. Your transducer will return to its original position when calibration is complete.

APEX/SOLIX Series

1. Press the HOME key.
2. Select Settings > CHIRP Sonar.
3. Under MEGA Live, select Calibrate TargetLock Heading Sensor.
4. Your MEGA Live Imaging TargetLock will begin calibration. A message will display on your control head when calibration is complete.

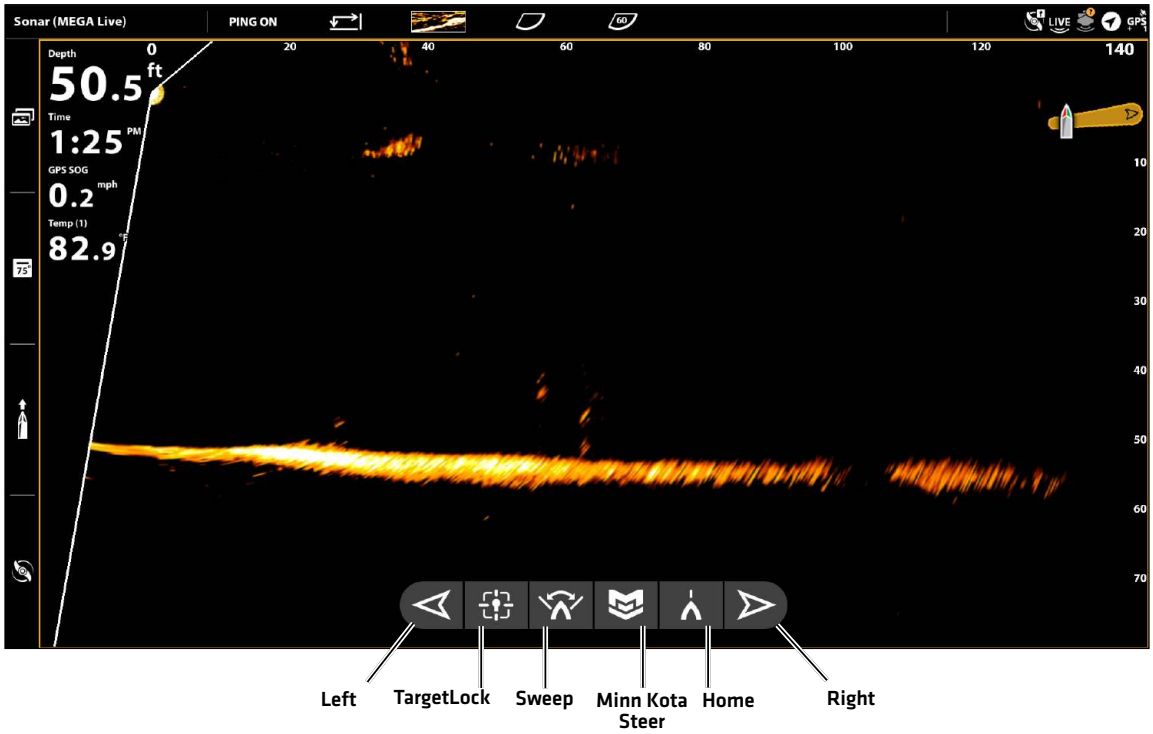
HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the Accessories tab > MEGA Live > MEGA Live Installation.
3. Select Calibrate TL Heading Sensor and press the RIGHT Cursor key.
4. Your MEGA Live Imaging TargetLock will begin calibration. A message will display on your control head when calibration is complete.

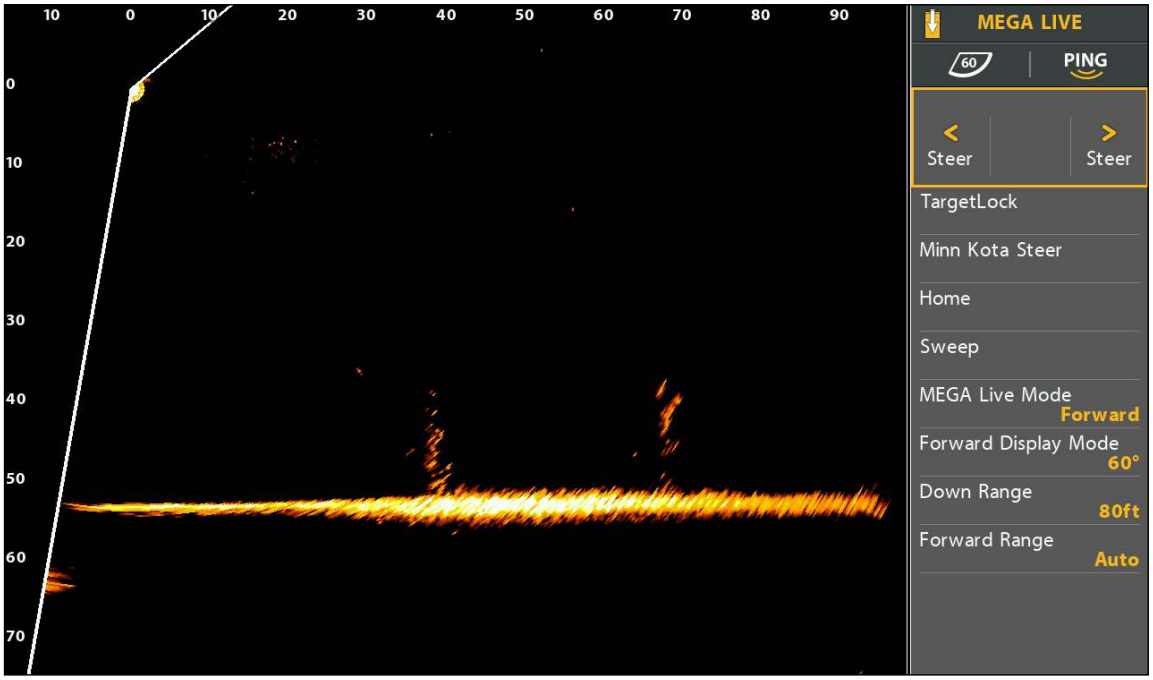
What's on the MEGA Live Imaging TargetLock Display

MEGA Live Imaging TargetLock enables additional MEGA Live Features on your control head, including transducer controls overlaid on the MEGA Live Views.

MEGA Live View with TargetLock (APEX/SOLIX)



MEGA Live View with TargetLock (HELIX)



Left/Right	Use the left and right arrows to rotate your transducer to the left or right.
TargetLock	Use TargetLock to fix the MEGA Live beam in the direction of fish or structure. Your transducer will automatically adjust to keep your target in view.
Sweep	Use Sweep to rotate your transducer from side to side 120 degrees.
Minn Kota Steer	Use Minn Kota Steer to control both your trolling motor and your MEGA Live transducer at the same time (requires a compatible Link trolling motor).
Home	Use Home to rotate your transducer so that the beams point the same direction as your boat's heading.

NOTE: You must have a Humminbird GPS Heading Sensor or Minn Kota Heading Sensor with i-Pilot Link connected to your control head in order to enable the Home and Sweep features. To purchase accessories for your control head, visit our Web site at **humminbird.com** or contact Humminbird Technical Support through our Help Center at **https://humminbird-help.johnsonoutdoors.com/hc/en-us**.

Steer Left or Right

Use the left and right arrows to rotate your transducer to the left or right.

APEX/SOLIX Series

1. With a MEGA Live Imaging View on-screen, press and hold the left or right arrow key to rotate your transducer.

   OR

2. Press and hold the left or right arrow key on your foot pedal or remote.

HELIX Series

1. With the MEGA Live View on-screen and the right pane active, use the Cursor Control keys to select Steer.
2. Press and hold the RIGHT or LEFT Cursor key to rotate your transducer.

   OR

3. Press and hold the left or right arrow key on your foot pedal or remote.

Turn On/Off TargetLock

Use TargetLock to fix the MEGA Live beam in the direction of fish or structure. Your transducer will automatically adjust to keep your target in view.

NOTE: For best performance, the fish or structure you are targeting should be at a distance of 1/2 to 2/3 your MEGA Live Forward range.

APEX/SOLIX Series

1. With a MEGA Live Imaging View on-screen, aim your transducer beam at the fish or structure you want to target.
2. Tap the TargetLock icon.

   OR

   Press the TargetLock key on your remote or foot pedal.

3. Tap the TargetLock icon again or tap any other MEGA Live TargetLock control to cancel TargetLock.

   QUICK TIP! With an active cursor, TargetLock can also be enabled by pressing the MENU key or by pressing and holding a position on the MEGA Live View.

HELIX Series

1. With the MEGA Live View on-screen, aim your transducer beam at the fish or structure you want to target.
2. With the right pane, use the Cursor Control keys to select TargetLock.
3. Press the RIGHT Cursor Key.

   OR

   Press the TargetLock key on your remote or foot pedal.

4. To cancel TargetLock, press the RIGHT Cursor key again or use the Cursor keys to activate any other MEGA Live controls.

   QUICK TIP! With an active cursor, TargetLock can also be enabled by pressing the MENU key or by pressing and holding a position on the MEGA Live View.

Turn On/Off Sweep

Use Sweep to rotate your transducer from side to side 120 degrees.

NOTE: To ensure proper function of Sweep, make sure that your Humminbird or Minn Kota Heading sensor is mounted in a location away from magnetic interference.

APEX/SOLIX Series

1. With a MEGA Live Imaging View on-screen, tap the Sweep icon to start sweeping.
1. Tap the Sweep icon again or tap any other MEGA Live TargetLock control to stop sweeping.

QUICK TIP! You can also turn Sweep on or off with your foot pedal or remote using the One Boat Network key. See ***MEGA Live TargetLock: Customize your TargetLock Foot Pedal or Remote***.

HELIX Series

1. With the MEGA Live View on-screen and the right pane active, use the Cursor Control keys to select Sweep.
2. Press the RIGHT Cursor Key.
3. To cancel Sweep, press the RIGHT Cursor key again or use the Cursor keys to activate any other MEGA Live controls.

QUICK TIP! You can also turn Sweep on or off with your foot pedal or remote using the One Boat Network key. See ***MEGA Live TargetLock: Customize your TargetLock Foot Pedal or Remote***.

Turn On/Off Minn Kota Steer

Use Minn Kota Steer to control both your trolling motor and your MEGA Live transducer at the same time using your trolling motor remote or foot pedal (requires a compatible Link trolling motor). When you enable Minn Kota Steer, your transducer will rotate to point the same direction as your trolling motor.

APEX/SOLIX Series

1. With a MEGA Live Imaging View on-screen, tap the Minn Kota Steer icon to start Minn Kota Steer.
2. Tap the Minn Kota Steer icon again or tap any other MEGA Live TargetLock control to stop Minn Kota Steer.

QUICK TIP! You can also turn Minn Kota Steer on or off with your foot pedal or remote using the One Boat Network key. See ***MEGA Live TargetLock: Customize your TargetLock Foot Pedal or Remote***.

HELIX Series

1. With the MEGA Live View on-screen and the right pane active, use the Cursor Control keys to select Minn Kota Steer.
2. Press the RIGHT Cursor Key.
3. To cancel Minn Kota Steer, press the RIGHT Cursor key again or use the Cursor keys to activate any other MEGA Live controls.

QUICK TIP! You can also turn Minn Kota Steer on or off with your foot pedal or remote using the One Boat Network key. See ***MEGA Live TargetLock: Customize your TargetLock Foot Pedal or Remote***.

Return Your Transducer to Home

Use Home to rotate your transducer so that the beams point the same direction as your heading sensor.

NOTE: To ensure proper function of Home, make sure that your Humminbird or Minn Kota Heading sensor is mounted in a location away from magnetic interference.

APEX/SOLIX Series

1. With a MEGA Live Imaging View on-screen, tap the Home icon.

QUICK TIP! You can also return your transducer to its home position with your foot pedal or remote using the One Boat Network key. See ***MEGA Live TargetLock: Customize your TargetLock Foot Pedal or Remote***.

HELIX Series

1. With the MEGA Live View on-screen and the right pane active, use the Cursor Control keys to select Home.
2. Press the RIGHT Cursor Key.

QUICK TIP! You can also return your transducer to its home position with your foot pedal or remote using the One Boat Network key. See ***MEGA Live TargetLock: Customize your TargetLock Foot Pedal or Remote***.

Customize Your TargetLock Foot Pedal or Remote

The One Boat Network button on your MEGA Live TargetLock Remote and/or Foot Pedal is customizable. It can be programed to return your transducer to the home position, mark waypoints, enable/disable pinging, sweep your transducer, or enable Minn Kota Steer.

APEX/SOLIX Series

1. Press the HOME key.
2. Select Settings > CHIRP Sonar.
3. Under MEGA Live, select TargetLock One-Boat Network Button.
4. Under TargetLock Foot Pedal or TargetLock Remote, tap, or use the Joystick and enter key, to select an option.

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the Accessories tab > MEGA Live.
3. Select TL Foot Pedal OBN Button or TL Remote OBN Button.
4. Use the LEFT or RIGHT Cursor keys to select an option.

Home Position	Press the One Boat Network key to return your transducer to its home position.
Mark Waypoint	Press the One Boat Network key to mark waypoints at the boat or cursor position. Waypoints can be marked in any MEGA Live mode but can only be displayed in Landscape Mode (See ***Mark and Display Waypoints*** for more information.)
Disable Pinging	Press the One Boat Network key to start or stop pinging.
Sweep	Press the One Boat Network key to begin sweeping. Press the sweep key again or press any other key to stop sweeping.
Minn Kota Steer	Press the One Boat Network key to control both your trolling motor and your MEGA Live transducer at the same time (requires a compatible Link trolling motor).

Power Off

1. Power Off the Control Head

Press and hold the POWER key.

WARNING! Turning off the control head will NOT power off the MEGA Live Imaging transducer.

2. Power Off the Transducer

Turn off power on the main switch, breaker, or battery switch.

NOTE: Powering off the MEGA Live Imaging transducer will be determined by the installation and power connection on your boat.

3. Check the MEGA Live Trolling Motor Mount

Check the tension of the trolling motor bracket after initial use and periodically thereafter to ensure that the installation remains stable. See your installation guide for details.

Contact Humminbird

Any questions relating to the product should be directed to our Help Center at **https://humminbird-help.johnsonoutdoors.com/hc/en-us** or in writing to the address below:

Humminbird Service Department
678 Humminbird Lane
Eufaula AL 36027 USA

Social Media Resources:

Facebook.com/HumminbirdElectronics

Twitter.com (@humminbirdfish)

Instagram.com/humminbirdfishing

YouTube.com/humminbirdtv