



COASTMASTER®

QUICK START GUIDE

532994-2_A

INTRODUCTION

Humminbird® CoastMaster® chart cards are compatible with **all APEX™, SOLIX® and XPLORE™** fish finders. To review the latest compatibility information and to download a detailed CoastMaster Chart Card user guide, visit our Web site at humminbird.johnsonoutdoors.com.

This quick start guide and the CoastMaster user guide contain instructions that apply to your Humminbird fish finder[s] as follows:

- APEX Series
- SOLIX G3 Series
- XPLORE Series

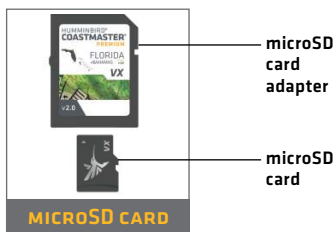
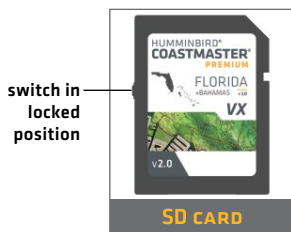
▶ HUMMINBIRD COASTMASTER CHART CARDS

Your fish finder is compatible with either an SD card or a microSD card. It is important to note the following guidelines:

- Confirm the chart card is locked [see the illustrations below].
- **Do not leave the card slot cover open.** Close the slot cover to prevent water damage to the unit.

⚠ CAUTION

Do NOT delete or change the contents of your chart card. Changing the card will permanently damage it.




GETTING STARTED

➤ POWER ON

1. Press the POWER  key.

➤ CHECK THE CURRENT SOFTWARE VERSION

It is important to install the latest software update to enable the Humminbird CoastMaster chart card on your fish finder.

1. Press the HOME  key.
2. Select Settings.
3. Select System.
4. Select System Info.
5. Review the software version number listed.

CoastMaster requires the following software versions:

- 5.0 and later

To download the latest software, go to our Web site at **humminbird.johnsonoutdoors.com** and click Support > Software updates. For complete details about the software update process, see your fish finder operations manual.

➤ INSERT THE CHART CARD

1. Insert the VX chart card into the SD or microSD card slot on the fish finder.
 - Do not force the card into the slot. The card should click easily into place.
 - The fish finder will automatically select the CoastMaster VX card as the chart source.

➤ OPEN CHART VIEW

1. Press the HOME  key.
2. Select Chart View from the Favorites menu.

OR

Select Chart from the Views menu, and then select a Chart type.

CHART VIEW (FAVORITES)

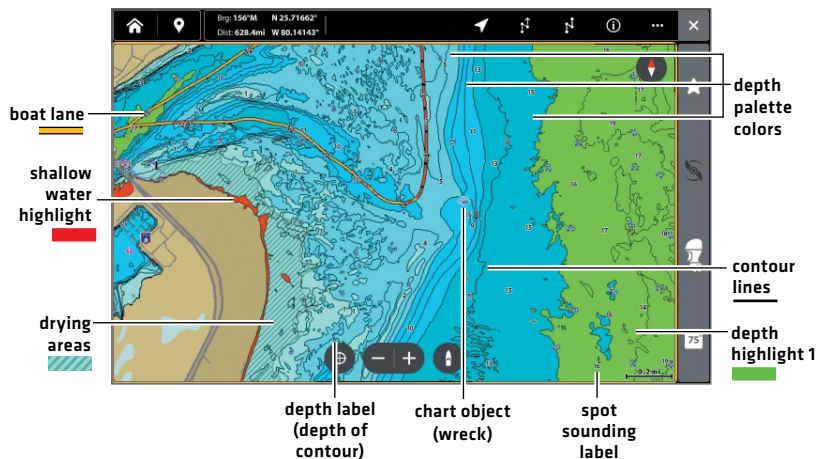


CHART VIEW (VIEWS)



➤ COASTMASTER IN CHART VIEW

The installed CoastMaster Chart Card provides multiple colors and icons to help you identify depth, contours, and fish attractions on the map.



➤ USING THE TOP BAR

The Top Bar is located at the top of the screen. It changes to match the on-screen view. You can tap the icons in the Top Bar to open and close a menu or make a selection.



➤ SELECT CHART PRESET

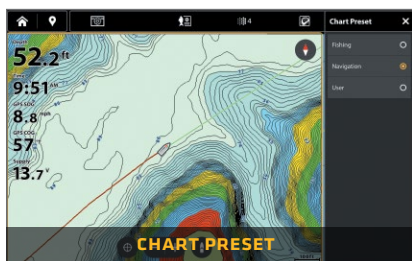
Use Chart Presets to quickly alternate between settings. You can use the default Fishing or Navigation settings provided, or you can create a custom User preset with your preferences. The Fishing and Navigation presets are also fully customizable. You can restore each preset back to its default settings at any time.

1. With a Chart view displayed on-screen, tap the Chart Preset icon in the Top Bar.

OR

From the Chart X-Press Menu, select Settings > Chart Preset.

2. Select a preset.



Fishing



Navigation



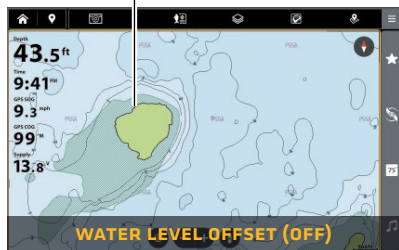
User

➤ SET THE WATER LEVEL OFFSET

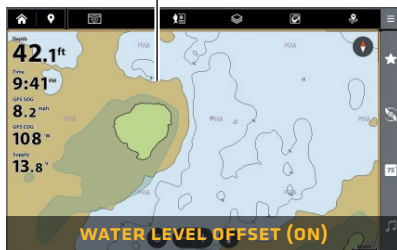
It is important to note if the water level is higher or lower than normal. For example, if the water level is down 3 feet, set the Water Level Offset to -3. Depth labels on the Contour Lines will adjust based on the Water Level Offset setting.

1. From the Chart X-Press Menu, select Water Level Offset.
Tap the on/off button, or press the ENTER key, to turn it on.
2. Press and hold the slider, or press the +/- buttons, to adjust the setting.
 - **If the water level is higher than normal**, set a positive amount.
 - **If the water level is lower than normal**, set a negative amount.
 - **If the water level has not changed [normal]**, turn the Water Level Offset off.

shoreline




new shoreline with Water Level Offset set to -3



➤ SET DEPTH HIGHLIGHTS

Highlight deep and shallow waters in Chart View and Chart Combo Views using the following CoastMaster features. Highlight colors are customizable.

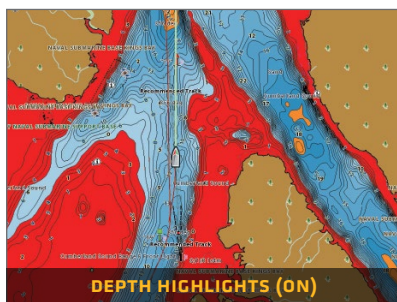
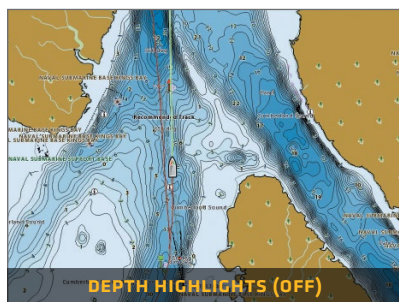
- **Depth Highlights** allow you to select up to four depth ranges to be highlighted on the chart.
- **Shallow Water Highlight** identifies shallow waters when the depth is equal to or less than the level you set.

1. With a Chart view displayed on-screen, tap the Depth Highlight  icon in the Top Bar.

OR

From the Chart X-Press Menu, select Settings > Depth Highlight.

2. Edit each depth highlight.



➤ **SET SAFE DEPTH LEVEL**

Use the Safe Depth feature to set the minimum depth level for your vessel and to turn on highlights for hazards shallower than that level.

1. From the Chart X-Press Menu, select Settings > VX Settings > Safe Depth.

➤ **SHOW/HIDE SPOT SOUNDINGS**

Spot Soundings are depth measurements shown on the chart.

1. From the Chart X-Press Menu, select Settings > Chart Objects > Navigation > Spot Soundings.

TIPS FOR USING THE MAP

➤ MOVE ACROSS THE CHART

APEX/SOLIX



Move the joystick.

XPLORE



Press any arrow on the **CURSOR** pad.

➤ SEE MORE ON THE CHART



Zoom in [+] and Zoom out [-] to see more of the chart display [contour lines, depth colors, etc.].

➤ VIEW MAP INFORMATION



Move the cursor to an icon [buoy, marker, etc.], contour line, or position on the chart, and press the Info icon in the Cursor Top Bar, or press the CHECK/INFO key to open the Info Menu.

➤ SEARCH YOUR MAP

Search the area for ports, services, tide stations, current stations, and other points of interest. You can also search for the nearest waypoints, routes, tracks, and more.

1. From the Chart X-Press Menu, select Info.
2. Select Find Nearest.
3. Select an item from the displayed list.

➤ DISPLAY OR HIDE CONTOUR LINES

Hide Contour Lines to see more details on the chart.

1. From the Chart X-Press Menu, select Settings.
2. Select Depth/Contours.
3. Turn Contour Lines on/off or edit the density and color.

➤ CHANGE THE CHART ORIENTATION

Select your display preference: North-Up, Head-Up, Course-Up, etc.


1. From the Chart X-Press Menu, select Settings.
2. Select General.
3. Select Orientation.

ADVANCED COASTMASTER FEATURES

> CHANGE LAYERS

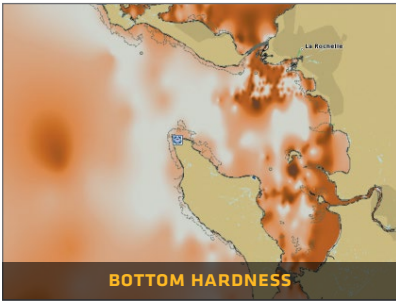
If you have a CoastMaster Premium chart card, you can display layers that show aerial imagery, bottom hardness or shaded relief in Chart View and Chart Combo Views. The transparency of these layers is customizable.

- **Aerial Imagery** can be applied to land only or to both land and water.
- **Bottom Hardness** highlights the composition of the seabed, with light colors indicating a harder bottom [rock, coral, etc.] and dark colors indicating a softer bottom [silt, mud, etc.].
- **Shaded Relief** uses shadows to show features of the seafloor.

1. With a Chart view displayed on-screen, tap the Layers icon  in the Top Bar.

OR

From the Chart X-Press Menu, select Settings > Layers.



BOAT LANES

➤ SHOW/HIDE BOAT LANES

Boat Lanes are available on select CoastMaster Premium chart cards. Boat Lanes are suggested routes to aid in navigation. Boat Lanes may be on or off by default depending on your Chart Preset.

WARNING

This feature should not be used as a navigational aid to prevent collision, grounding, boat damage, or personal injury. Boat Lanes are 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.

Boat Lanes should only be ran at slow and prudent speeds.

NOTE

Boat Lanes can be affected by weather, climate, and local tidal factors over time.

1. From the Chart X-Press Menu, select Settings.
2. Select Chart Objects.
3. Select Navigation.
4. Select Boat Lanes.
5. Tap the check box, or press the ENTER key, to show or hide boat lanes.



➤ UNDERSTANDING BOAT LANES

Several different types of lanes are displayed on the chart.

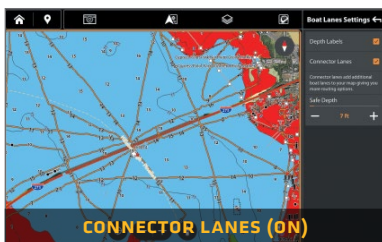
- **Standard Boat Lanes** are indicated by a solid yellow line outlined in black. These lanes are at a depth equal to or deeper than your safe depth setting (see **Set Safe Depth Level**).



NOTE

It is up to the captain to determine a safe depth based on their boat and the weather and tide conditions.

- **Connector Lanes** are indicated by a yellow line outlined in white. These are additional lanes that connect Humminbird Boat Lanes. Enable Connector Lanes using the following instructions:
1. From the Chart X-Press Menu, select Settings.
 2. Select Chart Objects.
 3. Select Navigation.
 4. Select Boat Lanes.
 5. Select Boat Lane Settings.
 6. Tap the check box, or press the ENTER key, to show or hide connector lanes.



- **Shallow Depth and Unknown Depth Boat Lanes** are indicated by a red dashed line outlined in black. These Boat Lanes either are shallower than your safe depth setting or they are at a Mean Lower Low Water or unknown depth. Extra caution is advised while navigating shallow depth and unknown depth lanes.



NOTE

Mean Lower Low Water (MLLW) is an average of the lowest tide recorded at a tide station each day over the course of several years. Many locations use predictive data obtained from NOAA, which can vary in accuracy. When using Boat Lanes, it is important to understand that MLLW is just an average and that it's possible for depths to be lower than MLLW due to weather and astronomical effects. Use caution when following Boat Lanes.

► DISPLAY OR HIDE BOAT LANE DEPTH LABELS

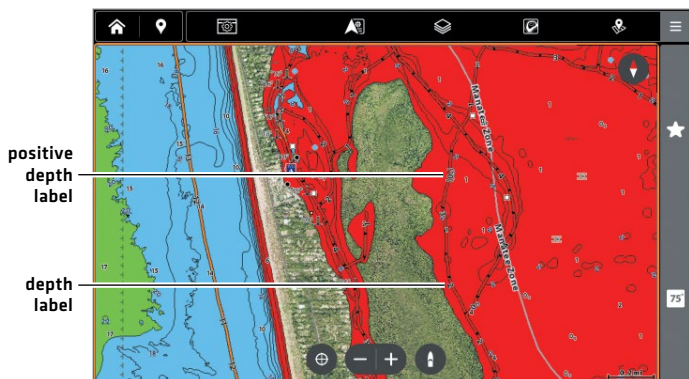
Boat Lane Depth Labels indicate the approximate depth of the water recorded by Humminbird and adjusted as closely as possible to Mean Lower Low Water with the data available (see *Understanding Boat Lanes*).

Positive Depth Labels indicate a drying area and will be underlined and in parentheses. For example, a depth label of (3) indicates a dry area that is estimated to be three feet above water at MLLW. Segments of a Boat Lane at a positive or unknown depth will also be indicated by a red dashed line outlined in black.

You can turn Boat Lane Depth Labels on or off.

1. From the Chart X-Press Menu, select Settings.
2. Select Chart Objects.
3. Select Navigation.
4. Select Boat Lanes.
5. Select Boat Lanes Settings.

6. Under Depth Labels, tap the check box, or press the ENTER key to show or hide depth labels.






TROUBLESHOOTING

➤ **The map is not displayed in Chart View.**

1. Confirm GPS reception.
2. Confirm the fish finder software is up to date.
3. Confirm compatibility on our Web site at humminbird.johnsonoutdoors.com.

➤ **How can I view maps on my fish finder when I am not on the water?**

1. Press the HOME  key.
2. Select Settings > Simulation.
3. Tap the On/Off toggle, or press the ENTER key, to start Simulation.
4. This system will restart. Select Simulation Mode.
5. Open a Chart view and move the cursor to your desired position on the chart.
6. Tap the More  button from the Top Bar, and select the Set Simulation Position  button.

➤ **Can I view the Humminbird CoastMaster chart card on my computer?**

No, the Humminbird CoastMaster chart card is not compatible with your computer. It is only compatible with your Humminbird fish finder. Installing the Humminbird CoastMaster chart card in a computer could corrupt the map files.

➤ **The map displays, but seems to redraw slowly as you move across the water.**

1. Press the ZOOM [-] key to zoom out of the Chart View.
2. Confirm the fish finder software is up to date.

➤ **For additional questions:**

See the FAQ page at humminbird.johnsonoutdoors.com or contact Humminbird Technical Support through our Help Center at <https://humminbird-help.johnsonoutdoors.com/hc/en-us>.

WARRANTY

➤ PRODUCT WARRANTY & RETURN POLICY

Johnson Outdoors warrants this product against defects in material and workmanship for 1 year from the date of purchase. Defects in materials or workmanship that occur within 1 year of purchase, substantiated by a sales receipt, will either be repaired or replaced without charge at Johnson Outdoors' discretion. THIS REPAIR OR REPLACEMENT IS THE EXCLUSIVE REMEDY AVAILABLE FOR ANY DEFECT CONCERNING THE PRODUCT OR FOR ANY LOSS OR DAMAGE RESULTING FROM ANY OTHER CAUSE WHATSOEVER. JOHNSON OUTDOORS WILL NOT UNDER ANY CIRCUMSTANCES BE LIABLE TO ANYONE FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL OR OTHER INDIRECT DAMAGES OF ANY KIND.

This warranty does not apply when: 1. the product has been altered, adjusted or handled in a manner other than in accordance with the instructions furnished with this product: 2. any defect, problem, loss or damage has resulted from any misuse, negligence or carelessness.

➤ RETURN OF DEFECTIVE PRODUCT

Do not return this product to any retailer. You must return this product directly to Johnson Outdoors. Returned products must have a Return Authorization [RA] number clearly displayed on the outside of the shipping package. Contact Humminbird Technical Support through our Help Center at <https://humminbird-help.johnsonoutdoors.com/hc/en-us> within 1 year of purchase to obtain the RA. When you return the product, include a valid sales receipt, product UPC, a return address and phone or email contact information. The RA is valid for 30 days from date issued. Product should be returned to: **Humminbird Service Department, 678 Humminbird Lane, Eufaula, AL 36027 USA**

Johnson Outdoors reserves the right to examine the product when we receive it to determine if the defect or malfunction is due to a defect in materials or workmanship. Johnson Outdoors will duplicate the original data on all repaired or replaced products. Products that are defective due to any other cause will not be repaired or replaced. Damaged products, not covered by or that are out of warranty may be eligible for repair for a service fee, contact Johnson Outdoors for more information. **WARNING:** Never format a CoastMaster SD card. Formatting the card will permanently erase the map data. Never use a Humminbird SD card to store or transfer data as this may damage the card.

WARNINGS

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.

CAUTION

Do NOT save data files [waypoints, routes, tracks, groups, recordings, etc.] to your chart card. Saving data to your chart card will permanently damage it. You can save navigation data to the fish finder and export it to a blank card. Download the CoastMaster Chart Cards User Guide from our Web site at humminbird.johnsonoutdoors.com for more details.

Do NOT delete or change the contents of your chart card. Changing the card will permanently damage it.

NOTE

To purchase accessories for your fish finder, visit our Web site at humminbird.johnsonoutdoors.com or contact Humminbird Technical Support through our Help Center at <https://humminbird-help.johnsonoutdoors.com/hc/en-us>.

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CONTACT HUMMINBIRD

Contact Humminbird Technical Support through our Help Center at <https://humminbird-help.johnsonoutdoors.com/hc/en-us> or by writing to the address below:

Humminbird Service Department
678 Humminbird Lane
Eufaula AL 36027 USA

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