HUMMINBIRD.

LAKEMASTER®

QUICK START GUIDE

INTRODUCTION

Humminbird® LakeMaster® VX map cards are compatible with **HELIX® G3/ G3N and G4/G4N** fish finders with chartplotting capabilities, **SOLIX® G3** fish finders and **all APEX™ and XPLORE™** fish finders. To review the latest compatibility information and to download a detailed LakeMaster Map Card user guide, visit our Web site at **humminbird.johnsonoutdoors.com**.

This quick start guide and the LakeMaster user guide contain instructions that apply to your Humminbird fish finder(s) as follows:

- APEX Series
- XPLORE Series
- SOLIX G3 Series
- HELIX Series

▶ HUMMINBIRD LAKEMASTER MAP CARDS

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

⚠ CAUTION

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

- Confirm the map card is locked (see the illustrations below).

- Do not force the card into the slot. The card should click easily into place.

- **Do not leave the card slot cover open.** Close the slot cover to prevent water damage to the unit.

switch in locked position

SD CARD

microSD card adapter

microSD card

MICROSD CARD
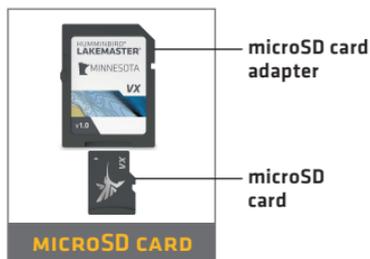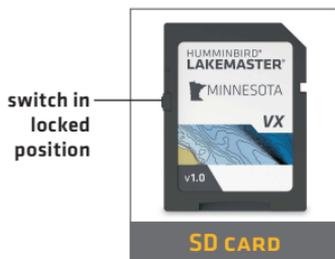
GETTING STARTED

❯ Power On

1. Press the POWER key.

2. Choose your startup mode. If you are **on the water with GPS reception,** select Normal mode. If you are **off the water without GPS reception,** select Simulator mode.

❯ Check the Current Software Version

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

LakeMaster requires the following software versions:

APEX, XPLORE and SOLIX: 5.0 and later

HELIX: 2.720 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 manual.

❯ Update the Basemap (HELIX Only)

LakeMaster requires the following basemap versions to operate on HELIX fish finders:

HELIX 5, 7 and 8: 2.010 (released 07/2020) and later

All other compatible HELIX models: 1.031 (released 07/2020) and later

❯ Open Chart View

APEX/XPLORE/SOLIX:

1. Press the HOME ⌂ key.

2. Select Chart View from the Favorites menu.
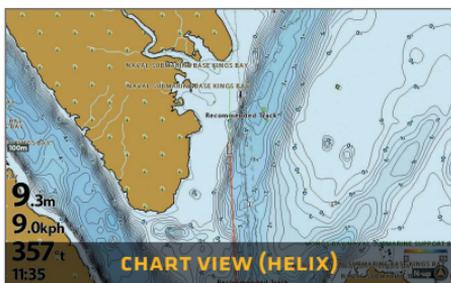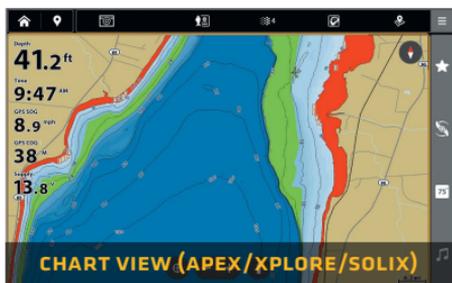
   OR

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

HELIX:

1. Press the VIEW key until Chart View is displayed on-screen.

   OR

   Press and hold the VIEW key to open the Views X-Press Menu. Select Chart > Chart View.

CHART VIEW (APEX/XPLORE/SOLIX)

CHART VIEW (HELIX)

› Using the Top Bar (APEX, XPLORE and SOLIX Only)

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.

| mark waypoint | view options | chart preset | layers | depth highlights | my data | X-Press menu |
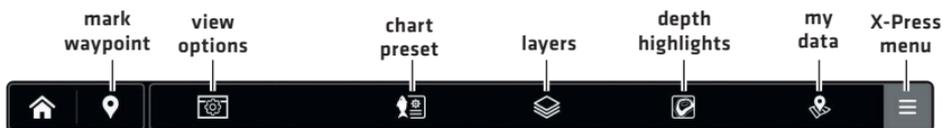
› Select Chart Preset

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.

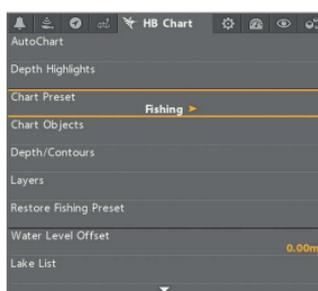**APEX/XPLORE/SOLIX:** Chart X-Press Menu > Settings > Chart Preset

OR

Tap the Chart Preset icon in the Top Bar.

HELIX: Main Menu > HB Chart tab > Chart Preset

APEX/XPLORE/SOLIX

CHART PRESET

Fishing
Navigation
User

HELIX

3

❯ Set the Water Level Offset

It is important to note if the water level is higher or lower than normal for the selected lake. 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.

- **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):** For APEX, XPLORE and SOLIX, turn Water Level Offset off. For HELIX, set the Water Level Offset to 0.

APEX/XPLORE/SOLIX: Chart X-Press Menu > Water Level Offset

HELIX: Main Menu > HB Chart tab > Water Level Offset

shoreline

new shoreline with Water Level Offset set to -3

WATER LEVEL OFFSET (OFF)

WATER LEVEL OFFSET (ON)
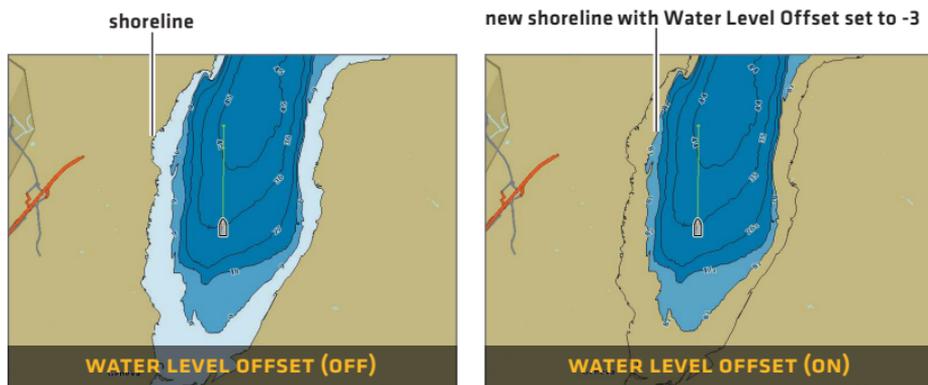
❯ Set Safe Depth Level

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.

APEX/XPLORE/SOLIX: Chart X-Press Menu > Settings > VX Settings > Safe Depth

HELIX: Main Menu > HB Chart tab > Safe Depth

❯ Set Depth Highlights

Highlight deep and shallow waters in Chart View and Chart Combo Views using the following LakeMaster 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.

APEX/XPLORE/SOLIX: Chart X-Press Menu > Settings > Depth Highlight

OR

Tap the Depth Highlight icon 🔘 in the Top Bar.

HELIX: Main Menu > HB Chart tab > Depth Highlights

DEPTH HIGHLIGHTS (OFF)

DEPTH HIGHLIGHTS (ON)
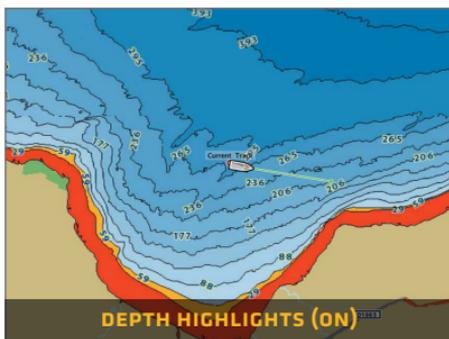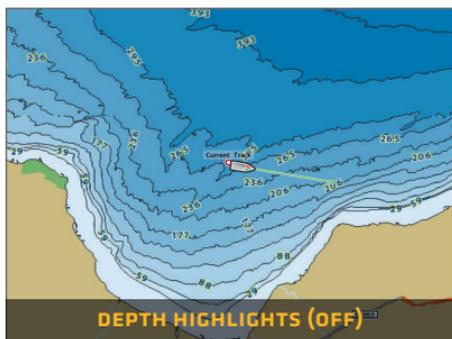
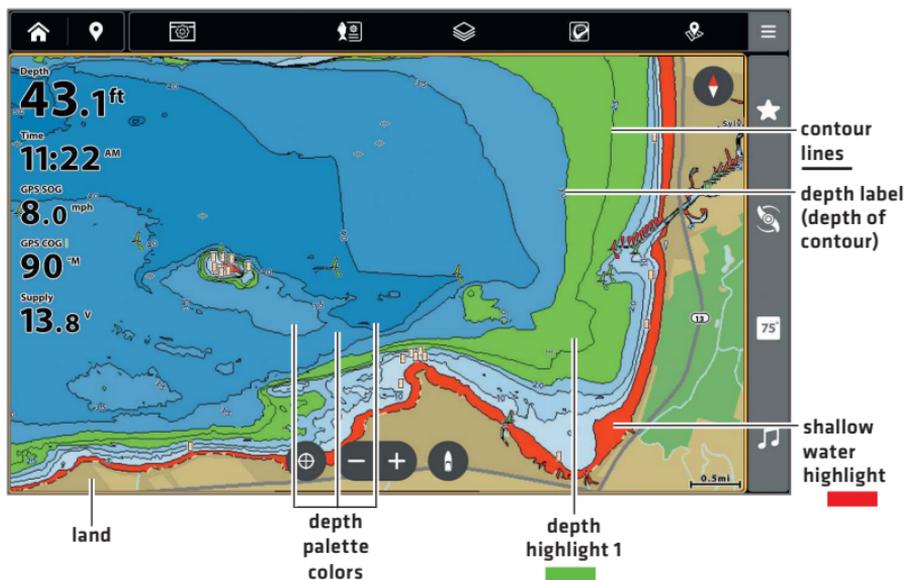## ❯ SmartStrike®: Access the SmartStrike Menu

Use SmartStrike to highlight areas of the map where fish are most likely biting (available for HD lakes only).
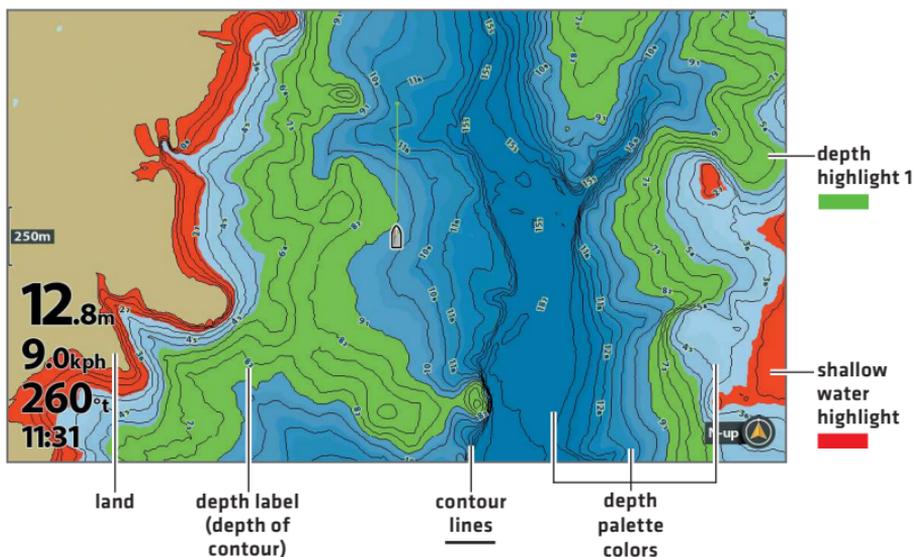
APEX/XPLORE/SOLIX: Chart X-Press Menu > SmartStrike

HELIX: Press the MENU key once > SmartStrike.

LAKEMASTER IN CHART VIEW

▸ APEX/XPLORE/SOLIX

contour lines

depth label (depth of contour)

shallow water highlight

land

depth palette colors

depth highlight 1

▸ HELIX

depth highlight 1

shallow water highlight

land

depth label (depth of contour)

contour lines

depth palette colors

TIPS FOR USING THE MAP

> Move Across the Chart

APEX/SOLIX

Move the Joystick.

XPLORE

Press any arrow on the CURSOR pad.

HELIX

Press any arrow on the 4-Way Cursor Control key.

> 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 CHECK/INFO key.

> Search Your Map (apex, xplore, And solix Only)

Search the area for the nearest waypoints, routes, and tracks.

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.

APEX/XPLORE/SOLIX: Chart X-Press Menu > Settings > Depth/Contours

HELIX: Main Menu > HB Chart tab > Depth/Contours

> Change the Chart Orientation

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

APEX/XPLORE/SOLIX: Chart X-Press Menu > Settings > General > Orientation

OR

Tap the Orientation icon in the Chart View.

HELIX: Main Menu > Chart tab > Chart Orientation

ADVANCED LAKEMASTER FEATURES

› LakeMaster Premium: Change Layers

If you have a LakeMaster Premium map card, you can display layers that show aerial imagery or shaded relief in Chart View and Chart Combo Views. The transparency of these layers is customizeable.
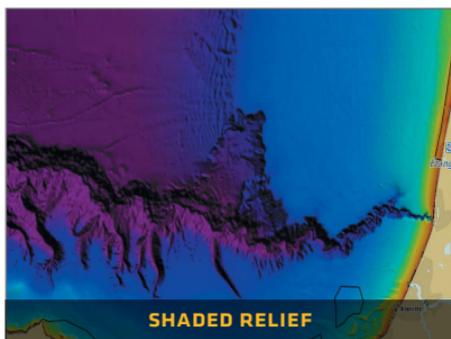
- **Aerial Imagery** can be applied to land only or to both land and water.
- **Shaded Relief** uses shadows to show features of the lakebed.

APEX/XPLORE/SOLIX: Chart X-Press Menu > Settings > Layers

OR

Tap the Layers icon ⬘ in the Top Bar.

HELIX: Main Menu > HB Chart tab > Layers

AERIAL IMAGERY (LAND AND WATER)

SHADED RELIEF

› AutoChart® ZeroLines

Download the AutoChart ZeroLines Accessory Manual from our Web site at humminbird.johnsonoutdoors.com.

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 control head when I am not on the water?**
   1. Power on the fish finder. Select Start Simulation [APEX/XPLORE/
      SOLIX] or Simulator [HELIX]. Open a chart view and move the cursor
      to your desired position on the chart.
      APEX/XPLORE/SOLIX: Tap the More ••• button from the Top Bar, and
      select the Set Simulation Position ⌐⌐ button.

      HELIX: Main Menu > Chart Menu Tab > Set Simulation Position

➤ **Can I view the Humminbird LakeMaster map card on my computer?**
   No, the Humminbird LakeMaster map card is not compatible with your
   computer. It is only compatible with your Humminbird fish finder.
   Installing the Humminbird LakeMaster map 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 physical 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 Humminbird 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

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

Social Media Resources:

Facebook.com/HumminbirdElectronics

X.com (@humminbirdfish)

Instagram.com/humminbirdfishing

YouTube.com/humminbirdtv