HUMMINBIRD.

LAKEMASTER®
QUICK START GUIDE
531803-5_A

INTRODUCTION

Humminbird® LakeMaster® map cards are compatible with Humminbird control heads with chartplotting capabilities. To review the latest compatibility information and to download a detailed LakeMaster Map Card user guide.

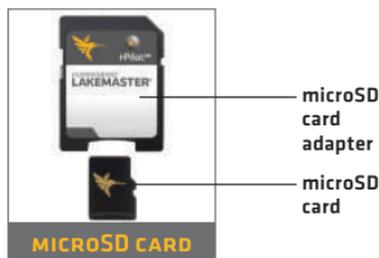**Locate the instructions that apply to your Humminbird control head(s), as follows:**

- SOLIX® Series
- ONIX® Series
- HELIX® Series

› Humminbird LakeMaster Map Cards

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

⚠️ **WARNING!** Do NOT delete or change the contents of your map 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. **On the water with GPS reception:** select Normal mode.
   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 control head.

LakeMaster PLUS requires the following software versions:

SOLIX: 3.000 and later

ONIX: 2.300 and later

HELIX: 1.150 and later

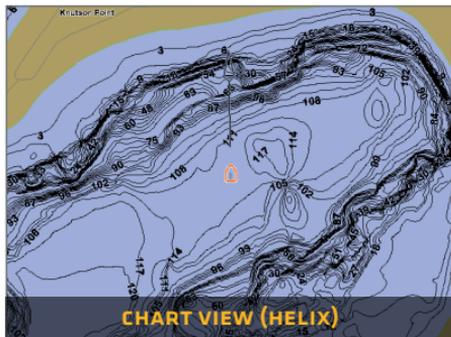Software updates are posted to your account at **humminbird.** See your control head operations manual for instructions.

❯ **Open Chart View**

SOLIX and ONIX:

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

HELIX:

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

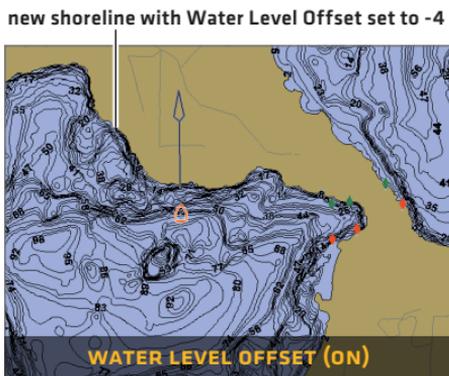CHART VIEW (SOLIX & ONIX)

CHART VIEW (HELIX)

❯ 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 SOLIX and ONIX, turn Water Level Offset off. For HELIX, set the Water Level Offset to 0.

SOLIX and ONIX: Home > Settings > Chart > Water Level Offset

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

shoreline

new shoreline with Water Level Offset set to -4

WATER LEVEL OFFSET (OFF)

WATER LEVEL OFFSET (ON)

❯ Set Depth Highlights

Highlight deep and shallow waters in Chart View and Chart Combo Views using the following LakeMaster features:
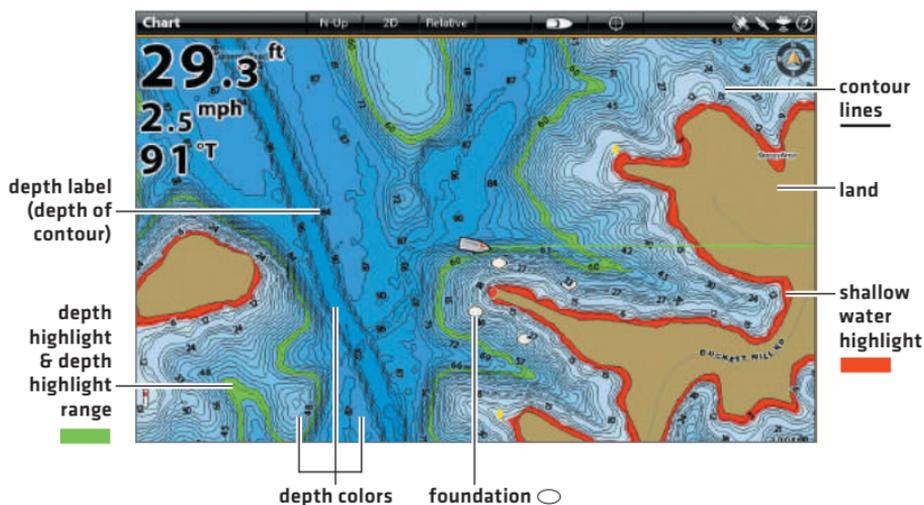
- **Depth Colors** applies shading to various depths.
- **Depth Highlight** and **Depth Highlight Range** allow you to select a depth range to be highlighted in green on the chart.
- **Shallow Water Highlight** identifies shallow waters in red when the depth is equal to or less than the amount you set.

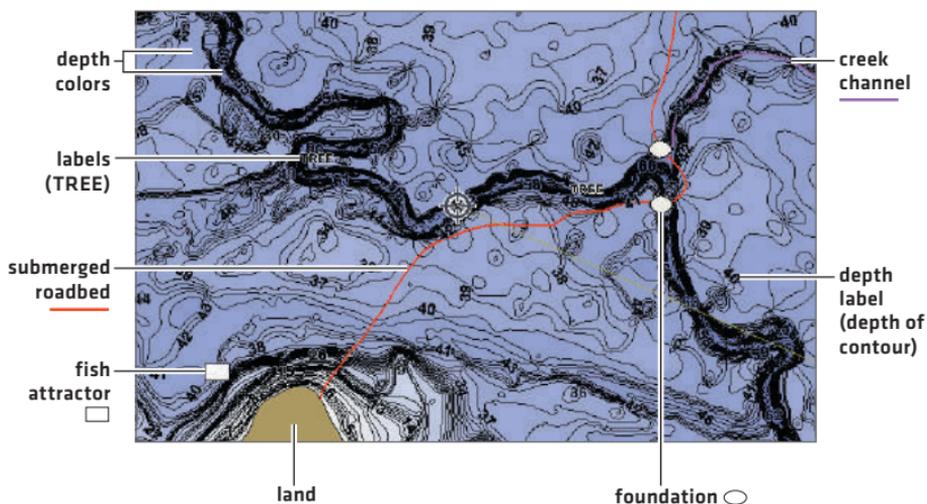**SOLIX and ONIX:** Chart X-Press™ Menu > Chart Options > Map Data > Depth

HELIX: Main Menu > Chart Menu tab

LAKEMASTER IN CHART VIEW

› SOLIX and ONIX

contour lines

land

depth label (depth of contour)

shallow water highlight

depth highlight & depth highlight range

depth colors   foundation ◯

› HELIX

depth colors

creek channel

labels (TREE)

submerged roadbed

depth label (depth of contour)

fish attractor

land   foundation ◯

TIPS FOR USING THE MAP

› Move Across the Chart

SOLIX and ONIX

HELIX

Move the Joystick.   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.

› Display or Hide Contour Lines

Hide Contour Lines to see more details on the chart.

SOLIX and ONIX: Chart X-Press Menu > Chart Options > Map Data > Depth > Contour Intervals

HELIX: Main Menu > Chart Menu tab > Contour Lines

› Change the Chart Orientation

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

SOLIX and ONIX: Chart X-Press Menu > Chart Options > Preferences > Orientation

HELIX: Main Menu > Navigation Menu tab > Chart Orientation

› Display a Lake Using Lake List

The displayed lake map is based on the current latitude/longitude position and the map card installed in the control head. GPS reception is required for the correct lake to be displayed. To display a different lake map from the installed map card, use Lake List.

SOLIX and ONIX: Navigation X-Press Menu > Info > Lake List

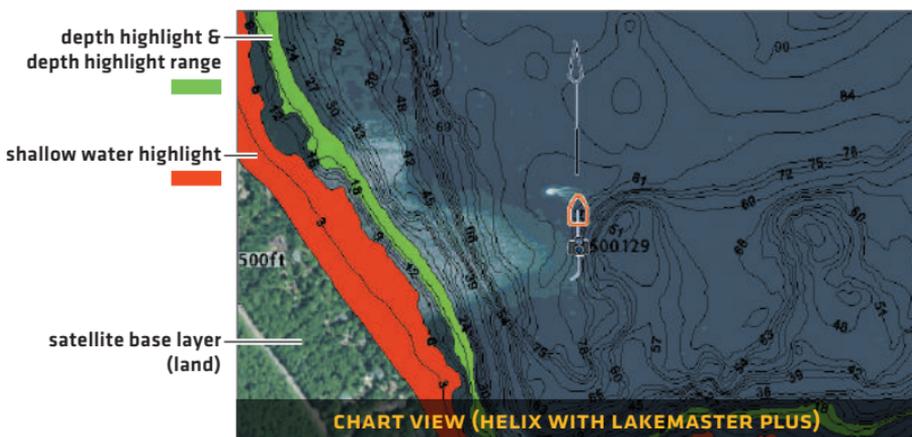**HELIX:** Main Menu > Chart Menu tab > Lake List

ADVANCED LAKEMASTER FEATURES

› LakeMaster PLUS: Display Aerial Imagery

If you have a LakeMaster PLUS map card, add a base layer that shows aerial imagery on the Chart View and Chart Combo Views.

SOLIX and ONIX: Chart X-Press Menu > Chart Options > Map Data > Base Layer

HELIX: Main Menu > Chart Menu tab > Base Layer

depth highlight &
depth highlight range

shallow water highlight

satellite base layer
(land)

CHART VIEW (HELIX WITH LAKEMASTER PLUS)

› SmartStrike™: Access the SmartStrike Menu

SOLIX and ONIX: Navigation X-Press Menu > Info > SmartStrike

HELIX: Press the CHECK/INFO key.

AUTOCHART® ZeroLines

› Download the AutoChart ZeroLines Accessory Manual from our Web site at **humminbird**.

TROUBLESHOOTING

> **The map is not displayed in Chart View.**
> 1. Confirm GPS reception.
> 2. Confirm the Chart Select setting:
>   SOLIX and ONIX: Home > Settings > Chart
>   HELIX: Main Menu > Chart Menu tab > Chart Select
> 3. Confirm the lake name is in the LakeMaster library.
> 4. Confirm the control head software is up to date.
> 5. Confirm compatibility on our Web site.

> **How can I view maps on my control head when I am not on the water?**
> 1. Power on the control head. Select Simulator.
> 2. Select a lake from Lake List.

> **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 control head. 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 control head software is up to date.