Humminbird 409440-1

Humminbird 688Ci HD Fishfinder & GPS Combo User Manual

Model: 409440-1

Introduction

Welcome to the user manual for your Humminbird 688Ci HD Fishfinder & GPS Combo. This guide provides comprehensive instructions to help you set up, operate, and maintain your device, ensuring optimal performance for your fishing and navigation needs. Please read this manual thoroughly before using your unit.

Product Overview



The image displays the Humminbird 688Ci HD Fishfinder and GPS Combo unit. The device features a color display showing both a detailed map with depth contours on the left and sonar readings on the right, indicating fish and underwater structures. The right side of the unit has a control panel with various buttons for navigation and settings, including a directional pad and dedicated function buttons. The model number '688Ci HD SONAR-GPS' is visible on the unit's front panel. The unit is mounted on a sturdy black swivel base.

The Humminbird 688Ci HD is a versatile fishfinder and GPS combo unit designed for marine environments. It features a 5-inch color display with 640 x 480 resolution, offering clear and detailed views of underwater conditions and navigation charts. Key features include:

- Integrated GPS and Sonar capabilities.
- DualBeam PLUS sonar with 4,000W PTP power for excellent target separation.
- GPS chartplotting for precise navigation.
- Card slot for expandable memory and mapping options.
- Three programmable preset buttons for quick access to favorite views.
- Temperature sensor for water temperature readings.

Setup

1. Mounting the Unit

Select a secure and accessible location on your boat for mounting the display unit. Ensure the location allows for clear visibility and easy access to controls. Use the provided mounting bracket and hardware to securely fasten the unit.

2. Transducer Installation

Install the transducer according to the instructions provided with your transducer model. Proper transducer placement is crucial for accurate sonar readings. Common mounting options include transom mount, in-hull, or trolling motor mount.

3. Power Connection

Connect the power cable to a 12V DC power source. Ensure the connection is fused and properly grounded. The red wire connects to the positive (+) terminal, and the black wire connects to the negative (-) terminal. Verify all connections are secure and waterproof.

4. GPS Antenna (if external)

If your unit uses an external GPS antenna, mount it in a location with a clear, unobstructed view of the sky to ensure optimal satellite reception.

Operating

1. Power On/Off

Press and hold the **POWER** button to turn the unit on or off. A brief press will typically bring up the system menu or backlight options.

2. Menu Navigation

Use the **MENU** button to access the main menu. Use the directional pad (arrow keys) to navigate through menu options and the **SELECT** button to confirm selections. The **EXIT** button will return you to the previous screen or exit the menu.

3. Sonar Operation

From the main screen, select a sonar view (e.g., Sonar, Split Sonar). Adjust settings such as Sensitivity, Depth Range, and Noise Filter to optimize sonar performance for current water conditions. The DualBeam PLUS sonar allows you to switch between narrow and wide beams for different levels of detail and coverage.

4. GPS Navigation

Access the Chart View to see your current position and surrounding map data. Use the directional pad to pan the map. You can mark waypoints, create routes, and navigate to specific locations. Refer to the on-screen prompts for detailed GPS functions.

5. Preset Buttons

Utilize the three programmable preset buttons to quickly switch between your most frequently used views or settings. Refer to the unit's on-screen menu for programming these buttons.

Maintenance

1. Cleaning

Regularly clean the display screen and unit housing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the screen or plastic components. For stubborn dirt, a mild soap solution can be used.

2. Storage

When not in use for extended periods, store the unit in a dry, cool place away from direct sunlight and extreme temperatures. If possible, remove the unit from the boat and store it indoors.

3. Cable and Connector Inspection

Periodically inspect all cables and connectors for signs of wear, corrosion, or damage. Ensure all connections are tight and free of moisture to prevent electrical issues.

4. Software Updates

Check the Humminbird website periodically for software updates. Keeping your unit's software up-to-date ensures you have the latest features and performance enhancements.

Troubleshooting

- **Unit does not power on:** Check power cable connections, fuse, and battery voltage. Ensure the power button is pressed firmly and held for a few seconds.
- **No sonar readings:** Verify the transducer is properly connected and submerged in water. Check sonar settings like sensitivity and depth range. Ensure the transducer is not obstructed.
- **Inaccurate GPS position:** Ensure the GPS antenna has a clear view of the sky. Check for any obstructions or interference. Allow sufficient time for the unit to acquire satellites.
- **Screen freezing or unresponsive:** Try performing a soft reset by turning the unit off and then on again. If the issue persists, consult the Humminbird support website for advanced troubleshooting or factory reset procedures.
- **Poor display clarity:** Adjust backlight settings and contrast. Clean the screen surface. Ensure the unit is not exposed to excessive glare.

Specifications

Feature	Specification
Brand	Humminbird
Model Number	409440-1
Screen Size	5 Inches
Display Type	Color TFT
Resolution	640 x 480
Power Source	Battery Powered (12V DC)
Sonar Type	DualBeam PLUS
PTP Power Output	4,000W
GPS	Integrated GPS Chartplotting
Card Slot	Yes
Item Weight	8.2 Pounds
Item Dimensions (LxWxH)	15 x 9.5 x 5 inches
UPC	807032941925, 803982912015

Warranty Information

Humminbird products are manufactured to high standards and are backed by a limited warranty. For specific warranty terms, conditions, and registration details, please refer to the warranty card included with your product or visit the official Humminbird website. Keep your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Humminbird customer support. You can find contact information and additional resources on the official Humminbird website:

Visit Humminbird Official Website

Additionally, you may find helpful information and FAQs on the Humminbird store page on Amazon:

Visit Humminbird Store on Amazon

© 2024 Humminbird. All rights reserved. Information subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question