Garmin 010-02338-01

Garmin ECHOMAP UHD 73sv Instruction Manual

Model: 010-02338-01

Brand: Garmin

1. Product Overview

The Garmin ECHOMAP UHD 73sv is a 7-inch keyed-assist touchscreen chartplotter designed to enhance your fishing and boating experience. It features a bright, sunlight-readable display and comes equipped with a GT54 transducer, providing Ultra High-Definition ClearVü and SideVü scanning sonars for crystal-clear underwater imaging. The device also includes Garmin high-wide CHIRP traditional sonar for superior target separation. Preloaded LakeVü G3 inland maps, integrated with Navionics data, offer detailed contours for over 17,000 lakes in the U.S. Its quick-release bail mount allows for easy removal and portability. With NMEA 2000 and NMEA 0183 network support, it integrates engine data, sensor connections, and autopilot systems. The ECHOMAP UHD 73sv is also compatible with the Force trolling motor for comprehensive control directly from the screen, including waypoint routing and track following.



Figure 1: Front view of the Garmin ECHOMAP UHD 73sv chartplotter, showing its 7-inch display with mapping and sonar data, and the side button panel.

2. What's in the Box

Upon unboxing your Garmin ECHOMAP UHD 73sv, verify that all the following components are included:

- ECHOMAP UHD 73sv unit with preloaded LakeVü g3 for U.S.
- GT54UHD-TM transducer
- Power/data cable
- Tilt/swivel mount with quick release cradle
- Flush mount
- Protective cover
- Hardware for installation
- Documentation (User Manual, Warranty Information)

3. Key Features

The ECHOMAP UHD 73sv offers a range of features designed for optimal performance:

- Bright, sunlight-readable 7” touchscreen with keyed assist for intuitive control.
- Includes GT54 transducer for Ultra High-Definition ClearVü and SideVü scanning sonars, alongside Garmin high-wide CHIRP traditional sonar for detailed imaging and target separation.

- Preloaded LakeVü G3 inland maps with integrated Navionics data, covering over 17,000 lakes with up to 1’ contours.
- Supports Panoptix all-seeing sonar, including Panoptix LiveScope sonar (sold separately).
- Sonar sharing capabilities with other ECHOMAP Plus, ECHOMAP UHD, and ECHOMAP Ultra units for expanded network functionality.

4. Setup

Proper setup ensures optimal performance of your ECHOMAP UHD 73sv. Follow these general steps:

1. **Mounting:** Choose a suitable location on your boat for the display unit. Use either the included tilt/swivel bail mount or the flush mount kit. Ensure the mounting surface is stable and allows for clear visibility and access to controls.
2. **Transducer Installation:** Install the GT54UHD-TM transducer according to the instructions provided in the transducer's specific manual. Proper placement is crucial for accurate sonar readings.
3. **Power Connection:** Connect the power/data cable to a 12V DC power source on your boat. Ensure the connection is secure and properly fused to prevent electrical damage.
4. **Transducer Connection:** Connect the transducer cable securely to the corresponding port on the back of the ECHOMAP UHD 73sv unit.
5. **Network Connections (Optional):** If integrating with NMEA 2000 or NMEA 0183 devices (e.g., engine data, autopilot), connect the appropriate cables to the unit's network ports.
6. **Protective Cover:** When not in use, place the protective cover over the display to shield it from environmental elements.

5. Operating Instructions

The ECHOMAP UHD 73sv features a user-friendly interface with both touchscreen and keyed controls.

5.1 Power On/Off

- To power on, press and hold the power button located on the top right of the unit.
- To power off, press and hold the power button. A menu will appear offering options to "Sleep Device," "Turn Off Device," or "Cancel." Select your desired action.

5.2 Navigation and Zoom

- **Touchscreen Control:** In mapping mode, you can pinch to zoom in or out, and drag your finger across the screen to pan the map.
- **Keyed Control:** Use the dedicated '+' and '-' buttons on the side panel for precise zoom control. These buttons offer immediate response for quick adjustments.
- **Map Details:** The preloaded LakeVü G3 maps are highly detailed, showing tracks and contours. You can save frequently used tracks for easy navigation, especially in low-light conditions.
- **Menu Bar:** The menu bar at the bottom of the screen can be configured to disappear in settings, maximizing the usable screen area for map or sonar data. Tap the screen to make it reappear.

5.3 Home Page and Combos

- The Home page provides access to all your settings and display options, allowing you to customize what information is shown on the screen.

- **Combos:** Utilize the "Combos" feature to quickly switch between different pre-set screen layouts (e.g., Traditional Sonar, Charts, SideVü, ClearVü). You can customize these combos to suit your fishing or boating needs.
- **Ice Fishing Mode:** The unit supports a dedicated ice fishing mode, which typically displays both traditional flasher-style sonar and downscan sonar simultaneously, optimized for ice fishing conditions.

5.4 ActiveCaptain Integration

- The ActiveCaptain feature allows you to connect your ECHOMAP UHD 73sv to your smartphone via Wi-Fi.
- This connection enables automatic software updates, map downloads, and access to other ActiveCaptain community features without needing physical memory cards.

5.5 Waypoint Marking

- When you encounter a fish or structure you want to mark while moving, you can pause the sonar or map display.
- Place the cursor over the desired location on the screen.
- Press the '+' button (waypoint marker) on the side panel. The unit will automatically mark this location as a waypoint in your Navionics data, allowing you to easily navigate back to it.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your ECHOMAP UHD 73sv.

- **Cleaning:** Regularly clean the screen and unit exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the display or casing.
- **Software Updates:** Utilize the ActiveCaptain app to check for and install the latest software updates. Updates often include performance improvements, new features, and bug fixes.
- **Connection Checks:** Periodically inspect all cable connections (power, transducer, network) for corrosion or damage. Ensure they are securely fastened.
- **Storage:** When not in use, especially during off-season, store the unit in a dry, temperate environment. Use the protective cover to prevent scratches and dust accumulation.

7. Troubleshooting

If you encounter issues with your ECHOMAP UHD 73sv, try the following steps:

- **No Power:**
  - Check power cable connections at both the unit and the power source.
  - Verify the fuse in the power cable is intact.
  - Ensure the boat's battery has sufficient charge.
- **No Sonar Display:**
  - Check the transducer cable connection to the unit.
  - Ensure the transducer is properly submerged and free of obstructions.
  - Verify sonar settings are correctly configured for your environment (e.g., frequency, gain).

- **GPS Not Acquiring:**
  - Ensure the unit has a clear view of the sky.
  - Allow sufficient time for the unit to acquire satellite signals.
- **Screen Unresponsive:**
  - Perform a soft reset by powering the unit off and on.
  - Ensure the screen is clean and free of debris or moisture.
- **Software Issues:**
  - Connect to ActiveCaptain for the latest software updates.
  - If issues persist, consider performing a factory reset (refer to the full documentation for instructions, as this will erase user data).

For persistent issues, contact Garmin Customer Support.

8. Specifications

Attribute	Detail
Brand	Garmin
Model Name	010-02338-01
Power Source	Battery Powered
Screen Size	7 Inches
Display Type	LCD
Item Weight	7 Pounds
Mounting Type	Wrist Mount (Note: Product description implies boat mount, "Wrist Mount" might be a generic spec from source)
UPC	753759241575
Package Dimensions	13.4 x 10 x 8.25 inches
Special Features	Touchscreen
Human Interface Input	Touchscreen
Color	Black
Manufacturer	Garmin
Date First Available	October 10, 2019

9. Warranty and Support

For warranty information, please refer to the documentation included in your product box. Garmin provides comprehensive support for its products.

For technical assistance, product registration, or to access additional resources, please visit the official Garmin support website or contact their customer service directly.

Garmin Support: www.garmin.com/support

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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