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Garmin 010-02338-00

Garmin ECHOMAP UHD 73sv User Manual

Model: 010-02338-00

Introduction

The Garmin ECHOMAP UHD 73sv is a sophisticated 7-inch keyed-assist touchscreen chartplotter designed to enhance your fishing and navigation experience. It features a bright, sunlight-readable display and supports advanced sonar technologies, including Ultra High-Definition ClearVü and SideVü scanning sonars (with optional transducer) and Garmin high-wide CHIRP traditional sonar for crystal-clear underwater imaging and remarkable target separation. Preloaded with LakeVü G3 inland maps, it offers detailed charting for over 17,000 lakes with up to 1-foot contours. The unit also provides extensive network support for NMEA 2000 and NMEA 0183, enabling integration with engine data, sensors, and autopilot systems. Its quick-release bail mount ensures easy removal and portability.

Setup and Installation

What's in the Box

- ECHOMAP UHD 73sv with LakeVü g3 for U.S.
- 8-pin transducer to 12-pin sounder adapter cable
- Power/data cable
- Tilt/swivel mount with quick release cradle
- Flush mount
- Protective cover
- Hardware
- Documentation

Mounting Options

The ECHOMAP UHD 73sv offers versatile mounting options. The quick-release bail mount allows for easy removal and portability, while a flush mount option is available for a more integrated installation into your vessel's dashboard. Detailed installation instructions, including template and hardware requirements, are provided in the included documentation to ensure proper and secure mounting.

Connecting Peripherals

This device supports NMEA 2000 and NMEA 0183 network protocols, enabling seamless integration with various marine electronics. You can connect to compatible transducers (e.g., GT54, sold separately), engine data systems, additional sensors, and autopilot units. Ensure all cable connections are firmly seated and the protective caps are used

on unused ports to maintain water resistance.



Figure 1: Front view of the Garmin ECHOMAP UHD 73sv, showcasing its 7-inch keyed-assist touchscreen display and intuitive button layout for navigation and control.



Figure 2: Rear view of the Garmin ECHOMAP UHD 73sv, illustrating the various connection ports including power, NMEA 2000, and transducer inputs for external devices.

Operating Instructions

Powering On/Off

To power on the ECHOMAP UHD 73sv, press and hold the power button located on the top right side of the unit until the screen illuminates. To power off, press and hold the same button until the power-off prompt appears, then confirm. A quick press of the power button will bring up options for backlight adjustment and screen lock.

Touchscreen and Keyed Assist

The device features a highly responsive touchscreen for primary interaction, allowing for intuitive navigation through menus and map panning/zooming. For precise control, especially in rough conditions, the physical buttons on the right side provide keyed assist. These include dedicated buttons for zooming (+/-), menu access, and a directional pad for fine adjustments and selection.

Sonar Functionality

When connected to a compatible transducer (e.g., GT54, sold separately), the ECHOMAP UHD 73sv offers advanced sonar capabilities. This includes Ultra High-Definition ClearVü and SideVü scanning sonars, which provide photographic-like images of fish and structure below and to the sides of your boat. The Garmin high-wide CHIRP traditional sonar delivers excellent target separation, allowing you to distinguish individual fish. Sonar views can be customized and accessed directly from the main screen or through dedicated menu options.

Charting and Navigation

Navigate with confidence using the preloaded LakeVü G3 inland maps, which integrate Navionics data and offer detailed 1-foot contours for over 17,000 U.S. lakes. You can easily create and manage waypoints, build routes, and follow tracks directly on the chartplotter. The unit also supports integration with the Force trolling motor, providing full control and advanced routing capabilities directly from the ECHOMAP screen.

Network Capabilities

Leverage the NMEA 2000 and NMEA 0183 network support to expand the functionality of your ECHOMAP UHD 73sv. This allows for the display of engine data, connection to various marine sensors (e.g., fuel flow, temperature), and integration with compatible autopilot systems. Furthermore, the device supports sonar sharing with other ECHOMAP Plus, ECHOMAP UHD, and ECHOMAP Ultra units on your network, allowing multiple displays to view the same sonar data.

Maintenance

Cleaning the Device

To maintain the clarity and longevity of your ECHOMAP UHD 73sv, regularly clean the screen and exterior casing. Use a soft, clean, damp cloth. For stubborn smudges, a mild soap solution can be applied to the cloth, then wipe the device. Avoid using abrasive cleaners, solvents, or chemical-based products as these can damage the display coating and plastic components. Ensure the device is powered off before cleaning.

Software Updates

Garmin periodically releases software updates to improve performance, add new features, and address any known issues. It is recommended to check for and install these updates to ensure your device operates optimally. Software updates can typically be downloaded from the official Garmin website and installed via an SD card or direct connection to a computer. Follow the specific instructions provided with each update.

Storage

When the device is not in use for extended periods, especially during off-season, store it in a dry environment with stable temperatures. Avoid exposing it to extreme heat or cold. Always use the provided protective cover to shield the screen from scratches, dust, and direct sunlight, which can cause damage over time. Disconnect all cables before

storing.

Troubleshooting

No Power

- Verify the power cable is securely connected to both the ECHOMAP unit and the vessel's power source.
- Check the inline fuse on the power cable and any relevant fuses in your boat's fuse panel. Replace if blown.
- Ensure the battery or power supply is providing adequate voltage (typically 10-32 Vdc).

No Sonar Readings

- Confirm the transducer cable is properly connected to the correct port on the back of the ECHOMAP unit.
- Ensure the transducer is fully submerged in water and free from marine growth or obstructions.
- Check the sonar settings on the device to ensure the correct transducer type is selected and sonar is enabled.

GPS Signal Loss

- Ensure the device has a clear, unobstructed view of the sky. Tall structures or dense tree cover can interfere with GPS reception.
- Allow sufficient time (several minutes) for the device to acquire satellites, especially after moving to a new location or initial power-up.
- If using an external GPS antenna, verify its connection and placement.

Touchscreen Not Responding

- Clean the touchscreen surface to remove any dirt, water, or debris that might be interfering with touch input.
- Perform a soft reset by powering the device off and then on again.
- If the issue persists, consider performing a factory reset (refer to the full manual for instructions, as this will erase user data).

Specifications

Feature	Detail
Brand	Garmin
Model Name	010-02338-00
Screen Size	7 Inches
Display Type	LCD
Power Source	DC Power Supply
Item Weight	1.7 Pounds
Maximum Measuring Depth	2300 Feet
Mounting Type	Dashboard Mount
Special Features	Touchscreen

UPC	753759241568
Package Dimensions	13.4 x 10.2 x 8.3 inches

Warranty and Support

For comprehensive warranty information regarding your Garmin ECHOMAP UHD 73sv, please refer to the warranty card or documentation included in the product packaging. You can also find detailed warranty terms and conditions on the official Garmin website. For technical assistance, product registration, software downloads, and access to frequently asked questions, please visit the dedicated Garmin Support Center online at www.garmin.com/support. Customer service representatives are available to assist with any inquiries or issues you may encounter.

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