

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [Garmin](#) /

> [Garmin ECHOMAP UHD 93sv with GT56UHD-TM Transducer - 9-inch Keyed-Assist Touchscreen Chartplotter Instruction Manual](#)

Garmin ECHOMAP UHD 93sv

Garmin ECHOMAP UHD 93sv with GT56UHD-TM Transducer Instruction Manual

Model: ECHOMAP UHD 93sv (010-02523-01)

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Garmin ECHOMAP UHD 93sv chartplotter with GT56UHD-TM Transducer. Please read thoroughly to ensure proper use and to maximize the performance of your device.

WHAT'S IN THE BOX

Your package should contain the following items:

- ECHOMAP UHD 93sv combo unit
- GT56UHD-TM transducer
- Power/data cable
- 8-pin transducer to 12-pin sounder adapter cable
- Tilt/swivel mount (for 9-inch unit)
- Flush mount kit
- Protective cover
- Hardware
- Documentation

SETUP

Mounting the Unit

The ECHOMAP UHD 93sv can be installed using either the included tilt/swivel bail mount or a flush mount. Ensure the chosen location provides clear visibility and easy access to controls.

Transducer Installation

Install the GT56UHD-TM transducer according to the detailed instructions in the included documentation. Proper

transducer placement is crucial for optimal sonar performance. Connect the 8-pin transducer cable to the 12-pin sounder adapter cable, then connect to the main unit.

Power and Data Connection

Connect the power/data cable to your boat's power source and the ECHOMAP unit. The unit supports NMEA 2000 and NMEA 0183 networks for integration with autopilots, engine data, and heading sensors.

OPERATING INSTRUCTIONS

Keyed-Assist Touchscreen Display

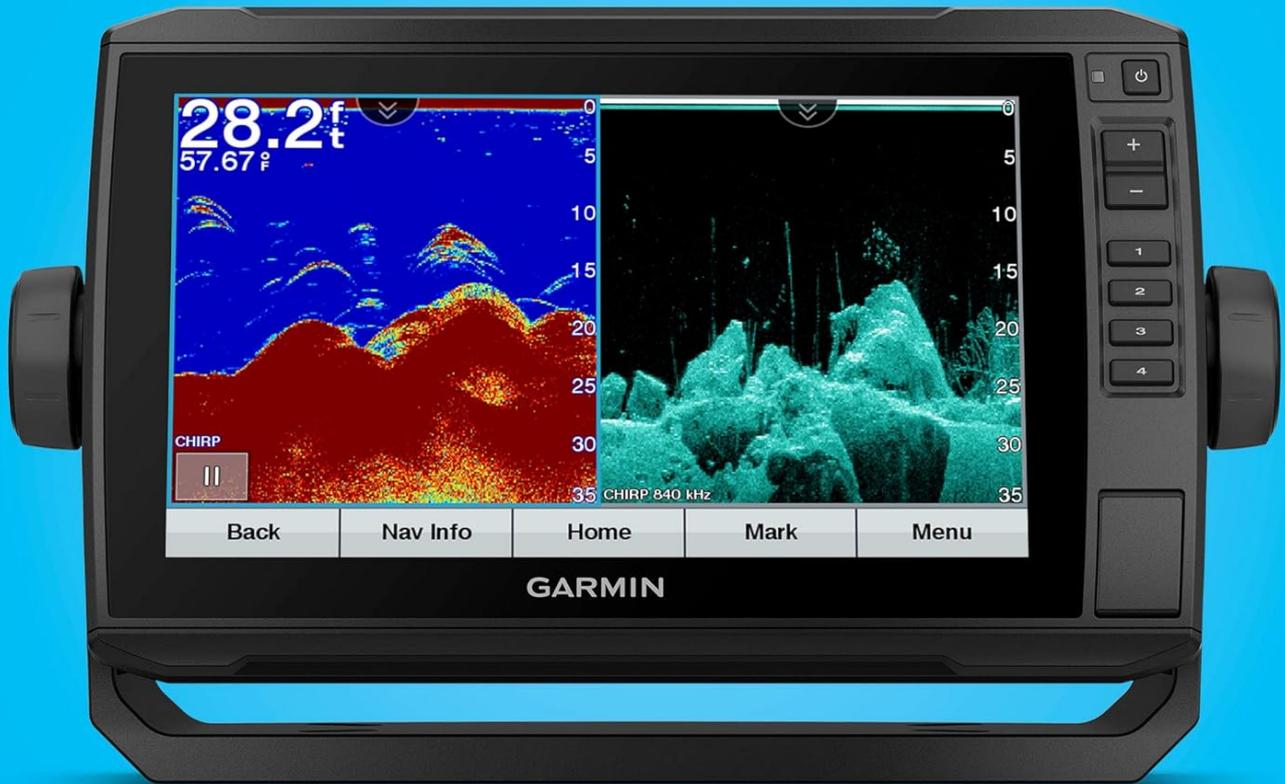
Your ECHOMAP UHD 93sv features a bright, sunlight-readable 9-inch touchscreen with keyed assist buttons for intuitive control. The touchscreen is highly responsive, allowing for smooth panning and zooming on maps and sonar views. Physical buttons provide quick access to essential functions like zoom in/out and menu navigation.

Video: Demonstrates the responsive touchscreen and physical buttons for navigation and zooming on the Garmin ECHOMAP UHD 93sv.

Sonar Functionality

The included GT56UHD-TM transducer provides advanced sonar capabilities:

- **Garmin CHIRP Traditional Sonar:** Offers clear target separation and definition.
- **Ultra High-Definition ClearVü Scanning Sonar:** Provides a photographic view of fish and structure below your boat.
- **SideVü Scanning Sonar:** Shows a clear view of fish and structure to the sides of your boat with 20% greater range and three frequencies for top performance at all depths.
- **Vivid Color Palettes:** Easily distinguish targets and structure with enhanced color options.
- **Panoptix All-Seeing Sonar:** Supports Panoptix and LiveScope sonar for real-time, live-scanning views (additional transducer required).



Included GT56 transducer for Ultra High-Definition scanning sonar and CHIRP traditional sonar.

Image: The ECHOMAP UHD 93sv display showcasing the clarity of ClearVü sonar, revealing intricate details of submerged structures.



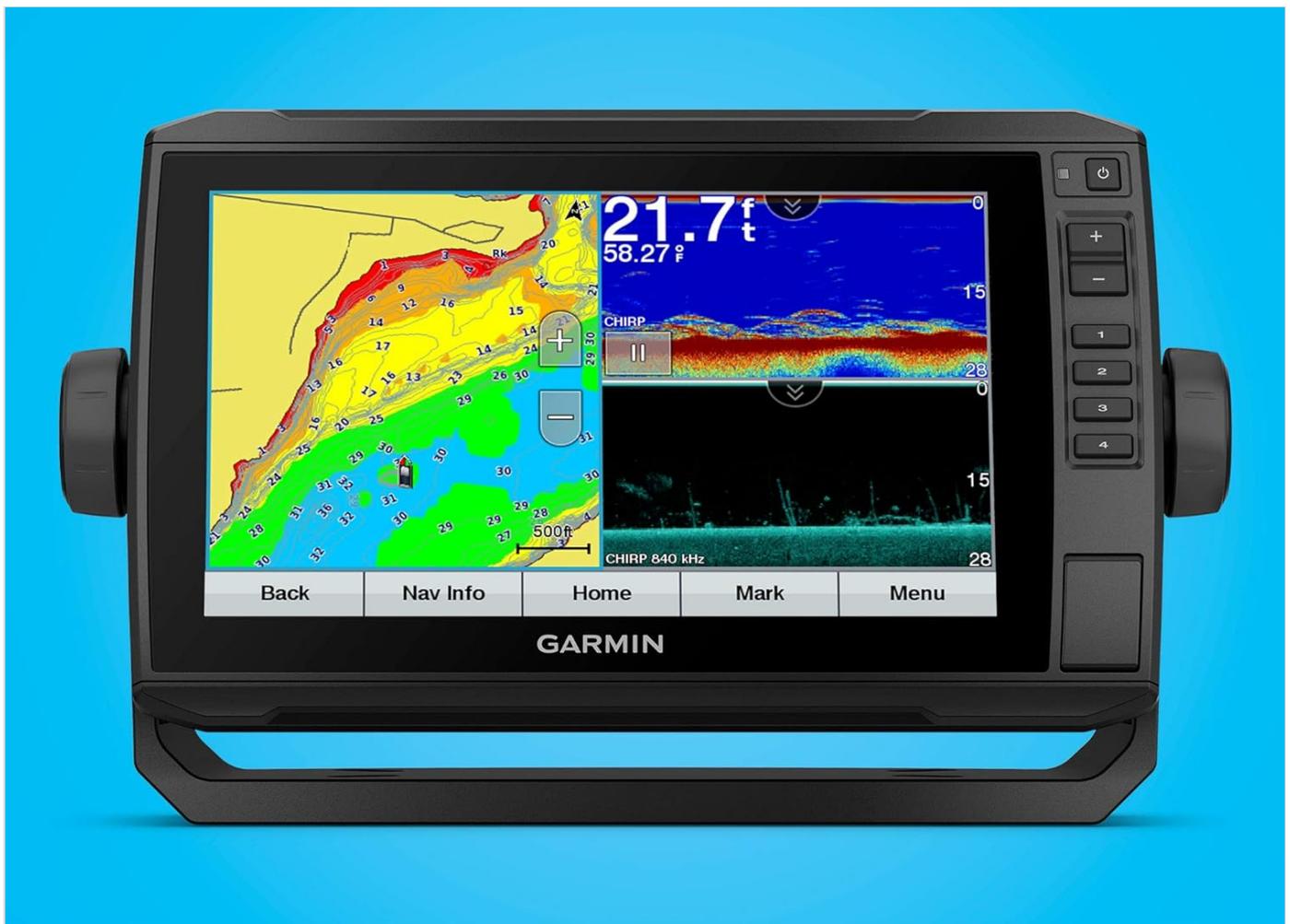
Supports Panoptix™ all-seeing sonar, including Panoptix LiveScope™ sonar.

Image: The ECHOMAP UHD 93sv display illustrating SideVü sonar, providing a broad, detailed scan of the underwater environment to the sides of the boat.

Video: A detailed guide on using ClearVü and Down Imaging sonar features on the Garmin ECHOMAP UHD 93sv, explaining how to interpret the displayed information.

Mapping and Navigation

The unit comes preloaded with LakeVü g3 inland maps, featuring integrated Navionics data. These maps cover over 18,000 lakes with up to 1-foot contours, providing detailed navigational information. The ECHOMAP UHD 93sv is also compatible with the Force trolling motor, allowing for full control and navigation directly from the screen.



Bright, sunlight-readable 9" touchscreen
with keyed assist.

Image: The ECHOMAP UHD 93sv display showcasing the detailed LakeVü g3 maps, highlighting depth contours and navigational data for inland waters.

Display Settings and Customization

Customize your viewing experience with various display settings:

- **Backlight:** Adjust screen brightness for optimal visibility in different lighting conditions.
- **Color Mode:** Switch between day and night color palettes for comfortable viewing.
- **Lock Touchscreen:** Prevent accidental touches by locking the touchscreen, useful during rough conditions or when using physical buttons.

Video: Explains 5 essential tips and tricks for the Garmin ECHOMAP UHD 93sv, including how to lock the touchscreen and adjust color modes for various conditions.

MAINTENANCE

To ensure the longevity and optimal performance of your ECHOMAP UHD 93sv, follow these maintenance guidelines:

- **Cleaning:** Use a soft, clean cloth and a mild glass cleaner to clean the screen. Avoid abrasive cleaners or solvents.
- **Protective Cover:** Always use the provided protective cover when the unit is not in use, especially during storage or transport, to prevent scratches and damage.

- **Connections:** Periodically check all cable connections for corrosion or damage. Ensure they are securely fastened.

TROUBLESHOOTING

- **Sonar Interference:** If experiencing interference, especially from non-brushless trolling motors, try moving ground and power cables away from the trolling motor. Ensure proper transducer mounting.
- **Slow GPS:** GPS performance can sometimes be affected by location or environmental factors. Ensure the unit has a clear view of the sky.

SPECIFICATIONS

Feature	Detail
Brand	Garmin
Model Name	ECHOMAP UHD 93sv
Model Number	010-02523-01
UPC	753759264468
Power Source	Battery Powered
Screen Size	9 Inches
Display Type	WVGA, NP
Mounting Type	Bail Mount
Item Weight	8 Pounds
Item Dimensions (L x W x H)	7.8"L x 4.8"W x 9"H

WARRANTY AND SUPPORT

Your Garmin ECHOMAP UHD 93sv comes with a **2-year limited warranty**. For detailed warranty information, troubleshooting, or additional support, please refer to the comprehensive documentation included in your product package or visit the official Garmin support website.