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Garmin 010-02527-51

Garmin ECHOMAP Ultra 106sv GN+ with Transducer Instruction Manual

Model: 010-02527-51

Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your Garmin ECHOMAP Ultra 106sv GN+ with Transducer. Please read these instructions thoroughly before using the device to ensure optimal performance and safety.

Setup

Unboxing and Initial Inspection

Carefully unpack all components and verify that all items listed below are present and undamaged. If any items are missing or damaged, contact Garmin customer support.

- ECHOMAP Ultra 106sv with Garmin Navionics+
- GT56UHD-TM transducer
- Power/data cable
- Tilt mount with quick release cradle
- Flush mount
- Protective cover
- Hardware
- Documentation
- 8-pin transducer to 12-pin sounder adapter cable



The ECHOMAP Ultra 106sv unit as it appears when first unboxed, securely nestled in its packaging.

Mounting Options

The ECHOMAP Ultra 106sv offers versatile mounting solutions to suit your vessel's dashboard or console. You can choose between a tilt mount with a quick-release cradle for adjustable viewing angles or a flush mount for a sleek, integrated look.





Side view of the ECHOMAP Ultra 106sv unit attached to its tilt mount, allowing for angle adjustments.



The rear panel of the ECHOMAP Ultra 106sv, highlighting the power, data, and transducer ports for connection.

Operating Instructions

Powering On/Off

To power on the device, press and hold the power button located on the unit's side until the screen illuminates. To power off, press and hold the power button again until the power options menu appears, then select 'Power Off' or 'Sleep'.

Navigating the Interface

The ECHOMAP Ultra 106sv features a responsive touchscreen display for intuitive navigation. You can tap, swipe, and pinch-to-zoom on the screen. Additionally, physical buttons on the side provide quick access to common functions and menu navigation.



The ECHOMAP Ultra 106sv display showing detailed sonar returns, indicating underwater structures and potential fish.

Chartplotter Functions

Utilize the preloaded Garmin Navionics+ charts for detailed navigation. The device supports various chart views, including:

- **Navigational Charts:** Standard marine charts for safe passage.
- **Fishing Charts:** Detailed contour lines and depth information to identify prime fishing spots.
- **3D Charts:** A three-dimensional perspective of the underwater terrain.



Split-screen view on the ECHOMAP Ultra 106sv, showing both navigational charts and sonar data simultaneously for comprehensive situational awareness.

Sonar Functions

The included GT56UHD-TM transducer provides advanced sonar capabilities:

- **Traditional Sonar:** Classic sonar view for general depth and fish arches.
- **ClearVü Sonar:** Provides a clear, photographic image of what is below your boat.
- **SideVü Sonar:** Scans the sides of your boat for a wide view of underwater structures and fish.



The ECHOMAP Ultra 106sv showcasing SideVü sonar, revealing a detailed image of a submerged structure, possibly a shipwreck, on the lakebed.

Waypoints and Routes

Mark specific locations as waypoints by tapping the 'Mark' button on the screen or using the dedicated physical button. You can create and manage routes to navigate between multiple waypoints.

Maintenance

Cleaning the Display

To clean the display, use a clean, soft, lint-free cloth. If necessary, use a small amount of water or a mild glass cleaner. Avoid harsh chemicals or abrasive materials that could damage the screen.

Software Updates

Keep your ECHOMAP Ultra 106sv up-to-date by regularly checking for software updates. Updates can be performed via the ActiveCaptain app on your smartphone or tablet, which allows you to download and transfer updates to your chartplotter.

Troubleshooting

Common Issues

- **No Power:** Ensure the power/data cable is securely connected to both the device and the power source. Check the vessel's fuse.
- **No Sonar Data:** Verify the transducer is properly connected and submerged. Check sonar settings for correct frequency and range.

- **GPS Signal Loss:** Ensure the device has a clear view of the sky. Move away from tall structures or other electronics that may cause interference.

Contact Support

For further assistance or issues not covered in this manual, please visit the official Garmin support website or contact their customer service directly.

Specifications

Feature	Specification
Brand	Garmin
Model Name	ECHOMAP Ultra 2 10
Screen Size	10 Inches
Display Type	LED
Item Weight	4 Pounds
Mounting Type	Tilt Mount, Flush Mount
UPC	753759285142
Item Model Number	010-02527-51

Warranty and Support

Your Garmin ECHOMAP Ultra 106sv GN+ with Transducer is covered by Garmin's standard limited warranty. For detailed warranty terms, product registration, and access to comprehensive support resources, please visit the official Garmin website: www.garmin.com/support.
For immediate assistance, you may also refer to the documentation included in your product packaging or contact Garmin customer service.

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