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Lowrance 000-11146-001

Lowrance Elite-5 HDI Combo User Manual

Model: 000-11146-001

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lowrance Elite-5 HDI Combo unit. The Elite-5 HDI Combo is a versatile marine electronics device combining a chartplotter with a fishfinder, featuring a 5-inch color display and Hybrid Dual Imaging (HDI) sonar technology, which integrates Broadband Sounder and DownScan Imaging for detailed underwater views. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your Elite-5 HDI Combo unit. Ensure all connections are secure and waterproof.

1. Mounting the Display Unit

Select a location on your vessel that provides clear visibility and easy access to controls, away from direct sunlight if possible. Use the included gimbal bracket and mounting hardware to secure the unit. Ensure there is adequate space behind the unit for cable connections and ventilation.

2. Power Connection

Connect the red wire from the power cable to the positive (+) terminal of a 12V DC power source (e.g., boat battery) and the black wire to the negative (-) terminal. It is recommended to install an in-line 3-amp fuse on the positive wire, close to the battery, for protection.

3. Transducer Installation

The 50/200-455/800KHz HDI Skimmer transducer should be mounted in a location that provides an unobstructed view of the water beneath the hull. Common mounting options include transom mount, in-hull, or through-hull. Refer to the transducer-specific installation guide for detailed instructions. Ensure the transducer cable is routed away from sources of electrical interference.

4. Initial Power-On

Once all connections are made, press and hold the **LIGHT/POWER** button to turn on the unit. The unit will perform a self-test and then display the main menu or last-used screen.



This image displays the Lowrance Elite-5 HDI Combo unit. The screen shows a split view: a chartplotter on the left with navigation data, and two sonar views on the right, indicating depth and underwater structures at 200kHz and 455kHz frequencies. The unit features a keypad with directional buttons, MENU, ENTER, PAGES, MOB, and LIGHT/POWER buttons.

OPERATING INSTRUCTIONS

Familiarize yourself with the unit's controls and display modes for effective use.

1. Basic Controls

- LIGHT/POWER Button: Press briefly to adjust backlight; press and hold to power on/off.
- PAGES Button: Cycles through available screen layouts (e.g., Chart, Sonar, Split-screen).
- MENU Button: Accesses the menu for the currently displayed page. Press twice to access the main system

menu.

- ENTER Button: Confirms selections in menus or marks waypoints.
- Directional Pad: Navigates through menus and moves the cursor on the chart or sonar screen.
- MOB Button (+/-): Marks a Man Overboard (MOB) waypoint. The '+' and '-' buttons also control zoom or range depending on the screen.

2. Display Modes

The Elite-5 HDI Combo offers various display configurations:

- Chartplotter View: Displays navigation charts, your vessel's position, waypoints, and routes.
- Sonar View (Broadband Sounder): Shows traditional sonar returns, ideal for identifying fish arches and bottom composition. Operates at 200kHz or 50kHz (if applicable).
- DownScan Imaging View: Provides photo-like images of structure and fish directly beneath your boat, operating at 455kHz or 800kHz.
- Split-Screen Views: Combine two or more views, such as Chart/Sonar, Sonar/DownScan, or Chart/Sonar/DownScan, for comprehensive information.

3. Interpreting the Display

The screen provides real-time data:

- Depth (DPH): Current water depth.
- Water Temperature (TWTR): Temperature of the water.
- Speed Over Ground (SOG): Your vessel's speed relative to the ground.
- Sonar Returns: Fish appear as arches or distinct shapes. Structure appears as defined contours.

4. Adjusting Settings

Use the MENU button to access settings for the current screen. Common adjustments include:

- Sensitivity: Adjusts how much detail the sonar displays. Increase for clearer returns in deep water, decrease to reduce clutter in shallow water.
- Range: Sets the maximum depth displayed on the sonar screen.
- Frequency: Switch between 200kHz (for deeper water and wider coverage) and 455kHz (for higher detail in shallower water) on HDI models.
- Color Palette: Change the color scheme of the sonar display.

MAINTENANCE

Regular maintenance ensures the longevity and performance of your Elite-5 HDI Combo.

1. Cleaning the Display Unit

Wipe the screen and unit casing with a soft, damp cloth. For stubborn dirt, use a mild soap solution**Do not use** abrasive cleaners, solvents, or ammonia-based products, as these can damage the display and casing.

2. Transducer Care

Periodically inspect the transducer for marine growth or damage. Clean the transducer face with a soft cloth and fresh water. Remove any barnacles or algae carefully to avoid scratching the surface, which can impair performance.

3. Storage

When not in use for extended periods, especially in harsh conditions, it is recommended to remove the display unit from its bracket and store it in a dry, temperature-controlled environment. Disconnect power to prevent battery drain.

TROUBLESHOOTING

This section addresses common issues you might encounter.

No Power

- · Check all power cable connections for looseness or corrosion.
- Verify the fuse in the power line is intact and not blown.
- · Ensure the battery has sufficient charge.

No Depth Reading or Poor Sonar Image

- · Check the transducer cable connection to the unit.
- Inspect the transducer face for marine growth or damage. Clean if necessary.
- Ensure the transducer is properly submerged and not experiencing aeration (air bubbles passing over its face).
- · Adjust sonar sensitivity and range settings.
- Verify the correct transducer type is selected in the system settings.

GPS Not Acquiring Position

- Ensure the unit has a clear view of the sky, unobstructed by overhead structures.
- Allow sufficient time for the GPS receiver to acquire satellites (can take several minutes on first use or after long periods of inactivity).

If problems persist after following these steps, contact Lowrance customer support.

SPECIFICATIONS

Feature	Specification
Brand	Lowrance
Model Name	000-11146-001
Screen Size	5 Inches
Display Type	LCD, Color Screen
Screen Resolution	480 x 480 pixels

Power Source	Battery Powered (12V DC)
Item Weight	1.59 kg (3.5 Pounds)
Product Dimensions (LxWxH)	25.4 x 20.32 x 20.32 cm
Memory Slots Available	2
Transducer Frequencies	50/200kHz (Broadband), 455/800kHz (DownScan)

WARRANTY AND SUPPORT

Your Lowrance Elite-5 HDI Combo unit is covered by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including warranty period and coverage details. Keep your proof of purchase for warranty claims.

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Lowrance customer support. Contact information can typically be found on the Lowrance official website or in the product packaging.

Related Documents - 000-11146-001



Lowrance Elite-7 FAQ: Hybrid Dual Imaging, Transducers, and Networking

Explore the Lowrance Elite-7 FAQ, covering Hybrid Dual Imaging (HDI) sonar technology, networking capabilities, transducer compatibility, and comparisons with other Lowrance models. Learn about HDI features, NMEA2000 connectivity, and available accessories.



Lowrance Elite-4x HDI Operation Manual: Features, Settings, and Specifications

Comprehensive operation manual for the Lowrance Elite-4x HDI fishfinder and sonar unit. This guide details unit controls, basic operation, sonar and DownScan features, system settings, specifications, and contact information.



Lowrance Eagle 4x Installation and Mounting Template

Installation guide and mounting template for the Lowrance Eagle 4x fishfinder, including technical specifications, included accessories, and mounting instructions.



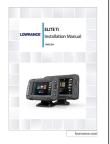
Lowrance Marine Electronics Quick Guide: Navigation and Sonar Features

A concise guide to operating Lowrance marine electronics, covering front controls, display settings, page navigation, route creation, trails, sonar, and waypoint management.



Lowrance Eagle Series Operator Manual

Comprehensive operator manual for the Lowrance Eagle Series fishfinders, covering basic operation, customization, charts, navigation, sonar, structure mapping, alarms, tools, maintenance, and simulator functions.



Lowrance ELITE Ti Installation Manual: Your Guide to Marine Electronics Setup

Install your Lowrance ELITE Ti series fishfinder and chartplotter with confidence. This comprehensive installation manual covers everything from mounting and wiring to software setup and accessories for marine navigation.