Lewmar 66830014

Lewmar AA150 Chaincounter User Manual

Model: 66830014

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lewmar AA150 Chaincounter. The AA150 Rode Counter is designed to accurately display the length of anchor rode deployed through your windlass, ensuring precise anchoring operations. It is compatible with any windlass system.
Please read this manual thoroughly before installation and operation to ensure safe and efficient use of the product.

Key Features

- **LCD Display:** Provides clear, at-a-glance information on the amount of anchor rode deployed.
- **Docking Alarm:** An audible alarm sounds when the anchor is nearing the docking position, enhancing safety.
- **Adjustable Backlighting:** Features adjustable red backlighting for optimal visibility in low-light conditions and during night viewing.
- **Measurement Units:** Offers the choice of displaying rode measurement in either feet or meters.
- **Ease of Use:** Designed for straightforward installation and simple setup procedures.

Product Overview



Figure 1: Front view of the Lewmar AA150 Chaincounter. The display shows a numerical value, and two buttons, typically for adjustment, are visible at the bottom.

Setup and Installation

The Lewmar AA150 Chaincounter is designed for plug-and-play installation. Follow these general guidelines:

1. **Mounting Location:** Choose a suitable location on your vessel's dashboard or control panel that is easily visible and accessible. Ensure the location is protected from direct water exposure if not rated for full submersion.
2. **Power Connection:** Connect the chaincounter to a stable 12V or 24V DC power source, as specified in the detailed wiring diagram provided with the product packaging. Ensure proper fusing.
3. **Sensor Connection:** Connect the rode sensor cable to the designated port on the chaincounter. The sensor should be installed near the windlass to accurately measure the rode deployment. Refer to the specific sensor installation instructions for optimal placement.
4. **Initial Setup:**
    - **Unit Selection:** Power on the device. Use the control buttons (typically '+' and '-' or similar) to select your preferred unit of measurement (feet or meters).
    - **Calibration:** Calibrate the chaincounter according to the length of your anchor rode and chain/rope combination. This usually involves deploying a known length of rode and adjusting the counter to match. Detailed calibration steps are in the full instruction manual.
5. **Testing:** After installation and setup, perform a test deployment and retrieval of your anchor to ensure the chaincounter is accurately measuring the rode.

Note: *For detailed wiring diagrams and specific mounting templates, please refer to the complete installation guide included in the product packaging.*

Operating Instructions

Using your Lewmar AA150 Chaincounter is straightforward:

1. **Power On/Off:** The unit typically powers on with the vessel's ignition or a dedicated switch.

2. **Rode Deployment:** As you deploy your anchor rode, the LCD display will automatically show the length of rode that has been paid out.
3. **Rode Retrieval:** When retrieving the anchor, the display will count down the length of rode.
4. **Docking Alarm:** Pay attention to the docking alarm feature. This alarm will sound when the anchor is close to being fully retrieved, providing an audible warning to prevent damage.
5. **Adjusting Backlight:** Use the designated buttons (refer to your unit's specific button functions) to adjust the intensity of the red backlighting for optimal viewing in various light conditions.
6. **Resetting the Counter:** The counter can usually be reset to zero when the anchor is fully stowed. Consult your full manual for the specific button sequence to perform a reset.

Maintenance

The Lewmar AA150 Chaincounter requires minimal maintenance to ensure long-term performance:

- **Cleaning:** Regularly wipe the display and casing with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surface.
- **Connections:** Periodically check all electrical connections for corrosion or looseness. Ensure they are clean and secure.
- **Sensor Inspection:** Inspect the rode sensor and its cable for any signs of wear, damage, or marine growth that could impede its function. Clean the sensor as necessary.
- **Winterization:** If your vessel is stored in freezing temperatures, ensure the chaincounter and its associated wiring are protected according to standard marine electronics winterization procedures.

Troubleshooting

If you encounter issues with your Lewmar AA150 Chaincounter, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Display is blank or not powering on.	No power, loose connection, blown fuse.	Check power supply, inspect wiring connections, replace fuse if necessary.
Inaccurate rode measurement.	Incorrect calibration, faulty sensor, debris on sensor.	Recalibrate the unit, inspect and clean the sensor, check sensor wiring.
Docking alarm not sounding.	Alarm setting disabled, faulty internal speaker.	Check alarm settings in the menu, contact support if internal fault is suspected.
Buttons are unresponsive.	Unit frozen, internal fault.	Try cycling power to the unit. If issue persists, contact Lewmar support.

If these steps do not resolve the issue, please contact Lewmar customer support or a qualified marine electronics technician.

Specifications

Attribute	Detail
Model Number	66830014

Attribute	Detail
Brand	Lewmar
Product Type	Chaincounter / Rode Counter
Display Type	LCD with red backlighting
Measurement Units	Feet or Metres
Compatibility	Fits any windlass
Parcel Dimensions	22.86 x 14.61 x 0.95 cm
Item Weight	499 g
Exterior Finish	Machined
ASIN	B07SLS1636
Date First Available	Jan. 25 2022

Warranty and Support

For information regarding the product warranty, please refer to the warranty card included with your Lewmar AA150 Chaincounter or visit the official Lewmar website. Warranty terms and conditions may vary by region.
If you require technical assistance, spare parts, or have questions not covered in this manual, please contact Lewmar customer support:

- **Lewmar Official Website:** www.lewmar.com (Check for regional contact information)
- **Customer Service:** Refer to the contact details provided in your product packaging or on the official website.

When contacting support, please have your product model number (66830014) and purchase date ready.

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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.

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