

Lowrance 000-13703-001

Lowrance AUTO-STBY Button Metal Instruction Manual

Model: 000-13703-001

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lowrance AUTO-STBY Button Metal. Please read this manual thoroughly before use to ensure proper function and longevity of the product. This button is designed to integrate with compatible Lowrance marine electronic devices, enabling a convenient way to manage their standby state.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product or other equipment:

- **Disconnect Power:** Always disconnect power to the marine electronic system before attempting any installation, wiring, or maintenance.
- **Proper Wiring:** Ensure all wiring connections are secure and correctly polarized (positive to positive, negative to negative/ground) to prevent electrical shorts or damage.
- **Environmental Protection:** While designed for marine environments, ensure the button is installed in a location that minimizes exposure to direct water spray or submersion unless explicitly rated for such conditions.
- **Professional Installation:** If you are unsure about any part of the installation process, consult a qualified marine electronics technician.

3. PRODUCT OVERVIEW

The Lowrance AUTO-STBY Button Metal is a robust, momentary push-button switch designed for integration with Lowrance marine electronics. It features a durable metal construction and pre-attached wiring for straightforward connection to your device's AUTO-STBY input.



Figure 3.1: Front view of the Lowrance AUTO-STBY Button Metal, showing the polished metal button and its attached black cable, terminating in red and black spade connectors.



Figure 3.2: Angled view of the Lowrance AUTO-STBY Button Metal, highlighting the threaded body and securing nut, indicating its panel-mount design.

4. SETUP & INSTALLATION

Follow these steps for proper installation of your AUTO-STBY Button Metal:

1. **Choose Mounting Location:** Select a suitable location on your boat's dashboard or panel that is easily accessible and provides adequate protection from direct water exposure. Ensure there is sufficient space behind the panel for the button's body and wiring.
2. **Prepare Mounting Hole:** Drill a hole of the appropriate diameter (refer to specifications for exact size) in the chosen mounting surface. Deburr the edges of the hole to prevent damage to the wiring.
3. **Mount the Button:** Insert the threaded body of the button through the drilled hole. Secure it in place using the provided nut on the backside of the panel. Tighten firmly but do not overtighten.
4. **Wiring Connections:**
 - Identify the AUTO-STBY input on your Lowrance marine electronic device. Consult your device's specific user manual for the correct wiring diagram and pinout.
 - Connect the **red wire** from the AUTO-STBY button to the positive (+) input terminal designated for the AUTO-STBY function on your Lowrance device.
 - Connect the **black wire** from the AUTO-STBY button to the negative (-) or ground terminal designated for the AUTO-STBY function on your Lowrance device.
 - Ensure all connections are secure and insulated to prevent short circuits.
5. **Test Functionality:** Once installed and wired, reconnect power to your marine electronic system. Test the button by pressing it and observing if your Lowrance device enters or exits standby mode as expected.

5. OPERATING INSTRUCTIONS

The AUTO-STBY Button Metal functions as a momentary switch. Its primary purpose is to toggle the standby

mode of compatible Lowrance marine electronic devices. The exact behavior (e.g., whether it puts the device into standby or wakes it up) depends on the specific Lowrance device it is connected to and its current state.

- **To Activate/Deactivate Standby:** Simply press and release the AUTO-STBY button.
- **Device Specific Behavior:** Refer to the user manual of your specific Lowrance fish finder, chartplotter, or other marine electronic device for detailed information on how it interprets the AUTO-STBY input and what functions are associated with it.

6. MAINTENANCE

The AUTO-STBY Button Metal is designed for durability and requires minimal maintenance. However, regular inspection and cleaning will ensure its longevity and reliable operation:

- **Cleaning:** Wipe the button surface with a soft, damp cloth to remove salt residue, dirt, or grime. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the metal finish or internal components.
- **Inspection:** Periodically inspect the button and its wiring for any signs of wear, corrosion, fraying, or damage. Pay close attention to the connections at the back of the panel.
- **Corrosion Prevention:** In highly corrosive marine environments, consider applying a thin layer of dielectric grease to exposed electrical connections to prevent corrosion.

7. TROUBLESHOOTING

If your AUTO-STBY Button Metal is not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Button does not respond.	No power to the connected device. Incorrect wiring. Loose or corroded connections. Incompatible device.	Ensure the Lowrance device is powered on. Verify wiring against your device's manual. Check all connections for tightness and cleanliness. Confirm your Lowrance device supports an AUTO-STBY input.
Button feels sticky or sluggish.	Dirt or salt buildup around the button mechanism.	Clean the button surface and edges with a damp cloth. Avoid forcing the button.
Intermittent function.	Loose wiring connection. Partial corrosion.	Inspect and re-secure all wiring connections. Clean any signs of corrosion.

If the problem persists after attempting these solutions, it may indicate an internal fault with the button or the connected device. In such cases, it is recommended to contact Lowrance customer support or a qualified marine electronics technician.

8. SPECIFICATIONS

Attribute	Detail
Brand Name	Lowrance
Model Name	AUTO-STBY BUTTON METAL

Attribute	Detail
Part Number	000-13703-001
Material	Metal (specific alloy not specified)
Manufacturer	Navico
Date First Available	January 14, 2019
Included Components	C-MAP MAX-N+ L: LIVERPOOL TO SWANSEA <i>(Note: This component listing appears to be an error in the original product data and is not physically included with the button.)</i>

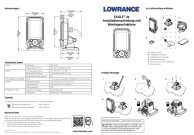


9. WARRANTY & SUPPORT

Warranty information for the Lowrance AUTO-STBY Button Metal is currently unknown. For product support, technical assistance, or to inquire about warranty details, please contact Lowrance customer service directly or visit their official store.

You can find more information and contact options by visiting the [Lowrance Store on Amazon](#).

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Related Documents - 000-13703-001

	<p>Lowrance Eagle 4x Installation and Mounting Template</p> <p>Installation guide and mounting template for the Lowrance Eagle 4x fishfinder, including technical specifications, included accessories, and mounting instructions.</p>
	<p>Lowrance Elite-7 FAQ: Hybrid Dual Imaging, Transducers, and Networking</p> <p>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.</p>
	<p>Lowrance Elite-4x HDI Operation Manual: Features, Settings, and Specifications</p> <p>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.</p>

 A thumbnail image of the Lowrance Eagle 7 & 9 Installation Guide. It shows the product name, a barcode, and several diagrams illustrating the installation steps for both gimbal and panel mounting.	<p>Lowrance Eagle 7 & 9 Installation Guide</p> <p>Installation guide for the Lowrance Eagle 7 and 9 series fishfinders, covering gimbal and panel mounting, wiring, dimensions, and technical specifications.</p>
 A thumbnail image of the Lowrance Eagle 7 & 9 Mounting Template - Installation Guide. It features a large mounting template for the Eagle 9 unit, with dimensions and mounting instructions.	<p>Lowrance Eagle 7 & 9 Mounting Template - Installation Guide</p> <p>Official mounting template and installation guide for Lowrance Eagle 7 and Eagle 9 fishfinder/chartplotter units. Includes dimensions, hole placement, and mounting recommendations. Ensure printing at 1:1 scale.</p>
 A thumbnail image of the Bowflex Revolution FT Parts List and Diagram. It shows a detailed exploded view diagram of the fitness equipment with various parts labeled with numbers.	<p>Bowflex Revolution FT Parts List and Diagram</p> <p>Detailed parts list and diagram for the Bowflex Revolution FT fitness equipment, including part numbers and descriptions to aid in identification and ordering of replacement components.</p>