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> Lowrance HST-WSU Transom Mount Depth Transducer (LOW-000-0106-48) User Manual

## Lowrance LOW-000-0106-48

# Lowrance HST-WSU Transom Mount Depth Transducer User Manual

Model: LOW-000-0106-48 | Brand: Lowrance

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lowrance HST-WSU Transom Mount Depth Transducer. This transducer is designed for precise fish finding and depth measurement, featuring a 200KHz frequency, a 20° beam angle, and an integrated temperature sensor. Its transom mount 'Skimmer' design ensures reliable performance for various marine applications.



Figure 1: Lowrance HST-WSU Transom Mount Depth Transducer with cable.

## SETUP AND INSTALLATION

The HST-WSU transducer is designed for easy transom mounting. Proper installation is crucial for optimal performance. The unit includes a 20-foot cable with a Uni-plug connector for convenient integration with compatible Lowrance fish finders.

### Mounting the Transducer

Mount the transducer on your boat's transom, ensuring it is positioned to provide a clear view of the water beneath the hull, free from obstructions or turbulent water flow. Refer to the detailed instructions provided in the packaging for specific mounting hardware and procedures.

### Connecting the Cable

Connect the 20-foot cable from the transducer to the appropriate port on your Lowrance fish finder unit. Ensure the

Uni-plug connector is securely fastened to maintain a waterproof seal.

## Visual Installation Guide

For a visual guide on the components and installation process, please refer to the product overview video below.

Video 1: Product Overview and Installation Guide for Lowrance Dual Frequency Transducer. This video demonstrates the components and basic installation steps for the transducer.



Figure 2: Components of the Lowrance HST-WSU Transducer, including the main unit, mounting brackets, and cable.

## OPERATING THE TRANSDUCER

Once installed and connected, the transducer works in conjunction with your Lowrance fish finder to provide accurate depth readings, fish detection, and water temperature data.

### Dual Frequency Operation

The transducer operates at dual frequencies: 50KHz and 200KHz. The 200KHz frequency provides excellent detail and target separation in shallower waters, while the 50KHz frequency offers deeper penetration for offshore or deeper water fishing.

### Beam Angles

With beam angles of 35° and 12°, the transducer provides a wide coverage area for detecting fish and underwater structures, enhancing your ability to locate productive fishing spots.

## Temperature Sensor

The built-in temperature sensor provides real-time water temperature readings, which can be a critical factor in locating fish.



Figure 3: Illustration of the transducer's beam angles for wide coverage.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your transducer.

- **Cleaning:** Periodically clean the transducer's surface with mild soap and water to remove marine growth, dirt, or oil. Avoid abrasive cleaners or solvents that could damage the transducer face.
- **Inspection:** Regularly inspect the transducer cable for any signs of wear, cuts, or damage. Ensure the mounting hardware is secure and free from corrosion.
- **Winterization:** If storing your boat in freezing temperatures, ensure the transducer is either removed or protected from ice formation, which can cause damage.

## TROUBLESHOOTING

If you experience issues with your transducer, consider the following common troubleshooting steps:

- **No Depth Reading:** Check all cable connections for security. Ensure the transducer is properly submerged and free from air bubbles or obstructions. Verify the fish finder unit is powered on and configured correctly.
- **Inaccurate Readings:** Ensure the transducer is mounted correctly and not experiencing turbulence. Check for any interference from other electronic devices. Adjust the sensitivity settings on your fish finder.
- **Intermittent Readings:** Inspect the cable for damage or loose connections. Ensure the power supply to the fish finder is stable.

If problems persist, consult the full fish finder manual or contact Lowrance customer support.

## SPECIFICATIONS

Feature	Detail
Brand	Lowrance
Model Name	Low-000-0106-48
Mounting Type	Transom mount
Model Number	LOW-000-0106-48
Manufacturer Part Number	LOW-000-0106-48
Frequency	200KHz
Beam Angle	20°
Sensor	Temperature sensor
Cable Length	20 feet
Connector Type	Uni-plug

## WARRANTY

This Lowrance product is covered by a manufacturer's warranty. For specific warranty terms, conditions, and registration information, please refer to the documentation included with your product or visit the official Lowrance

website.

## SUPPORT

For additional support, technical assistance, or to explore other Lowrance products, please visit the official Lowrance store or contact their customer service directly.

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