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› Garmin GT56UHD-TM All-in-One Transom Mount Transducer User Manual

Garmin GT56UHD-TM

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INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Garmin GT56UHD-TM All-in-One Transom Mount Transducer. The GT56UHD-TM is designed to enhance your marine experience by offering advanced sonar capabilities, including Ultra High-Definition ClearVü, SideVü scanning sonars, and High Wide CHIRP traditional sonar. For optimal performance, ensure proper installation and refer to this guide for any operational queries.

WHAT'S IN THE BOX

Upon unpacking your Garmin GT56UHD-TM transducer, verify that all components are present:

- 12-pin transducer
- Transom mount
- Trolling motor mount
- Mounting hardware
- Documentation (this manual and other guides)

SETUP AND INSTALLATION

Proper installation of the GT56UHD-TM transducer is crucial for accurate sonar readings. This transducer supports both transom and trolling motor mounting options. Detailed instructions for each mounting type are provided in the included documentation.

Key Installation Considerations:

- **Location:** Choose a mounting location that minimizes turbulence and interference from the boat's hull, propeller, or other transducers.
- **Angle:** Ensure the transducer is mounted parallel to the waterline for optimal scanning performance.
- **Cable Routing:** Route the transducer cable away from electrical interference sources and sharp edges.

- **Sealing:** Properly seal any drilled holes to prevent water intrusion into the hull.



An image showing the Garmin GT56UHD-TM transducer, designed for transom mounting, featuring its sleek black housing and integrated cable.

For specific mounting templates and step-by-step instructions, please refer to the detailed installation guide provided with your product or visit the official Garmin support website.

OPERATING THE TRANSDUCER

The GT56UHD-TM transducer operates in conjunction with a compatible Garmin chartplotter (sold separately) to provide detailed underwater imaging. It features three primary sonar technologies:

- **Ultra High-Definition SideVü Scanning Sonar:** Provides clear images of structures and fish to the sides of your boat. It offers a 20% greater range at 1000 kHz compared to previous models, allowing you to scan up to 500 feet on each side at 455 kHz.
- **Ultra High-Definition ClearVü Scanning Sonar:** Delivers a photographic view of what is directly below your boat, showing structure, submerged objects, and fish with exceptional clarity.
- **High Wide CHIRP Traditional Sonar:** Offers crisp fish arches and excellent target separation with minimal noise, providing clear definition up to 800 feet below your boat.

The transducer utilizes multiple scanning sonar frequencies (455 kHz, 800 kHz, and 1000 kHz) and 500

watts of power to ensure optimal performance across various depths and water conditions. Compatible Garmin chartplotters allow you to select vivid scanning sonar color palettes, which enhance the distinction between targets and underwater structures.

Refer to your Garmin chartplotter's user manual for detailed instructions on selecting sonar modes, adjusting settings, and interpreting sonar returns.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your GT56UHD-TM transducer.

- **Cleaning:** After each use in saltwater, rinse the transducer with fresh water to prevent salt buildup. For freshwater use, periodically clean the transducer face with mild soap and water to remove marine growth or debris. Avoid abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the transducer cable for any signs of wear, cuts, or damage. Check the mounting hardware for tightness and corrosion.
- **Storage:** If storing your boat for an extended period, ensure the transducer is clean and protected from physical damage.

TROUBLESHOOTING

If you experience issues with your GT56UHD-TM transducer, consider the following troubleshooting steps:

- **No Sonar Readings or Poor Performance:**
 - Verify the transducer is correctly connected to the chartplotter.
 - Check for obstructions or marine growth on the transducer face.
 - Ensure the transducer is mounted correctly and is fully submerged in water.
 - Adjust sonar settings on your chartplotter, such as gain, range, and frequency.
- **Interference on Sonar Screen:**
 - Electrical interference can be caused by other electronic devices, wiring, or trolling motors. Try to isolate the power source for the chartplotter and transducer from other electrical systems.
 - Ensure proper grounding of all marine electronics.
 - Adjust the frequency settings on your chartplotter to a less interfered frequency if available.
- **Inaccurate Depth Readings:**
 - Confirm the transducer is mounted in a location free from air bubbles or turbulence.
 - Check for damage to the transducer element.

For further assistance, consult your chartplotter's manual or contact Garmin Product Support.

SPECIFICATIONS

Brand	Garmin
Model Name	010-13073-00
Power Source	Corded Electric
Item Weight	3 Pounds

Maximum Measuring Depth	500 Feet
Mounting Type	Transom Mount, Trolling Motor Mount
UPC	753759269302
Product Dimensions	12.9 x 5.6 x 4.4 inches
ASIN	B08LF4JDSJ
Color	Black
Manufacturer	Garmin
Date First Available	October 27, 2020

WARRANTY AND SUPPORT

Garmin products are designed for reliability and performance. Your GT56UHD-TM transducer is covered by a limited warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Garmin website.

For technical support, product registration, or to access additional resources, please visit the Garmin support portal at www.garmin.com/support. You can also find frequently asked questions, software updates, and contact information for customer service.