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> [JBL MT10HLWAM 10-inch Marine Tower Speaker User Manual](#)

JBL JBLMT10HLWAM

JBL MT10HLWAM 10-inch Marine Tower Speaker User Manual

Model: JBLMT10HLWAM

INTRODUCTION

The JBL MT10HLWAM 10-inch Marine Tower Speaker system is engineered to deliver high-quality audio in demanding marine environments. Featuring a robust design with a 10-inch long-throw polypropylene woofer and a 1-inch horn-loaded titanium compression tweeter, these speakers provide powerful bass and clear highs. A patent-pending angled baffle design directs sound towards the rider, enhancing the listening experience both on and behind the boat. Integrated multi-color RGB lighting adds a dynamic visual element to your marine audio setup.

IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to follow these safety guidelines may result in property damage, injury, or death.

- Always wear appropriate safety gear, including eye protection, when installing.
- Ensure the power to the vessel's electrical system is disconnected before beginning any wiring.
- Use correct gauge wiring and fuses as specified in your vessel's manual and local regulations.
- Mount speakers securely to prevent detachment during vessel operation.
- Avoid prolonged exposure to extremely high volume levels, which can cause hearing damage.
- This product is designed for marine use; however, avoid submerging the speakers.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 2x Enclosed speaker assembly
- 2x Two-piece bracket assembly
- 4x Rubber pad
- Mounting hardware:
 - 2x Hex head screws
 - 2x M6 bolts

- 4x M8 x 35mm bolts
- 4x M8 x 55mm bolts
- 4x Flat-washers
- 4x Lock-washers
- 2x M8 hex-keys
- 2x M6 hex-keys

- 2x RGB lighting cable
- 2x Security cable
- 2x Neoprene Cover
- 2x JBL sticker
- Quick Start Guide

SETUP AND INSTALLATION

Mounting the Speakers

The JBL MT10HLWAM speakers are designed for boat mount applications. Use the provided two-piece bracket assembly and mounting hardware to securely attach the speakers to your vessel's tower or other suitable mounting points. Ensure the mounting surface is strong enough to support the speaker's weight (40 pounds per speaker) and withstand marine conditions.

The patent-pending angled baffle design directs sound. Position the speakers to optimize sound projection towards the primary listening area, such as the stern for wakeboarders or inside the boat for passengers.



Image: Side view of the JBL MT10HLWAM marine tower speaker, illustrating its profile and the JBL branding on the side of the white enclosure. This view helps in understanding the speaker's physical dimensions and mounting orientation.

Wiring Connections

Before making any electrical connections, ensure the vessel's power is off. The speakers require a corded electric power source. Connect the speaker wires to your marine audio amplifier according to the amplifier's instructions. The subwoofer connectivity is wired.

For RGB lighting, use the provided RGB lighting cables. These can be hard-wired to select from seven pre-set color options or connected to an existing RGB lighting control system for integrated control. Refer to the Quick Start Guide for detailed wiring diagrams.



Image: Rear view of the JBL MT10HLWAM marine tower speaker, highlighting the connection ports for audio and RGB lighting, along with the mounting points for the bracket assembly. This image is crucial for understanding wiring and installation.

Connectivity

The speakers utilize coaxial connectivity technology for audio signals. For control and integration with other systems, the connectivity protocol is Wi-Fi, allowing for advanced control options if supported by your marine audio head unit or control system.

OPERATING INSTRUCTIONS

Audio Playback

Once properly installed and connected to an amplifier and audio source (e.g., smartphone, tablet, MP3 player, marine head unit), power on your audio system. Adjust volume and audio settings through your connected device or amplifier. The speakers provide a surround audio output mode for an immersive sound experience.



Image: Front view of the JBL MT10HLWAM marine tower speaker, showing the speaker grille and the JBL logo on the center cap. This represents the speaker's appearance during normal operation without RGB lighting activated.

RGB Lighting Control

The integrated RGB LED lighting can be controlled via a touch control method. If hard-wired, you can cycle through seven pre-defined color options. For more advanced customization and synchronization with other RGB components, connect the RGB lighting cables to a compatible marine RGB lighting control system.



Image: Front view of the JBL MT10HLWAM marine tower speaker with its integrated RGB lighting illuminated in blue. This demonstrates one of the available color options for the speaker's aesthetic lighting.



Image: Front view of the JBL MT10HLWAM marine tower speaker with its integrated RGB lighting illuminated in green. This shows another example of the customizable RGB lighting feature.

MAINTENANCE

The JBL MT10HLWAM speakers are marine-rated and waterproof, designed to withstand harsh marine environments. Regular maintenance will ensure longevity and optimal performance.

- **Cleaning:** Periodically clean the speaker enclosures with a soft cloth and mild soap solution. Rinse thoroughly with fresh water to remove salt, dirt, and other residues. Avoid abrasive cleaners or solvents.
- **Inspection:** Regularly inspect all mounting hardware and connections for tightness and corrosion. Tighten any loose fasteners and address any signs of corrosion promptly.
- **Protection:** When not in use, especially during storage or transport, utilize the provided neoprene covers to protect the speakers from UV exposure and physical damage.
- **Wiring:** Check wiring for any signs of wear, fraying, or damage. Ensure all connections remain secure and

waterproof.

TROUBLESHOOTING

If you experience issues with your JBL MT10HLWAM speakers, refer to the following common troubleshooting steps:

- **No Sound:**

- Check all audio connections from the source to the amplifier and from the amplifier to the speakers.
- Ensure the amplifier is powered on and functioning correctly.
- Verify the audio source is playing and its volume is turned up.
- Check for any blown fuses in the amplifier or power distribution block.

- **Distorted Sound:**

- Reduce the volume level on your audio source or amplifier.
- Check speaker wiring for proper polarity (+/-).
- Ensure the amplifier gain settings are not too high.
- Inspect speaker cones for any physical damage.

- **RGB Lights Not Working:**

- Verify the RGB lighting cables are securely connected.
- If using an external RGB controller, ensure it is powered on and configured correctly.
- If hard-wired, ensure the connection is correct for the desired color.

- **Intermittent Sound:**

- Check for loose wiring connections at the speaker, amplifier, and source unit.
- Ensure power connections are stable and not experiencing voltage drops.

If problems persist after attempting these steps, contact JBL customer support or a qualified marine audio technician.

SPECIFICATIONS

Brand	JBL
Model Number	JBLMT10HLWAM
Speaker Type	Woofer, Tweeters (2-way)
Speaker Size	10 Inches
Woofer Diameter	10 Inches
Tweeter Diameter	1 Inches
Speaker Maximum Output Power	500 Watts
Audio Output Mode	Surround
Connectivity Technology	Coaxial
Connectivity Protocol	Wi-Fi

Power Source	Corded Electric
Mounting Type	Boat Mount
Enclosure Material	Polypropylene
Color	Black
Water Resistance Level	Waterproof
Control Method	Touch (for RGB lighting)
Specific Uses For Product	Marine, Boat
Item Dimensions (D x W x H)	15"D x 8"W x 28"H
Item Weight	40 Pounds
Compatible Devices	Smartphone, Tablet, MP3 Player, Desktop, Television, Projector, Laptop
Compatible with Vehicle Type	Boat
UPC	050036377492
GTIN	050036377492

WARRANTY AND SUPPORT

Warranty Information

The JBL MT10HLWAM Marine Tower Speaker comes with a **1 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, warranty service, or additional product information, please visit the official JBL website or contact JBL customer support. Refer to the Quick Start Guide or JBL's official website for the most current contact details. Online resources and FAQs may also be available to help resolve common issues.