

## BOSS Audio Systems MR6B

# BOSS MR6B 6.5-inch Dual Cone Marine Speakers User Manual

Model: MR6B | Brand: BOSS Audio Systems

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your BOSS MR6B 6.5-inch Dual Cone Marine Speakers. These speakers are designed for marine and outdoor environments, offering a total power handling of 180 Watts per pair. Each speaker features a Kapton voice coil and a poly carbon cone, ensuring durability and sound quality in challenging conditions.

## 2. IMPORTANT SAFETY INFORMATION

- Always disconnect the vehicle or vessel's battery before beginning any electrical installation.
- Ensure all wiring is properly insulated and secured to prevent short circuits and damage.
- Mount speakers securely to avoid detachment during operation, which could cause injury or damage.
- Do not expose speakers to extreme temperatures or direct sunlight for prolonged periods, as this may affect performance and lifespan.
- Consult a professional installer if you are unsure about any installation steps.

## 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- BOSS MR6B 6.5-inch Marine Speakers (Quantity: 2 or 4, depending on package)
- Mounting Hardware (screws, clips)
- User Manual (this document)

## 4. SETUP AND INSTALLATION

The BOSS MR6B speakers are designed for boat mount applications. Proper installation is crucial for optimal performance and longevity.

## 4.1 Mounting Considerations

- **Location:** Choose a mounting location that provides adequate clearance behind the speaker for its depth (approximately 2.19 inches) and allows for proper sound dispersion.
- **Surface:** Ensure the mounting surface is flat, sturdy, and free from obstructions.
- **Water Protection:** Although these speakers are waterproof, avoid mounting them in areas where they will be constantly submerged or exposed to high-pressure water jets.

## 4.2 Installation Steps

1. **Prepare Mounting Hole:** Using a template (often included or available from the manufacturer), mark and cut a circular opening for the speaker. The speaker size is 6.5 inches.
2. **Wiring:** Connect the speaker wires from your amplifier to the terminals on the back of the speaker. Ensure correct polarity (positive to positive, negative to negative) for optimal sound. These speakers use coaxial connectivity.
3. **Secure Speaker:** Insert the speaker into the mounting hole. Align the mounting holes on the speaker frame with the pre-drilled holes on the mounting surface. Use the provided screws to secure the speaker firmly. Do not overtighten.
4. **Test:** Once all speakers are installed and wired, reconnect the battery and test the audio system.



**Figure 4.2.1:** A close-up view of a single BOSS MR6B 6.5-inch marine speaker, highlighting the protective grille and the

central dual cone tweeter. This view is useful for understanding the speaker's aesthetic and mounting points.



**Figure 4.2.2:** This image shows the rear of a BOSS MR6B speaker, revealing the magnet structure, wiring terminals, and the 'Made in China' label. This view is crucial for understanding wiring connections and mounting depth.

## 5. OPERATING INSTRUCTIONS

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The BOSS MR6B speakers are passive audio components and require an external amplifier to function. They are designed to be connected to an audio system that can be sourced from various compatible devices.

- **Power Source:** Ensure your amplifier is connected to a stable corded electric power source.
- **Audio Source:** Connect your amplifier to an audio source such as a smartphone, tablet, MP3 player, desktop, laptop, television, or projector.
- **Volume Control:** Adjust the volume through your amplifier or audio source device. Avoid excessively high volumes for prolonged periods to prevent speaker damage.
- **Water Resistance:** These speakers are waterproof, making them suitable for marine and outdoor use. However, ensure all connections are also protected from water ingress.



**Figure 5.1:** This image displays a set of four BOSS MR6B 6.5-inch marine speakers, showcasing their black grille and dual cone design. The speakers are designed for outdoor and marine environments.

## 6. MAINTENANCE

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Regular maintenance will help prolong the life and performance of your BOSS MR6B speakers.

- **Cleaning:** Use a soft, damp cloth to wipe down the speaker grilles and cones. Avoid harsh chemicals or abrasive cleaners, as these can damage the plastic material.
- **Inspection:** Periodically check wiring connections for corrosion or looseness. Ensure mounting screws remain tight.
- **Storage:** If the speakers will not be used for an extended period, especially in harsh weather, consider covering them or storing them in a protected area.

## 7. TROUBLESHOOTING

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If you experience issues with your speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No Sound	Loose or incorrect wiring; Amplifier off or faulty; Audio source issue.	Check all wiring connections for proper polarity and tightness. Ensure amplifier is powered on and functioning. Verify audio source is playing.
Distorted Sound	Volume too high; Amplifier clipping; Damaged speaker cone or voice coil.	Reduce volume. Check amplifier gain settings. Inspect speaker for visible damage.
Intermittent Sound	Loose connections; Corroded terminals.	Inspect and tighten all wiring connections. Clean any corroded terminals.

## 8. SPECIFICATIONS

Detailed technical specifications for the BOSS MR6B speakers:

Feature	Specification
Model Name	MR6B
Speaker Type	Outdoor, Marine
Speaker Size	6.5 Inches
Speaker Maximum Output Power	180 Watts (per pair)
Frequency Response	80 Hz
Connectivity Technology	Coaxial, Wired
Audio Output Mode	Stereo
Material	Plastic
Color	Black
Product Dimensions (D x W x H)	2.19" x 2.19" x 2.19"
Item Weight	7.65 Pounds (for the package)
Water Resistance Level	Waterproof
Voice Coil Material	Kapton
Cone Material	Poly Carbon

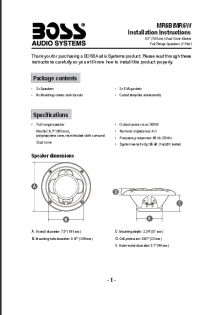
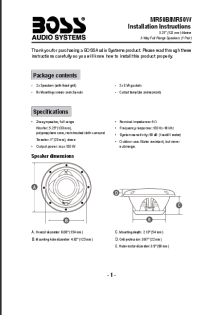
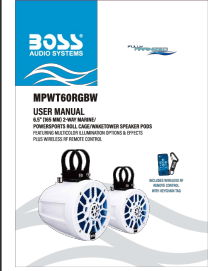
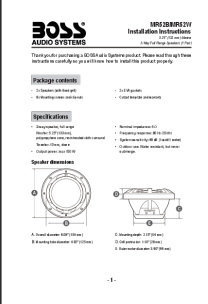
## 9. WARRANTY INFORMATION

BOSS Audio Systems provides a limited warranty for the MR6B speakers. Specific terms and conditions of the warranty, including duration and coverage details, are typically provided with the product packaging or available on the official BOSS Audio Systems website. Please retain your proof of purchase for any warranty claims.

## 10. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please visit the official BOSS Audio Systems website or contact their customer service department. Refer to the contact information provided on the product packaging or the brand's official online resources.

### Related Documents - MR6B

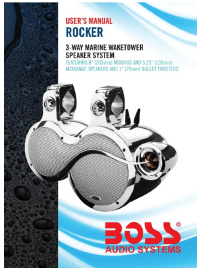
 <p><b>BOSS AUDIO SYSTEMS</b> MR6B/MR6W 6.5-Inch Marine Dual Cone Speaker Installation Instructions</p> <p>These products conform to the BOSS Audio Systems product line. Please read the instructions carefully to avoid damage to your equipment and to ensure proper installation.</p> <p><b>Package contents:</b></p> <ul style="list-style-type: none"><li>1 x Speaker</li><li>1 x Mounting plate (MR6B)</li><li>1 x Mounting plate (MR6W)</li></ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"><li>1 x Speaker</li><li>1 x Mounting plate (MR6B)</li><li>1 x Mounting plate (MR6W)</li><li>1 x Mounting plate (MR6W)</li><li>1 x Mounting plate (MR6W)</li></ul> <p><b>Speaker dimensions:</b></p> <ul style="list-style-type: none"><li>A: Mounting plate (MR6B)</li><li>B: Mounting plate (MR6W)</li><li>C: Mounting plate (MR6B)</li><li>D: Mounting plate (MR6W)</li></ul>	<p><a href="#">BOSS Audio Systems MR6B/MR6W 6.5-Inch Marine Dual Cone Speaker Installation Instructions</a></p> <p>Comprehensive installation guide for BOSS Audio Systems MR6B/MR6W 6.5-inch (165 mm) Dual Cone Marine Full Range Speakers, covering package contents, specifications, dimensions, mounting, and wiring.</p>
 <p><b>BOSS AUDIO SYSTEMS</b> MR50B/MR50W Marine Speaker Installation Instructions</p> <p>These products conform to the BOSS Audio Systems product line. Please read the instructions carefully to avoid damage to your equipment and to ensure proper installation.</p> <p><b>Package contents:</b></p> <ul style="list-style-type: none"><li>1 x Speaker</li><li>1 x Mounting plate (MR50B)</li><li>1 x Mounting plate (MR50W)</li></ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"><li>1 x Speaker</li><li>1 x Mounting plate (MR50B)</li><li>1 x Mounting plate (MR50W)</li><li>1 x Mounting plate (MR50W)</li><li>1 x Mounting plate (MR50W)</li></ul> <p><b>Speaker dimensions:</b></p> <ul style="list-style-type: none"><li>A: Mounting plate (MR50B)</li><li>B: Mounting plate (MR50W)</li><li>C: Mounting plate (MR50B)</li><li>D: Mounting plate (MR50W)</li></ul>	<p><a href="#">BOSS Audio Systems MR50B/MR50W Marine Speaker Installation Instructions</a></p> <p>Detailed installation instructions for BOSS Audio Systems MR50B and MR50W 5.25-inch (133 mm) marine 2-way full-range speakers. Covers package contents, technical specifications, speaker dimensions, important installation notes, mounting procedures, and wiring guidance.</p>
 <p><b>BOSS AUDIO SYSTEMS</b> MPWT60RGBW 6.5" Marine &amp; Powersports Wake Tower Speaker Pods User Manual</p> <p>6.5" (165 mm) x 6.5" (165 mm) Marine &amp; Powersports Wake Tower Speaker Pods</p> <p>These products conform to the BOSS Audio Systems product line. Please read the instructions carefully to avoid damage to your equipment and to ensure proper installation.</p> <p><b>Package contents:</b></p> <ul style="list-style-type: none"><li>1 x Speaker</li><li>1 x Mounting plate (MPWT60RGBW)</li></ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"><li>1 x Speaker</li><li>1 x Mounting plate (MPWT60RGBW)</li><li>1 x Mounting plate (MPWT60RGBW)</li><li>1 x Mounting plate (MPWT60RGBW)</li><li>1 x Mounting plate (MPWT60RGBW)</li></ul> <p><b>Speaker dimensions:</b></p> <ul style="list-style-type: none"><li>A: Mounting plate (MPWT60RGBW)</li><li>B: Mounting plate (MPWT60RGBW)</li><li>C: Mounting plate (MPWT60RGBW)</li><li>D: Mounting plate (MPWT60RGBW)</li></ul>	<p><a href="#">BOSS Audio MPWT60RGBW 6.5" Marine &amp; Powersports Wake Tower Speaker Pods User Manual</a></p> <p>This user manual provides detailed information for the BOSS Audio MPWT60RGBW 6.5-inch marine and powersports wake tower speaker pods. It covers product specifications, package contents, safety guidelines, step-by-step installation instructions, wiring guidance, LED light control via remote, and battery replacement for the remote.</p>
 <p><b>BOSS AUDIO SYSTEMS</b> MR52B/MR52W Marine Speaker Installation Instructions</p> <p>These products conform to the BOSS Audio Systems product line. Please read the instructions carefully to avoid damage to your equipment and to ensure proper installation.</p> <p><b>Package contents:</b></p> <ul style="list-style-type: none"><li>1 x Speaker</li><li>1 x Mounting plate (MR52B)</li><li>1 x Mounting plate (MR52W)</li></ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"><li>1 x Speaker</li><li>1 x Mounting plate (MR52B)</li><li>1 x Mounting plate (MR52W)</li><li>1 x Mounting plate (MR52W)</li><li>1 x Mounting plate (MR52W)</li></ul> <p><b>Speaker dimensions:</b></p> <ul style="list-style-type: none"><li>A: Mounting plate (MR52B)</li><li>B: Mounting plate (MR52W)</li><li>C: Mounting plate (MR52B)</li><li>D: Mounting plate (MR52W)</li></ul>	<p><a href="#">BOSS Audio Systems MR52B/MR52W Marine Speaker Installation Instructions</a></p> <p>Comprehensive installation guide for BOSS Audio Systems MR52B/MR52W 5.25-inch marine 2-way full-range speakers. Includes package contents, detailed specifications, speaker dimensions, mounting procedures, and wiring instructions for optimal performance and safety.</p>





[BOSS Audio B62RGB Amplified Marine Waketower Speaker Pods User Manual](#)

User manual and quick start guide for the BOSS Audio B62RGB 6.5" 2-way amplified marine grade roll cage/waketower speaker pods, featuring Bluetooth connectivity, multicolor illumination, and built-in amplifier.



[BOSS AUDIO SYSTEMS ROCKER 3-Way Marine Waketower Speaker System User Manual](#)

Comprehensive user manual for the BOSS AUDIO SYSTEMS ROCKER 3-Way Marine Waketower Speaker System, detailing features, installation, safety, specifications, and waterproof connection instructions.