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› Poly-Planar MA-5500 3-Way Rectangular Marine Speaker Instruction Manual

## Poly-Planar MA5500

# Poly-Planar MA-5500 3-Way Rectangular Marine Speaker Instruction Manual

Model: MA5500 | Brand: Poly-Planar

## INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Poly-Planar MA-5500 3-Way Rectangular Marine Speakers. These speakers are designed for high-quality audio reproduction in marine and vehicle environments, featuring a robust construction suitable for such conditions. Please read these instructions thoroughly before proceeding with installation or use.

## WHAT'S IN THE BOX

Upon unpacking, please verify that all components are present:

- Poly-Planar MA-5500 Speakers (Pair)
- Mounting Hardware
- Speaker Wire

## SETUP AND INSTALLATION

The MA-5500 speakers are designed for wall-mount installation. Proper installation is crucial for optimal performance and longevity. If you are unsure about any step, it is recommended to seek professional assistance.

### Mounting Location

- Choose a flat, stable surface capable of supporting the speaker's weight.

- Ensure adequate clearance behind the mounting surface for speaker depth and wiring.
- Avoid locations where speakers will be exposed to direct, prolonged water immersion, despite their marine design.

## Wiring

- Connect the supplied speaker wire to the appropriate terminals on the speaker and your amplifier/head unit.
- Ensure correct polarity (+ to + and - to -) for each speaker to prevent phase issues and ensure proper sound reproduction.
- Secure all connections to prevent corrosion, especially in marine environments.

## Installation Steps

1. Carefully cut the mounting hole according to the provided template (if applicable, or product dimensions).
2. Run speaker wires through the mounting hole.
3. Connect the speaker wires to the speaker terminals.
4. Insert the speaker into the mounting hole and secure it using the supplied hardware. Do not overtighten.
5. Attach the rectangular white stainless steel grille.

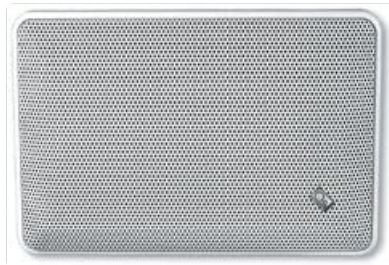


Image showing the front view of the Poly-Planar MA-5500 rectangular marine speaker, featuring a white stainless steel grille.

## OPERATING INSTRUCTIONS

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The Poly-Planar MA-5500 speakers are passive components and require an external amplifier or head unit for operation. Once properly installed and connected:

- Ensure your amplifier/head unit is powered on.
- Select your desired audio source.
- Adjust the volume to a comfortable listening level. Avoid excessively high volumes that can cause distortion or damage to the speakers.
- The 3-way design, incorporating dual woofers, a tweeter, and a midrange driver, is engineered to deliver a full range of sound.

## MAINTENANCE

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Regular maintenance will help prolong the life and performance of your MA-5500 speakers, especially in harsh marine environments.

- **Cleaning:** Periodically wipe down the speaker grilles and surrounds with a soft, damp cloth. For stubborn dirt, a mild soap solution can be used, followed by a rinse with clean water and thorough drying.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, solvents, or strong detergents, as these can

damage the speaker materials and finish.

- **Water Exposure:** While designed for marine use, the speakers are not fully submersible. Avoid direct high-pressure water spray or prolonged immersion. Ensure all connections remain dry and free from corrosion.
- **Inspection:** Regularly inspect speaker cones, surrounds, and grilles for any signs of damage or wear. Check wiring connections for corrosion or looseness.

## TROUBLESHOOTING

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If you experience issues with your MA-5500 speakers, consult the following troubleshooting guide before contacting support.

Problem	Possible Cause	Solution
No sound from speakers	<ul style="list-style-type: none"><li>◦ Amplifier/head unit off or muted.</li><li>◦ Loose or incorrect wiring connections.</li><li>◦ Faulty audio source.</li></ul>	<ul style="list-style-type: none"><li>◦ Ensure amplifier/head unit is on and volume is up.</li><li>◦ Check all speaker wire connections for proper polarity and secure fit.</li><li>◦ Test with a different audio source.</li></ul>
Distorted or poor sound quality	<ul style="list-style-type: none"><li>◦ Volume too high, causing clipping.</li><li>◦ Incorrect amplifier settings (e.g., bass boost).</li><li>◦ Loose speaker connections.</li><li>◦ Damaged speaker cone or surround.</li></ul>	<ul style="list-style-type: none"><li>◦ Reduce volume to a level where distortion is absent.</li><li>◦ Adjust amplifier settings to a neutral position.</li><li>◦ Verify all wiring connections.</li><li>◦ Inspect speakers for physical damage.</li></ul>
Sound from only one speaker	<ul style="list-style-type: none"><li>◦ Loose or disconnected wire to the silent speaker.</li><li>◦ Balance setting on amplifier/head unit.</li><li>◦ Faulty speaker.</li></ul>	<ul style="list-style-type: none"><li>◦ Check wiring for the affected speaker.</li><li>◦ Adjust the balance control on your audio system.</li><li>◦ Swap speakers (if possible) to determine if the issue follows the speaker or the wiring/amplifier channel.</li></ul>

## SPECIFICATIONS

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<b>Model Name</b>	MA-5500
<b>Speaker Type</b>	3-Way Rectangular Speaker System (Dual Woofer, Midrange, Tweeter)
<b>Maximum Output Power</b>	240 Watts (per pair) / 280 Watts Peak (per pair)
<b>Connectivity Technology</b>	Coaxial
<b>Mounting Type</b>	Wall Mount
<b>Product Dimensions (L x W x H)</b>	10.7 x 5.5 x 6.8 inches
<b>Item Weight</b>	2.2 pounds
<b>Included Components</b>	MA-5500 Speakers, Mounting Hardware, Speaker Wire
<b>Special Features</b>	Designed for marine environments (Note: Not fully submersible)

## WARRANTY INFORMATION

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Poly-Planar products are typically covered by a limited warranty. While specific terms may vary, a 2-year warranty is commonly offered. For detailed information regarding the warranty period, coverage, and claims process for your MA-5500 speakers, please refer to the warranty card included with your purchase or contact Poly-Planar directly. Keep your proof of purchase for warranty validation.

## CUSTOMER SUPPORT

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Should you require further assistance, have questions not covered in this manual, or need to report a problem, please contact Poly-Planar customer support or your authorized dealer. Please have your product model number (MA5500) and purchase information ready when contacting support.

For the most current contact information, please visit the official Poly-Planar website.