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## Rockford Fosgate PM262

# Rockford Fosgate PM262 Punch Marine 6-inch Full Range Speakers User Manual

Model: PM262

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Rockford Fosgate PM262 Punch Marine 6-inch Full Range Speakers. These speakers are designed for marine and vehicle applications, offering durability and performance in challenging environments. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product.

## SAFETY INFORMATION

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Always observe the following safety precautions during installation and operation:

- Disconnect the vehicle's or vessel's battery negative terminal before beginning any installation to prevent electrical shorts.
- Ensure all wiring is properly insulated and secured to prevent damage from vibration or abrasion.
- Use appropriate gauge wiring for power and speaker connections as recommended by your amplifier manufacturer.
- Avoid installing speakers in locations that obstruct safety equipment or vehicle/vessel operation.
- Do not expose speakers to extreme temperatures or direct sunlight for prolonged periods without proper ventilation.
- Consult a professional installer if you are unsure about any part of the installation process.

## PACKAGE CONTENTS

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Verify that all items are present in the package:

- PM262 6-inch Full Range Marine Speakers (Pair)
- White Grilles (Pair)
- Mounting Hardware (Screws, Speed Clips)
- Installation Template



*Image: Contents of the PM262 speaker package, showing two speakers, two white grilles, and a set of mounting screws and speed clips.*

## **SETUP AND INSTALLATION**

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Proper installation is crucial for optimal performance and durability. Follow these steps carefully.

### **1. Mounting Location Selection**

Choose a mounting location that provides adequate clearance behind the speaker for the magnet and wiring. Ensure the surface is flat and sturdy enough to support the speaker's weight and withstand vibrations. For marine applications, select a location that minimizes direct exposure to harsh elements while still providing good sound dispersion.



*Image: A PM262 speaker mounted flush into the side panel of a boat, demonstrating a typical marine installation.*

## 2. Cutting the Mounting Hole

Use the provided template to mark the cut-out area. Carefully cut the hole using an appropriate tool (e.g., jigsaw). Ensure the hole is clean and free of debris. The recommended cut-out diameter is approximately 5.25 inches (133 mm).

## 3. Wiring Connections

Connect the speaker wires from your amplifier to the terminals on the back of the speaker. Observe correct polarity: connect the positive (+) terminal of the speaker to the positive (+) output of the amplifier, and the negative (-) terminal of the speaker to the negative (-) output of the amplifier. Incorrect polarity will result in poor sound quality and reduced bass response.



*Image: Rear view of the PM262 speaker, highlighting the positive and negative wiring terminals and the model information label.*

The PM262 speakers have an impedance of 4 Ohms. Ensure your amplifier is stable at a 4 Ohm load. If connecting multiple speakers, consult your amplifier's manual for proper wiring configurations to maintain a safe impedance load.

#### 4. Mounting the Speaker

Once wired, carefully place the speaker into the mounting hole. Align the mounting holes on the speaker frame with the marked screw locations. Secure the speaker using the provided stainless steel screws and speed clips. Do not overtighten the screws, as this can damage the speaker frame or mounting surface.



*Image: Front view of the PM262 speaker with its white grille, showcasing the hexagonal pattern and central tweeter.*

### OPERATING INSTRUCTIONS

After successful installation, follow these steps to operate your speakers:

1. Ensure all connections are secure and the battery is reconnected.
2. Turn on your audio source unit and amplifier.
3. Start with the amplifier gain and volume levels at their minimum settings.
4. Gradually increase the volume to a comfortable listening level. Avoid excessive volume that causes distortion, as this can damage the speakers.
5. Adjust amplifier settings (gain, crossover, bass boost) according to your preference and the amplifier's

manual to achieve optimal sound quality.

These speakers are designed for full-range audio reproduction. For best results, consider using a high-pass filter on your amplifier to protect the speakers from extremely low frequencies, especially at high volumes.

## MAINTENANCE

Regular maintenance will help preserve the performance and appearance of your marine speakers.

- **Cleaning:** Clean the speaker grilles and surrounds with a soft, damp cloth. For stubborn dirt, use a mild soap solution. Avoid harsh chemicals, abrasive cleaners, or high-pressure washers, as these can damage the speaker components or finish.
- **Inspection:** Periodically inspect the speaker cones, surrounds, and grilles for any signs of damage, such as cracks, tears, or corrosion. Check all mounting hardware for tightness.
- **Wiring:** Ensure all wiring connections remain secure and free from corrosion, especially in marine environments.
- **Winterization (Marine):** If the vessel is stored in freezing temperatures, it is recommended to remove the speakers or ensure they are protected from extreme cold and moisture.

## TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
No sound from speakers	Amplifier off or in protect mode Loose or incorrect wiring Audio source issue	Check amplifier power and status indicators. Verify all speaker and power connections. Test with a different audio source.
Distorted or unclear sound	Amplifier gain set too high Incorrect speaker polarity Damaged speaker Low power from amplifier	Reduce amplifier gain. Check speaker wiring for correct positive/negative connections. Inspect speaker cone and surround for damage. Ensure amplifier is adequately powered and matched to speaker impedance.
Intermittent sound	Loose wiring connection Corroded terminals Faulty amplifier or source unit	Check and secure all wiring connections. Clean any corroded terminals. Test with known good components if possible.

## SPECIFICATIONS

Technical specifications for the Rockford Fosgate PM262 speakers:

<b>Model Number</b>	PM262
<b>Speaker Type</b>	6-inch Coaxial Full Range Marine Speaker
<b>Nominal Impedance</b>	4 Ohms
<b>Power Handling (Peak)</b>	150 Watts
<b>Power Handling (RMS)</b>	75 Watts (Inferred from product image)
<b>Material</b>	Polypropylene, PA66
<b>Color</b>	White
<b>Water Resistance Level</b>	Water Resistant (Marine Grade)
<b>Recommended Uses</b>	Marine Vessels, Motor Vehicles
<b>Product Dimensions (per speaker)</b>	Approximately 3 x 6 x 6 inches (Depth x Diameter x Diameter)
<b>Item Weight (Pair)</b>	6.5 Pounds
<b>GTIN/UPC</b>	780687345488

## WARRANTY INFORMATION

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Rockford Fosgate provides a **2-Year Limited Warranty** for the PM262 Punch Marine Speakers. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, accident, misuse, abuse, neglect, unauthorized repair, or modification. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, please refer to the official Rockford Fosgate website or contact customer support.

## SUPPORT

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If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Rockford Fosgate customer support. You can typically find contact information, including phone numbers and email addresses, on the official Rockford Fosgate website ([www.rockfordfosgate.com](http://www.rockfordfosgate.com)).

When contacting support, please have your product model number (PM262) and proof of purchase readily available.