

[Manuals.plus](#) /

› [Memphis](#) /

› Memphis Audio PRX27 Power Reference Series 2.75" Full Range Speakers User Manual

Memphis PRX27

Memphis Audio PRX27 Power Reference Series 2.75" Full Range Speakers User Manual

Model: PRX27 | Brand: Memphis Audio

[Introduction](#) [Safety Information](#) [Package Contents](#) [Features](#) [Setup &](#)
[Installation](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty](#) [Support](#)

1. INTRODUCTION

Thank you for choosing Memphis Audio PRX27 Power Reference Series 2.75" Full Range Speakers. These speakers are designed to deliver clear and balanced audio performance in a compact form factor, suitable for various car audio applications. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your speakers.



Image: Front view of the Memphis Audio PRX27 Power Reference Series 2.75" Full Range Speakers.

2. SAFETY INFORMATION

Please read all safety instructions before installing or operating your speakers. Failure to follow these guidelines may result in injury or damage to the product or vehicle.

- Always disconnect the vehicle's battery before beginning any electrical installation.
- Ensure all wiring is properly insulated and secured to prevent short circuits and damage.
- Do not operate audio equipment at excessively high volumes, as this can cause permanent hearing damage.
- Consult a professional car audio installer if you are unsure about any part of the installation process.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Memphis Audio PRX27 2.75" Full Range Speakers (Pair)
- Mounting hardware (if included)
- Instruction Manual (this document)

4. KEY FEATURES

The Memphis Audio PRX27 speakers incorporate several design elements for enhanced audio performance and durability:

- **Polyurethane Surround:** Provides durability and improved cone excursion for better bass response.
- **PEI Dome Tweeter:** Delivers crisp and clear high-frequency sound reproduction.
- **Multi-Direction Pivot Tweeter System:** Allows for aiming the tweeter to optimize sound staging.
- **Durable Construction:** Features a black-on-black polypropylene cone, stitched butyl rubber surround, and reinforced spider for reliability.
- **Compact Design:** Suitable for installations where space is limited.



Image: Front view of the PRX27 speaker, highlighting the cone and tweeter.



Image: Illustration of the multi-direction pivot tweeter system.

5. SETUP & INSTALLATION

Proper installation is crucial for optimal sound quality and speaker longevity. If you are not comfortable with car audio installation, it is recommended to seek professional assistance.

5.1 Tools Required

- Wire strippers/crimpers
- Screwdriver set
- Drill (if new mounting holes are required)
- Electrical tape or heat shrink tubing
- Multimeter (for checking polarity)

5.2 Wiring Connections

Connect the speaker wires to your amplifier or head unit. Ensure correct polarity: positive (+) to positive and negative (-) to negative. Incorrect polarity can lead to poor sound quality and reduced bass response.



Image: Side view of the PRX27 speaker showing the wiring terminals.

5.3 Mounting

1. Choose a suitable mounting location in your vehicle (e.g., dashboard, door panels).

2. Ensure there is sufficient depth and clearance for the speaker.
3. Secure the speakers using the provided mounting hardware. Avoid over-tightening screws, which can damage the speaker frame.
4. If replacing existing speakers, you may need to adapt the mounting holes or use adapter plates.



Image: Back view of the PRX27 speaker, showing the magnet and mounting tabs.

6. OPERATION

Once installed, your Memphis Audio PRX27 speakers will operate as part of your vehicle's audio system. These are passive speakers and require an external amplifier or head unit to function.

- **Power On:** Turn on your vehicle's audio system.
- **Volume Adjustment:** Gradually increase the volume to a comfortable listening level. Avoid distortion.
- **Audio Settings:** Adjust equalizer settings on your head unit or amplifier to fine-tune the sound to your preference.
- **Tweeter Adjustment:** If your installation allows, adjust the pivot tweeter direction for optimal sound imaging.

7. MAINTENANCE

The Memphis Audio PRX27 speakers are designed for durability and require minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to wipe down the speaker grilles and surrounds. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check speaker connections for tightness and ensure no wires are frayed or exposed.
- **Environmental Factors:** While durable, avoid exposing speakers to extreme moisture or direct sunlight for prolonged periods, as this can degrade materials over time.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No sound from speakers	Loose or incorrect wiring, amplifier off, head unit settings.	Check all wiring connections for proper polarity and tightness. Ensure amplifier is powered on and head unit output is enabled.
Distorted sound	Volume too high, incorrect amplifier gain settings, damaged speaker.	Reduce volume. Adjust amplifier gain settings. Inspect speakers for physical damage.
Weak or no bass	Incorrect speaker polarity, phase issues, inadequate power.	Verify correct wiring polarity. Check phase settings on head unit/amplifier. Ensure speakers are receiving adequate power.
Intermittent sound	Loose connections, faulty wiring.	Inspect all wiring and connections for looseness or damage.

9. SPECIFICATIONS

Technical specifications for the Memphis Audio PRX27 Full Range Speakers:

Feature	Detail
Model Number	PRX27
Speaker Type	Full Range, Coaxial
Speaker Size	2.75 Inches (70 mm)
Maximum Output Power	30 Watts
Frequency Response	12000 Hz
Enclosure Material	Polypropylene, Butyl Rubber
Mounting Type	Car Mount, Coaxial
Product Dimensions (Packaged)	1.8"D x 8.1"W x 8.1"H
Item Weight	16 ounces
GTIN (UPC)	702588206743

10. WARRANTY INFORMATION

Memphis Audio PRX27 speakers come with a **1-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, accident, misuse, abuse, neglect, or unauthorized modification.

For warranty claims, please retain your proof of purchase and contact Memphis Audio customer support.

11. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to make a warranty claim, please contact Memphis Audio customer support through their official website or the retailer where the product was purchased.

For more information, visit the official Memphis Audio store:[Memphis Audio Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question