

Memphis MS25

Memphis Audio MS25 M Series 2.5-inch Tweeters with Inline Crossovers Instruction Manual

Brand: Memphis Audio | Model: MS25

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Memphis Audio MS25 M Series 2.5-inch Tweeters with Inline Crossovers. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.

2. PRODUCT FEATURES

- **Exceptional Audio Performance:** Experience remarkable sound quality with the M Series MS25, featuring a high-strength carbon fiber cone and premium rubber surround for precise and immersive audio.
- **Versatile Compatibility:** Designed to seamlessly fit into various OEM vehicle locations including GM, Ford, Mercedes, and Toyota, ensuring a perfect integration into your car audio system.
- **Hassle-Free Installation:** With its direct OEM replacement adapter, upgrading your car audio system is a breeze, providing a hassle-free installation process without any modifications required.
- **Enhanced Listening Experience:** Equipped with a 6dB highpass crossover, the MS25 delivers optimized sound separation and clarity, allowing you to enjoy your favorite music with enhanced detail and depth.
- **Durable Construction:** Built to withstand the rigors of daily use, the MS25 features a high-quality construction with a neo magnet, ensuring long-lasting performance.

3. WHAT'S IN THE BOX

The Memphis Audio MS25 package includes:

- MS25 Tweeters (Pair)
- Inline Crossovers
- Mounting Hardware (as pictured)



Figure 1: Package contents of the Memphis Audio MS25 Tweeters.

4. SETUP AND INSTALLATION

Installation of the Memphis Audio MS25 tweeters is designed to be straightforward, especially for OEM replacement. It is recommended to consult a professional car audio installer if you are unfamiliar with car audio wiring or installation procedures.

4.1 Pre-Installation Checklist

- Ensure your vehicle's ignition is off and the battery is disconnected.
- Gather necessary tools (screwdrivers, wire strippers, crimpers, etc.).
- Confirm the mounting location in your vehicle is compatible with 2.5-inch tweeters.

4.2 Wiring the Inline Crossovers

The MS25 tweeters include inline 6dB highpass crossovers. These must be connected between your amplifier/head unit and the tweeters to protect the tweeters from low frequencies and ensure optimal sound quality. Connect the input side of the crossover to the audio signal source and the output side to the tweeter terminals.



Figure 2: Individual Memphis Audio MS25 tweeter with mounting bracket.

4.3 Mounting the Tweeters

Utilize the provided direct OEM replacement adapters for a secure fit in compatible vehicle models (GM, Ford, Mercedes, Toyota). Secure the tweeters using the supplied mounting hardware. Ensure a snug fit to prevent vibrations and rattles.

5. OPERATING INSTRUCTIONS

Once installed, connect your vehicle's battery and turn on your audio system. Start with a low volume and gradually increase it, checking for clear audio output from the tweeters. Adjust your head unit's settings (e.g., treble, balance, fader) to achieve your desired sound profile. The 6dB highpass crossover is pre-configured for optimal tweeter performance.

6. MAINTENANCE

The Memphis Audio MS25 tweeters require minimal maintenance. Keep the speaker grilles free from dust and debris. Avoid exposing the tweeters to excessive moisture or extreme temperatures. Periodically check all connections to ensure they remain secure.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from tweeters	Loose wiring connection; Incorrect crossover wiring; Blown fuse in audio system.	Check all wiring connections; Verify crossover is correctly installed; Inspect and replace any blown fuses.
Distorted sound	Volume too high; Improper gain settings on amplifier; Damaged tweeter.	Reduce volume; Adjust amplifier gain settings; Inspect tweeter for physical damage.
Weak or inconsistent sound	Poor wiring connection; Incorrect polarity; Insufficient power.	Check and secure all wiring; Ensure correct positive/negative polarity; Verify amplifier output meets tweeter requirements.

If troubleshooting steps do not resolve the issue, please contact Memphis Audio customer support or a certified installer.

8. SPECIFICATIONS

Feature	Detail
Item Weight	1.5 pounds
Package Dimensions	18 x 5.5 x 1.5 inches
Item Model Number	MS25
Manufacturer	Memphis Audio
Cone Material	High-strength carbon fiber
Surround Material	Premium rubber
Crossover	6dB Highpass
Magnet Type	Neo magnet

9. WARRANTY AND SUPPORT

The Memphis Audio MS25 Tweeters come with a **1-Year Manufacturer Warranty**. For warranty claims, technical support, or further assistance, please contact Memphis Audio customer service directly. Keep your proof of purchase for warranty validation.

For more information, visit the [Memphis Audio Store](#).

10. RELATED PRODUCT VIDEOS

Inside the Box

Your browser does not support the video tag.

This video provides a quick overview of the contents included in the Memphis Audio MS25 package. It showcases the tweeters, inline crossovers, and other components you will find upon unboxing.

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ASK A QUESTION ABOUT THIS MANUAL

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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