

MTX TERMINATOR6S

MTX Terminator Series 6.5-inch Component 2-Way Speaker System User Manual

Model: TERMINATOR6S

INTRODUCTION

Thank you for choosing the MTX Terminator Series 6.5-inch Component 2-Way Speaker System. This manual provides essential information for the proper installation, operation, and maintenance of your new speakers. Please read this manual thoroughly before installation and retain it for future reference.

The MTX TERMINATOR6S is a 6.5-inch component speaker system designed to deliver enhanced audio performance in your vehicle. It features a durable steel basket, polypropylene cone, and mylar dome tweeter, engineered for clear sound reproduction.

IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions during installation and operation:

- Disconnect the vehicle's battery before beginning any electrical installation to prevent short circuits.
- Ensure all wiring is properly insulated and secured to prevent damage and electrical hazards.
- Do not install speakers in locations that obstruct vehicle operation or safety features.
- Avoid exposing speakers to excessive moisture or extreme temperatures.
- Prolonged exposure to high volume levels can cause hearing damage. Adjust volume to a safe level.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Two (2) MTX Terminator Series 6.5-inch Component Woofers
- Two (2) MTX Terminator Series Mylar Dome Tweeters
- Two (2) Speaker Grilles
- Mounting Hardware (screws, clips, etc. - typical for speaker installation)



Image: MTX Terminator 6.5-inch component speaker with its protective grille installed, alongside a separate Mylar dome tweeter. The speaker features a red cone and black frame.

PRODUCT FEATURES

- **Polypropylene Cone:** Lightweight yet stiff for accurate sound reproduction.
- **Shallow Mounting Depth:** Designed for easy installation in various vehicle types.
- **45 Watts RMS Power:** Handles continuous power for clear audio output.
- **Wide Frequency Response:** Delivers sound across a range from 62Hz to 20kHz.
- **Durable Steel Basket:** Provides structural integrity and reduces resonance.
- **Mylar Dome Tweeter:** Reproduces crisp high-frequency sounds.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. If you are unsure about any steps, consult a professional car audio installer.

Tools and Materials Required:

- Wire strippers/crimpers
- Screwdriver set
- Drill (if new mounting holes are needed)
- Electrical tape or heat shrink tubing
- Speaker wire (if not reusing existing)
- Mounting adapters (if required for your vehicle)

Installation Steps:

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Existing Speakers:** Carefully remove your vehicle's existing speakers or access the desired mounting locations.
3. **Check Fitment:** Ensure the MTX TERMINATOR6S woofers and tweeters fit into the intended locations. The woofer has a shallow mounting depth of 1.63 inches (4.15 cm).
4. **Mounting the Woofer:**



Image: Front view of the MTX Terminator 6.5-inch woofer without its protective grille, showcasing the red

polypropylene cone and the MTX Audio logo.

Place the woofer into the mounting hole. Use the provided screws to secure it firmly. If necessary, use mounting adapters for a proper fit. The removable grille incorporates a trim ring that makes all mounting screw heads invisible once installed.



Image: Side profile of the MTX Terminator 6.5-inch speaker, illustrating its shallow mounting depth and the robust steel basket construction.

5. Mounting the Tweeter:



Image: Front view of the MTX Terminator Mylar dome tweeter, designed for clear high-frequency sound reproduction.

Install the tweeters in a suitable location, typically near the woofers or in factory tweeter locations. Ensure they are securely mounted. Refer to the tweeter's specific mounting instructions if provided separately.

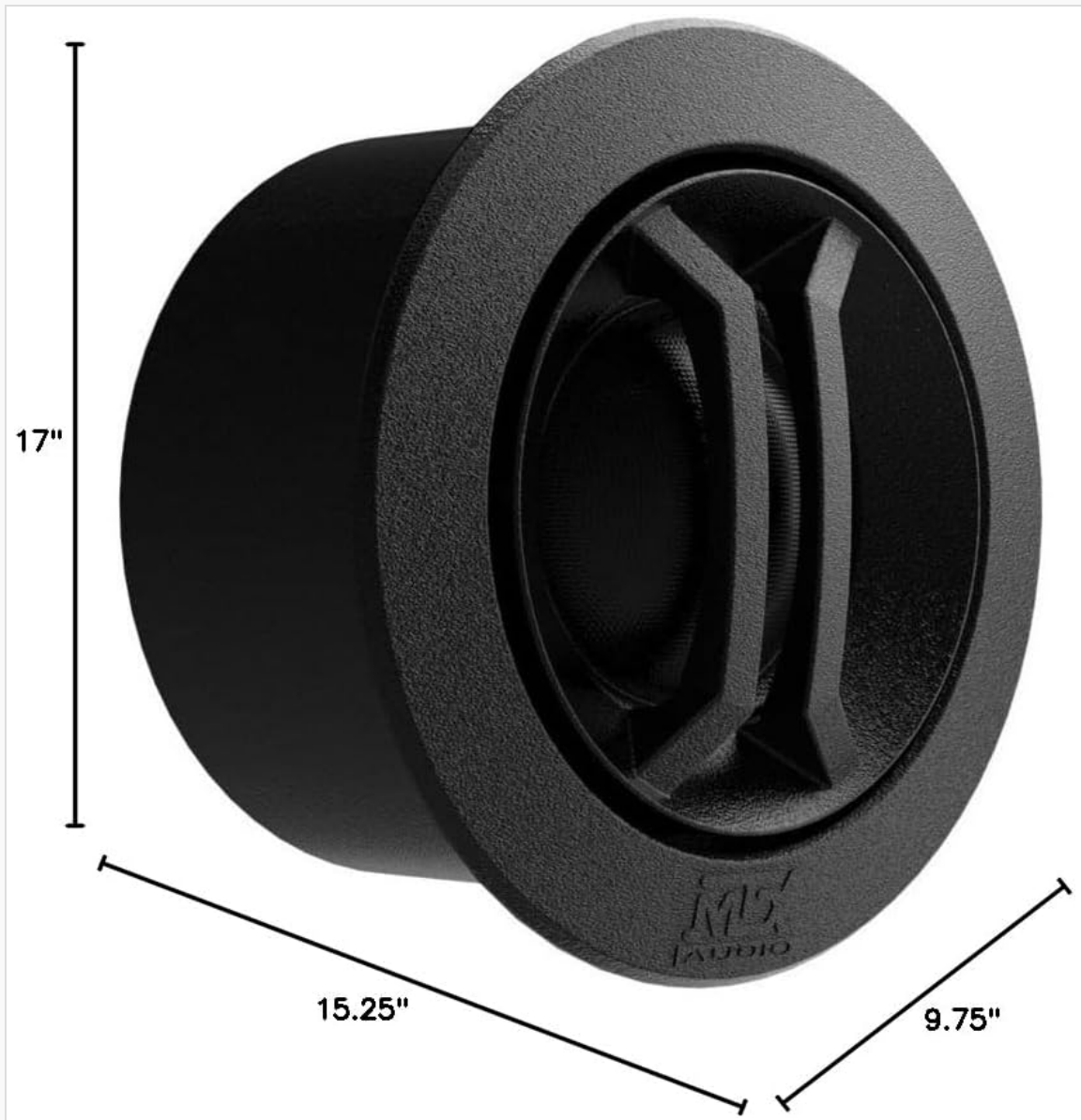


Image: The MTX Terminator Mylar dome tweeter shown with its approximate dimensions, indicating its compact size for versatile installation.

6. Wiring:



Image: Rear view of the MTX Terminator 6.5-inch speaker, displaying the speaker terminals for wiring connections and product specifications.

Connect the positive (+) terminal of the speaker to the positive (+) output of your amplifier or head unit, and the negative (-) terminal to the negative (-) output. Ensure all connections are secure and properly insulated. The TERMINATOR6S speakers have a 4Ω impedance.

For component systems, ensure the tweeters are wired correctly, often in parallel with the woofer or through a passive crossover (if included, though this model states Crossover: NA, implying direct connection or head unit crossover).

7. **Test System:** Reconnect the vehicle's battery. Turn on your audio system and test the speakers at a low volume. Gradually increase the volume to ensure proper operation and sound quality.
8. **Secure Wiring and Reassemble:** Secure all wiring to prevent rattles or damage. Reassemble any removed panels or grilles.

OPERATING INSTRUCTIONS

Once installed, your MTX Terminator Series speakers are ready for use. Follow these guidelines for optimal performance:

- **Volume Control:** Adjust the volume on your head unit or amplifier to a comfortable listening level. Avoid prolonged listening at excessively high volumes to prevent speaker damage and hearing loss.
- **Equalization:** Use your head unit's or amplifier's equalizer settings to fine-tune the sound to your preference. Start with flat settings and make small adjustments.

- **Break-in Period:** New speakers may require a short break-in period (typically 10-20 hours of normal use) to achieve their full sound potential. During this time, avoid playing them at maximum volume.
- **Power Handling:** These speakers are rated for 45 Watts RMS. Ensure your amplifier's output matches or is slightly below this rating to prevent damage.

MAINTENANCE

The MTX Terminator Series speakers are designed for durability and require minimal maintenance:

- **Cleaning:** Use a soft, dry cloth to gently wipe dust or dirt from the speaker grilles and cones. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check speaker connections for tightness and ensure no wires are frayed or exposed.
- **Environmental Protection:** While designed for automotive use, avoid direct exposure to extreme elements like heavy rain or direct sunlight for extended periods, which can degrade materials over time.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No Sound from Speakers	<ul style="list-style-type: none">◦ Loose or incorrect wiring◦ Amplifier/head unit off or in protect mode◦ Blown fuse◦ Speaker damage	<ul style="list-style-type: none">◦ Check all wiring connections for tightness and correct polarity.◦ Verify amplifier/head unit power and settings.◦ Inspect and replace any blown fuses in the audio system or vehicle.◦ If speaker is damaged, replacement may be necessary.
Distorted Sound	<ul style="list-style-type: none">◦ Volume too high◦ Improper gain settings on amplifier◦ Poor quality audio source◦ Loose mounting	<ul style="list-style-type: none">◦ Reduce volume to a comfortable level.◦ Adjust amplifier gain settings according to manufacturer recommendations.◦ Try a different audio source.◦ Ensure speakers are securely mounted.
Weak Bass Response	<ul style="list-style-type: none">◦ Incorrect wiring polarity◦ Insufficient power◦ Improper equalization settings	<ul style="list-style-type: none">◦ Verify positive and negative connections are correct.◦ Ensure amplifier provides adequate power.◦ Adjust bass settings on your head unit or amplifier.

SPECIFICATIONS

Model	TERMINATOR6S
Speaker Type	Component, 2-Way
Woofer Diameter	6.5 Inches

Tweeter Diameter	2.54 Centimeters (1 Inch)
RMS Power Handling	45 Watts
Peak Power Handling	90 Watts
Impedance	4 Ohms (Ω)
Frequency Response	62Hz - 20kHz
Sensitivity	85.5dB (2.83V/1m)
Woofer Cone Material	Polypropylene
Woofer Mounting Depth	1.63 inches (4.15 cm)
Grille Included	Yes

WARRANTY AND SUPPORT




MTX Audio products are designed and manufactured to the highest quality standards. This product comes with a Limited Warranty. Please refer to the official MTX Audio website or your purchase documentation for specific warranty terms and conditions, including duration and coverage details.




For technical support, troubleshooting assistance, or warranty claims, please contact MTX Audio customer service through their official website or the retailer where the product was purchased.

Online Resources: www.mtx.com

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Related Documents - TERMINATOR6S

	<p>MTX Marine Series Amplifiers MA Series - User Manual & Specifications</p> <p>Comprehensive user manual and technical specifications for MTX Marine Series Amplifiers, including models MA750.1, MA1500.1, MA2500.1, MA400.4, MA800.4, MA1400.5, and MA900.6. Covers installation, wiring, controls, features, and warranty.</p>
	<p>Mikasa Tamping Rammer MTX-60E Spare Parts Manual</p> <p>Comprehensive spare parts manual for the Mikasa Tamping Rammer MTX-60E, detailing components, part numbers, and diagrams for maintenance and repair. Includes information on various Mikasa rammer models like MTX-60, MTX-60F, MTX-70, MTX-80, and MTX-90.</p>
	<p>Honeywell Home MT4/MT8 Small Linear Thermoelectric Actuators - Product Specification</p> <p>Detailed product specification sheet for Honeywell Home MT4 and MT8 series small linear thermoelectric actuators, covering applications, features, technical data, dimensions, and ordering information.</p>

 The image shows the cover of the Xsens MTi and MTx User Manual and Technical Documentation. It features two orange sensor units, one with a cable attached. The Xsens logo is in the bottom right corner.	<p>MTi and MTx User Manual and Technical Documentation</p> <p>Discover the Xsens MTi and MTx series, miniature inertial measurement units (IMUs) offering precise 3D orientation, acceleration, and rate of turn data. This manual details their technical specifications, communication interfaces, and application use cases for robotics, biomechanics, and more. Learn about Xsens' advanced sensor fusion technology for reliable motion tracking.</p>
 The image shows the cover of the Topeak TetraRack M2 HD: Heavy-Duty Rear Rack for Mountain Bikes manual. It features a black and white photograph of the rear rack installed on a mountain bike. The Topeak logo is in the top left corner.	<p>Topeak TetraRack M2 HD: Heavy-Duty Rear Rack for Mountain Bikes</p> <p>Discover the Topeak TetraRack M2 HD, a versatile, heavy-duty rear rack designed for mountain and full-suspension bikes. Features QuickTrack® system compatibility, tool-free mounting, and a 20kg load capacity.</p>
 The image shows the cover of the MTX Audio FMUST05BK12A-TN Ford Mustang Subwoofer Enclosure Owner's Manual & Installation Guide. It features a black subwoofer enclosure. The MTX Audio logo is in the top left corner, and the Thunder Form logo is below it.	<p>MTX Audio FMUST05BK12A-TN Ford Mustang Subwoofer Enclosure Owner's Manual & Installation Guide</p> <p>Comprehensive owner's manual and installation guide for the MTX Audio FMUST05BK12A-TN vehicle-specific subwoofer enclosure for the Ford Mustang (2005-2013). Includes features, specifications, installation steps, troubleshooting, and warranty information.</p>