

## MTX TNE212D

# MTX Dual 12-Inch Subwoofers with Loaded Enclosure

Model: TNE212D

Brand: MTX

## INTRODUCTION

The MTX Dual 12-Inch Subwoofers with Loaded Enclosure are designed to deliver powerful and deep bass sound for your car audio system. This manual provides essential information for the proper setup, operation, and maintenance of your subwoofer system to ensure optimal performance and longevity.

Key features include:

- Experience the unbeatable power of dual-loaded subwoofers with a maximum power of 1200W and a reliable RMS output of 400W, conveniently enclosed to deliver outstanding performance.
- Enjoy profound, resonant bass as the 2-inch aluminum single 2-ohm voice coil and the 48-ounce magnet work together in flawless harmony, delivering a powerful audio performance.
- Ensuring speaker durability features a rubber surround and polypropylene cone; Solid 5/8 inch MDF construction, covered in black carpet, keeps your subwoofers securely in place.
- Achieve the ideal fusion of style and power with a sealed enclosure featuring the iconic Terminator logo and the impressive performance of a Terminator mono block MTX amplifier.
- Frequency response range is 37-150 Hz; Bottom has a depth of 13.5 inches, top has a depth of 11.13 inches with dimensions measuring 29.69 inches in width and 14 inches in height.



Figure 1: The MTX Dual 12-Inch Subwoofers in their loaded enclosure.

## WHAT'S IN THE BOX

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Upon unpacking, please ensure all items are present and in good condition:

- MTX Dual 12-Inch Subwoofers with Loaded Enclosure

## SETUP

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### 1. Placement

The sealed enclosure is designed for optimal performance within a vehicle. Consider the dimensions (13.5"D x 29.69"W x 14"H) to find a secure and stable location, typically in the trunk or cargo area, that allows for proper air circulation around the enclosure and any connected amplifier.

# Complete Sound Package

Ideal for car audio enthusiasts seeking a powerful and easy-to-install system.

**1** MTX 12" TNE212D  
1200W Dual Loaded  
Car Subwoofer



**MTX**  
AUDIO

Figure 2: Proper placement of the subwoofer enclosure in a vehicle's trunk.

# **MTX TNE212D 12"**

## **1200W DUAL LOADED**

### **CAR SUBWOOFER**

*Dimensions:*



Figure 3: Detailed dimensions of the subwoofer enclosure for precise fitting.

## **2. Wiring and Connections**

The MTX TNE212D features a 2-ohm impedance. Ensure your amplifier is stable and capable of delivering power efficiently at this impedance. Connect the subwoofer enclosure to your amplifier's subwoofer output using appropriate gauge speaker wire.

The enclosure features convenient push-terminal connectors on the rear. Press down on the terminal, insert the stripped speaker wire, and release to secure the connection. Ensure correct polarity (positive to positive, negative to negative) for optimal sound reproduction.

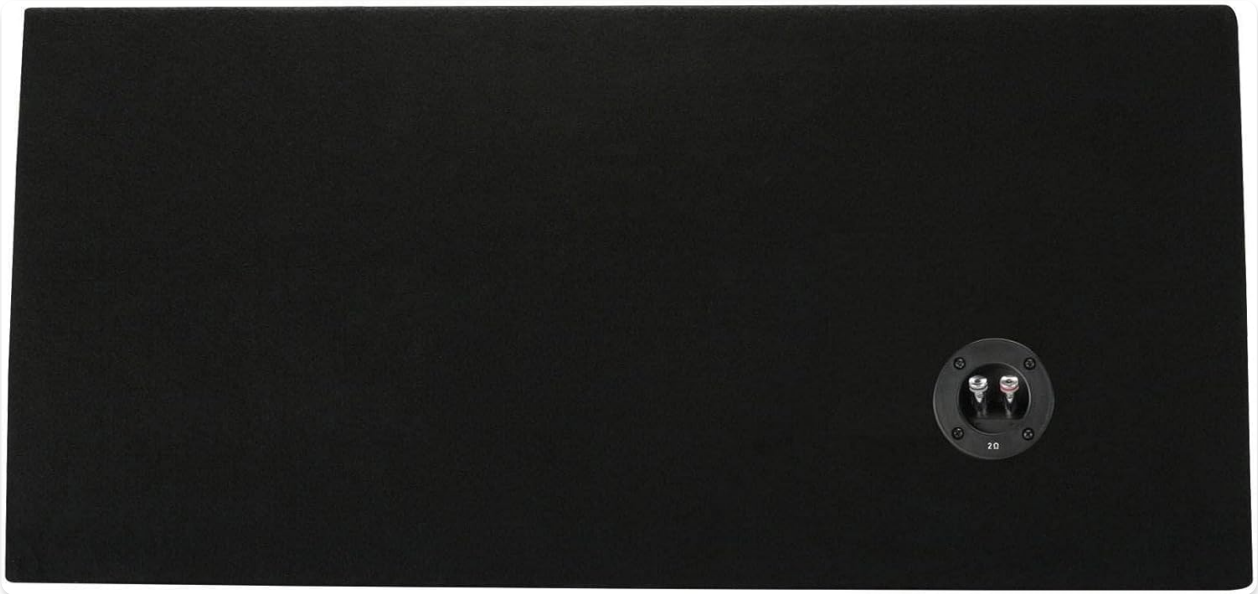


Figure 4: Rear terminal connections for speaker wire.

### 3. Amplifier Configuration

Set your amplifier's gain control to match the output voltage of your head unit. Start with the gain at its lowest setting and slowly increase it until you hear distortion, then back off slightly. Adjust the low-pass filter (LPF) on your amplifier to around 80-100 Hz to ensure the subwoofers only reproduce low frequencies, preventing distortion and improving overall sound quality.

## OPERATING YOUR SUBWOOFERS

### 1. Break-in Period

Allow for a break-in period of approximately 20-30 hours of normal listening before pushing the subwoofers to their maximum capabilities. This allows the speaker components to loosen up and perform optimally.

### 2. Volume and Gain Control

Always adjust the volume from your head unit. The amplifier's gain control should be set once during initial setup and generally not used for daily volume adjustments. Avoid excessive volume levels that cause audible distortion, as this can damage the subwoofers and amplifier.

### 3. Sound Adjustment

Utilize your head unit's bass controls or equalizer settings to fine-tune the bass output to your preference. Experiment with different settings to find the balance that best suits your music and listening environment.

## MAINTENANCE

Regular maintenance will help prolong the life and performance of your MTX subwoofers:

- **Cleaning:** Use a soft, dry cloth to wipe down the enclosure and subwoofer cones. Avoid using harsh chemicals or abrasive cleaners.

- **Connection Check:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion. Loose connections can lead to poor performance or damage.
- **Environmental Conditions:** Protect the enclosure from direct sunlight, extreme temperatures, and moisture. These conditions can degrade the materials over time.

## TROUBLESHOOTING

### No Sound from Subwoofers

- Check all power and ground connections to the amplifier.
- Verify the remote turn-on wire is connected and receiving power.
- Ensure the amplifier is powered on (check indicator lights).
- Confirm speaker wires are securely connected to both the amplifier and the subwoofer enclosure, with correct polarity.
- Check the audio source unit (head unit) for proper output and settings.

### Distorted or Poor Sound Quality

- Reduce the amplifier's gain setting.
- Lower the volume on your head unit.
- Check for loose speaker wire connections or frayed wires.
- Ensure the amplifier's low-pass filter (LPF) is set correctly (e.g., 80-100 Hz).
- Verify the subwoofer impedance (2 ohms) matches the amplifier's stable operating impedance.

### Subwoofers Overheating

- Ensure adequate ventilation around the amplifier and subwoofer enclosure.
- Reduce prolonged high-volume listening.
- Check for proper impedance matching between the subwoofers and amplifier.

## SPECIFICATIONS

Feature	Detail
Brand	MTX
Model Name	TNE212D
Speaker Type	Subwoofer
Subwoofer Diameter	12 Inches
Speaker Maximum Output Power	1200 Watts
Impedance	2 Ohm

Frequency Response	37 Hz
Product Dimensions	13.5"D x 29.69"W x 14"H
Item Weight	30 Pounds
Connectivity Technology	Auxiliary, Wired
Audio Output Mode	Mono
Construction Material	Solid 5/8 inch MDF, Black Carpet

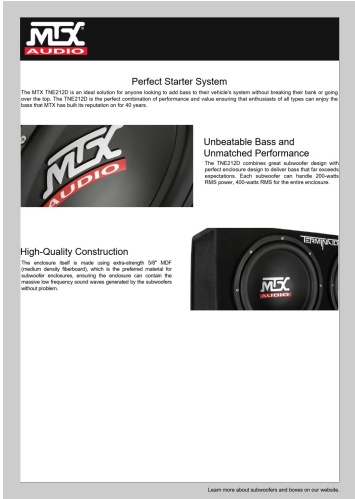
## WARRANTY AND SUPPORT

The MTX Dual 12-Inch Subwoofers with Loaded Enclosure come with a Limited Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the official user manual provided by MTX. For further assistance, technical support, or to download the complete user manual in PDF format, please visit the official MTX website or refer to the documentation provided with your purchase.

Download Official User Manual  
(PDF)

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### Documents - MTX – TNE212D



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Perfect Starter System The MTX **TNE212D** is an ideal solution for anyone looking to add bass to their vehicle s system without breaking their bank or going over the top. The **TNE212D** is the perfect combination of performance and value ensuring that enthusiasts of all types can enjoy the bass that MTX h...

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[MTX Audio Mobile Audio Product Guide: Subwoofers, Amplifiers, and Speakers](#)

Discover the extensive range of MTX Audio mobile sound solutions. This product guide details the latest in subwoofers, amplifiers, and speaker systems, including the renowned JackHammer, 95 Series, 75 Series, S65 Series, 55 Series, 35 Series, Terminator, ThunderForm, XThunder Amplifiers, Thunder Amplifiers, Signature Series Speakers, Thunder Speakers, Terminator Speakers, and RoadThunder Extreme Speakers. Find detailed specifications, features, and performance highlights for enhancing your vehicle's audio experience.  
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