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› MENACE AUDIO /

› MENACE AUDIO VOICEBOX 4-6.5" Midrange Enclosure & M Series 3000W 4-Channel Amplifier Package Instruction Manual

MENACE AUDIO MA-VB6525-4R-AMPM43000

MENACE AUDIO VOICEBOX 4-6.5" Midrange Enclosure & M Series 3000W 4-Channel Amplifier Package Instruction Manual

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your MENACE AUDIO VOICEBOX 4-6.5" Midrange Enclosure and M Series 3000W 4-Channel Amplifier Package. Please read this manual thoroughly before attempting installation or operation to ensure proper function and longevity of your audio system components.

PRODUCT COMPONENTS

The MENACE AUDIO VOICEBOX package includes the following components:

- **VOICEBOX Midrange Enclosure:** Designed to house the speakers and tweeters.
- **4 x VS65 Midrange Speakers:** Each speaker has a maximum power handling of 500 Watts and an RMS power of 150 Watts.
- **4 x MA-TW25 Super Tweeters:** Each tweeter has a maximum power handling of 150 Watts and an RMS power of 75 Watts.
- **M SERIES M4-3000 3000 Watt 4-Channel Amplifier:** Provides power to the audio system.
- **4G Amplifier Kit:** Essential wiring and accessories for amplifier installation.



Figure 1: Overview of VOICEBOX components including speakers, tweeters, terminals, and feet.



Figure 2: Front view of the M SERIES M4-3000 Amplifier.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. It is recommended that installation be performed by a qualified professional.

Enclosure Placement

The VOICEBOX enclosure is designed for universal installation in various vehicles such as cars, Jeeps, SUVs, and vans. Ensure the mounting location is secure and allows for proper air circulation around the enclosure and amplifier.

Dimensions:

Weight: 30 lbs



Universal Installation

Our designs allow installations in cars, Jeeps, vans, SUV's, etc. Virtually anywhere you can safely and securely mount them.



Figure 3: Enclosure dimensions and universal installation examples.

Wiring Connections

- 1. Speaker and Tweeter Connections:** The enclosure features two push-in terminals for easy connection. Ensure correct polarity when connecting speaker wires to the terminals.
- 2. Amplifier Power:** Use the provided 4G Amplifier Kit to connect the M4-3000 amplifier to your vehicle's power system. Connect the positive (+) terminal to the battery, the negative (-) terminal to a chassis ground, and the remote turn-on wire to your head unit's remote output.
- 3. Audio Input:** Connect your head unit's RCA outputs to the amplifier's input terminals.
- 4. Speaker Output:** Connect the enclosure's speaker terminals to the amplifier's speaker output terminals. The recommended RMS power per terminal is 200 watts.



Figure 4: Back and bottom views of the VOICEBOX enclosure.

OPERATING INSTRUCTIONS

Once installed, operate your audio system as follows:

1. **Power On:** Turn on your vehicle's ignition and head unit. The amplifier should power on automatically via the remote turn-on connection.
2. **Volume Control:** Adjust the volume using your head unit's controls. Avoid setting the volume too high, which can cause distortion and damage to speakers or amplifier.
3. **Amplifier Settings:** The M4-3000 amplifier offers various settings (e.g., gain, crossover frequencies) that can be adjusted to optimize sound quality. Refer to the amplifier's specific manual for detailed adjustment procedures.
4. **Audio Output:** The system supports stereo and 4-channel audio output modes.
5. **Compatible Devices:** This system is compatible with various audio sources including desktop computers, laptops, MP3 players, smartphones, and tablets when connected via a compatible head unit.

MAINTENANCE

To ensure the longevity and performance of your MENACE AUDIO system, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the enclosure and amplifier with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
 - **Inspection:** Periodically check all wiring connections for tightness and signs of wear. Loose connections can lead to poor performance or damage.
 - **Ventilation:** Ensure the amplifier has adequate ventilation to prevent overheating. Do not block cooling fins or vents.
 - **Environmental Protection:** Protect the system from extreme temperatures, moisture, and direct sunlight. The system is not waterproof.
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TROUBLESHOOTING

If you encounter issues with your MENACE AUDIO system, refer to the following common problems and solutions:

- **No Sound:**
 - Check all power and ground connections to the amplifier.
 - Verify the remote turn-on wire is connected and receiving signal.
 - Ensure RCA audio input cables are securely connected.
 - Check speaker wire connections for correct polarity and secure contact.
- **Distorted Sound:**
 - Reduce the gain setting on the amplifier.
 - Check for damaged speaker cones or tweeters.
 - Ensure speaker wires are not shorting.
- **Amplifier Overheating:**
 - Ensure adequate ventilation around the amplifier.
 - Check speaker impedance to ensure it matches the amplifier's specifications.
 - Reduce the amplifier's gain setting.
- **Intermittent Sound:**
 - Inspect all wiring for loose connections or frayed wires.
 - Check for intermittent power supply issues.

If problems persist after attempting these solutions, contact customer support.

SPECIFICATIONS

Brand	MENACE AUDIO
Model Number	MA-VB6525-4R-AMPM43000
Model Name	VOICEBOX PACKAGE
UPC	819071023357
Speaker Maximum Output Power	500 Watts (per VS65 Midrange Speaker)
Recommended RMS Power (per terminal)	200 Watts
Connectivity Technology	Terminal
Audio Output Mode	Stereo, 4-Channel
Mounting Type	Flush Mount
Speaker Type	Midrange
Control Method	Remote
Speaker Size	8.25 Inches (overall enclosure width)
Number of Audio Channels	2.0 (for output, amplifier is 4-channel)
Compatible Devices	Desktop, Laptop, MP3 Player, Smartphone, Tablet (via head unit)
Built-In Media	Enclosure, Amplifier, Amplifier Kit
Number of Items	3 (Enclosure, Amplifier, Amplifier Kit)
Item Dimensions (L x W x H)	30.25in x 8.25in x 4.9in
Item Weight	30 lbs (21.18 Kilograms)
Audio Driver Type	Dynamic Driver
Is Waterproof	False

WARRANTY AND SUPPORT

This product comes with a **Limited Warranty**. The warranty description provided is an **Amazon Warranty**. For specific details regarding coverage, duration, and claims, please refer to the Amazon Warranty information available at the time of purchase.

For technical support, troubleshooting assistance beyond this manual, or warranty inquiries, please contact Menace Audio Inc. customer service. You may also visit the official MENACE AUDIO Store on Amazon for additional resources.
