

MENACE AUDIO VOICEBOX

MENACE AUDIO VOICEBOX® VOICEBAR MA-VBR42 Midrange Enclosure

User Manual

1. INTRODUCTION

Thank you for choosing the MENACE AUDIO VOICEBOX® VOICEBAR MA-VBR42 High Output Slim Profile Midrange Enclosure. This product is designed to deliver superior sound quality and high output in a compact form factor, suitable for various installations. This manual provides essential information for proper installation, operation, and maintenance to ensure the best performance and longevity of your unit.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and operation.
- Disconnect the vehicle's battery negative terminal before any electrical work to prevent short circuits.
- Ensure all wiring is properly insulated and secured to prevent damage and electrical hazards.
- Do not expose the unit to moisture or extreme temperatures. This product is not waterproof.
- Consult a professional car audio installer if you are unsure about any installation steps.
- Use appropriate personal protective equipment during installation.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x MENACE AUDIO VOICEBOX® VOICEBAR MA-VBR42 Midrange Enclosure
- 2 x 4-inch Bullet Midrange Speakers (pre-installed)
- 2 x MA-TW25NSL Super Tweeters (pre-installed)
- Mounting Bars (pre-installed or included for attachment)

4. PRODUCT OVERVIEW

The VOICEBOX® VOICEBAR MA-VBR42 is a high-performance, slim-profile midrange enclosure designed for car audio systems. It features a robust 100% MDF construction for optimal sound integrity, housing two 4-inch bullet midrange speakers and two MA-TW25NSL super tweeters.



Figure 4.1: Front view of the MENACE AUDIO VOICEBOX VOICEBAR MA-VBR42 Midrange Enclosure, showcasing the two midrange speakers and two super tweeters.

Key Features:

- **Slim Profile Design:** Allows for versatile installation in various vehicle locations.
- **High Output:** Equipped with powerful midrange speakers and super tweeters for clear and dynamic sound.
- **Durable Construction:** Made from 100% MDF for superior structural integrity and acoustic performance.
- **Integrated Mounting Bars:** Facilitates secure installation in multiple positions.

5. INSTALLATION

Proper installation is crucial for optimal performance and safety. It is recommended to have this unit installed by a qualified professional.

5.1 Mounting the Enclosure

The VOICEBAR MA-VBR42 includes integrated mounting bars for secure placement. The enclosure can be installed in various locations within your vehicle, such as under seats, in the trunk, or behind panels, depending on available space and desired sound staging.

1. **Step 1: Select Mounting Location.** Choose a secure, flat surface in your vehicle that can support the enclosure's weight and dimensions. Ensure the location does not obstruct vehicle operation or safety features.
2. **Step 2: Prepare Mounting Surface.** If necessary, remove any existing rubber feet from the enclosure to expose the mounting points for the mounting bars.
3. **Step 3: Secure Mounting Bars.** Attach the mounting bars to the left and right sides of the enclosure using appropriate screws (not explicitly mentioned if included, assume standard hardware).
4. **Step 4: Fasten Enclosure.** Securely fasten the enclosure to the chosen vehicle surface using appropriate hardware through the mounting bars. Ensure the enclosure is stable and does not vibrate during vehicle operation.

How to install Mounting Plates?

Step 1: Remove Rubber Feet



Done



Step 2: Screw in Mounting Plates to Left & Right



Figure 5.1: Visual guide for installing mounting plates. Step 1 shows removing rubber feet, and Step 2 illustrates screwing in mounting plates to the sides of the enclosure.

5.2 Wiring Connections

The enclosure features two push-in terminals for easy connection to your amplifier. Ensure correct polarity (+ to + and - to -) to avoid phase issues and potential damage to the speakers or amplifier.

- Connect the positive (+) terminal of the enclosure to the positive (+) output of your amplifier.
- Connect the negative (-) terminal of the enclosure to the negative (-) output of your amplifier.
- Use appropriate gauge speaker wire for the power handling of the enclosure and the distance of the run.

6. OPERATION

Once installed and wired correctly, the VOICEBAR MA-VBR42 will function as part of your car audio system. It is designed to reproduce midrange frequencies and high frequencies (via tweeters) with clarity and power.

- **Amplifier Settings:** Adjust your amplifier's gain, crossover, and equalization settings to optimize the sound output from the VOICEBAR. Typically, a high-pass filter should be applied to protect the midrange speakers from low bass frequencies.

- **Volume Control:** Always start with low volume and gradually increase it to prevent speaker damage and hearing loss.
- **Listening Environment:** The sound quality can be affected by the vehicle's interior acoustics. Experiment with placement and amplifier settings for the best listening experience.

7. MAINTENANCE

To ensure the longevity and performance of your VOICEBAR MA-VBR42, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the enclosure. Avoid using harsh chemicals or abrasive cleaners.
- **Moisture:** Keep the unit dry. It is not waterproof, and exposure to moisture can cause damage.
- **Temperature:** Avoid exposing the unit to extreme temperatures, which can affect material integrity and speaker performance.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.

8. TROUBLESHOOTING

If you experience issues with your VOICEBAR MA-VBR42, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from enclosure	Loose or incorrect wiring Amplifier not powered on or faulty Source unit issue	Check all speaker wire connections for proper polarity and secure fit. Verify amplifier power and functionality. Ensure the head unit is sending an audio signal.
Distorted sound	Amplifier gain set too high Incorrect crossover settings Damaged speaker	Reduce amplifier gain. Adjust high-pass filter on amplifier to protect midrange speakers. Inspect speakers for physical damage.
Intermittent sound	Loose wiring connection Faulty speaker wire	Check and secure all connections. Replace speaker wire if damaged.

If the problem persists after attempting these solutions, contact MENACE AUDIO customer support or a qualified service technician.

9. SPECIFICATIONS

Dimensions:

Weight: 11 lbs



Figure 9.1: Detailed dimensions and identification of components: 4-inch Bullet Midrange Speakers, 2 Push-In Terminals, and 3.25-inch Super Tweeters.

Feature	Detail
Model Name	VOICEBAR (MA-VBR42)
Enclosure Type	High Output Slim Profile Midrange Enclosure
Construction Material	100% MDF
Midrange Speakers	2 x 4-inch Bullet Midrange Speakers
Midrange Speaker Power (Each)	120 Watts Max / 60 Watts RMS
Tweeters	2 x MA-TW25NSL Super Tweeters
Tweeter Power (Each)	150 Watts Max / 75 Watts RMS
Connectivity Technology	Wired (Push-in terminals)
Audio Output Mode	Stereo
Product Dimensions (L x W x H)	18.75 in. x 4 in. x 4.75 in.
Item Weight	11 lbs
Waterproof	No
Power Source	Vehicle 12V DC Power (via amplifier)
Mounting Type	Vehicle Mount (via mounting bars)
UPC	819071021315

10. WARRANTY INFORMATION

The MENACE AUDIO VOICEBOX® VOICEBAR MA-VBR42 comes with a Limited Warranty. Please refer to the warranty card included with your product or visit the official MENACE AUDIO website for detailed terms and conditions regarding coverage, duration, and claims procedures.

Note: Damage resulting from improper installation, misuse, or exposure to moisture is typically not covered under warranty.

11. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact MENACE AUDIO customer support:

- **Website:** Visit the MENACE AUDIO Store on Amazon (for general product information)
- Refer to your product packaging or included documentation for direct contact information (phone/email).