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Audiopipe APMINIB1000A

Audiopipe APMINIB1000A Single 10" Amplified Ported Bass Enclosure User Manual

Model: APMINIB1000A

1. INTRODUCTION

Thank you for choosing the Audiopipe APMINIB1000A Single 10" Amplified Ported Bass Enclosure. This manual provides essential information for the proper installation, operation, and maintenance of your new audio system component. Please read this manual thoroughly before attempting to install or operate the unit to ensure optimal performance and safety.

Safety Precautions

- Always disconnect the vehicle's battery negative terminal before making any electrical connections.
- Ensure all wiring is properly routed and secured to prevent damage or short circuits.
- Avoid installing the enclosure in locations exposed to direct sunlight, excessive heat, moisture, or dust.
- Consult a professional installer if you are unsure about any part of the installation process.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

2. PRODUCT OVERVIEW

The Audiopipe APMINIB1000A is a compact, amplified, ported bass enclosure designed to deliver powerful low-frequency sound in your vehicle. It features a single 10-inch subwoofer integrated with a high-efficiency amplifier, providing a complete bass solution.



Figure 2.1: Angled view of the Audiopipe APMINIB1000A bass enclosure, showing the subwoofer and side panel.

Key Features

- Single 10-inch subwoofer for deep bass reproduction.
- Integrated amplifier with 1200 Watts maximum output power.
- Ported enclosure design for enhanced bass response.
- Compact dimensions for versatile placement.
- Remote control for convenient volume adjustment.

Package Contents

- Audiopipe APMINIB1000A Amplified Bass Enclosure
- Remote Bass Level Control
- Wiring Harness (Power, Ground, Remote, High-Level Input)
- User Manual (this document)

3. SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your bass enclosure. Follow these steps carefully.

3.1 Placement Considerations

Choose a secure location in your vehicle that allows for adequate ventilation and protects the unit from physical damage. Common locations include the trunk or under a seat. Ensure the enclosure is firmly mounted to prevent movement during vehicle operation.

3.2 Wiring Connections

Refer to the rear panel diagram for correct wiring. All connections should be secure and insulated.



Figure 3.1: Rear panel connections and controls of the APMINIB1000A.

- 1. Power Connection (B+):** Connect the main power wire from the enclosure to the positive (+) terminal of your vehicle's battery. Use an appropriate gauge wire and install an in-line fuse (not supplied) as close to the battery as possible.
- 2. Ground Connection (GND):** Connect the ground wire from the enclosure to a clean, unpainted metal surface on the vehicle's chassis. Ensure a solid electrical connection.
- 3. Remote Turn-On (REM):** Connect the remote turn-on wire from the enclosure to the remote output of your car stereo. This wire signals the amplifier to turn on and off with your stereo.
- 4. Audio Input:**
 - Low-Level Input (RCA):** If your car stereo has RCA pre-outs, connect them to the 'LOW INPUT' RCA jacks on the enclosure.
 - High-Level Input:** If your car stereo does not have RCA pre-outs, use the supplied high-level input harness. Connect the speaker wires from your car stereo's rear speakers to the corresponding inputs on the harness.

5. **Remote Bass Control:** Connect the remote bass level control to the designated port on the enclosure. Mount the control in an accessible location for easy adjustment.

4. OPERATING INSTRUCTIONS

Once installed, you can begin operating your Audiopipe bass enclosure. Familiarize yourself with the controls for optimal sound customization.

4.1 Initial Power-Up

After all connections are made and verified, reconnect the vehicle's battery. Turn on your car stereo. The power indicator on the enclosure should illuminate, indicating it is receiving power.

4.2 Control Panel Functions

The rear panel (refer to Figure 3.1) features several controls to fine-tune the bass output:

- **VOLUME (MIN/MAX):** Adjusts the overall output level of the subwoofer. Start with a low setting and gradually increase.
- **PHASE (0°/180°):** Selects the phase of the subwoofer output. Adjust this to match the phase of your main speakers for optimal bass integration.
- **FREQ (30Hz-200Hz):** This is the low-pass filter (LPF) crossover frequency. It determines the highest frequency the subwoofer will reproduce. Adjust this to blend smoothly with your main speakers.
- **LOW INPUT:** RCA input jacks for low-level audio signals from your head unit.
- **HIGH INPUT:** Connector for the high-level input harness, used when RCA outputs are not available.

4.3 Remote Bass Level Control

The included remote control allows for convenient adjustment of the subwoofer's volume level from the driver's seat without accessing the enclosure directly.



Figure 4.1: Front view of the APMINIB1000A, highlighting the subwoofer.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your bass enclosure.

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the enclosure. Avoid using harsh chemicals or abrasive cleaners.
- **Inspections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.
- **Ventilation:** Ensure that the amplifier's heat sink and ports are not obstructed to allow for proper cooling.

6. TROUBLESHOOTING

If you encounter issues with your Audiopipe bass enclosure, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from subwoofer	No power to the unit Remote turn-on not connected Audio input not connected or faulty Blown fuse	Check power, ground, and remote connections. Verify remote wire is connected to stereo's remote output. Check RCA or high-level input connections. Inspect and replace fuse if necessary.
Distorted sound	Volume too high Gain/Volume setting too high Improper crossover setting	Reduce the volume on your stereo. Adjust the VOLUME control on the enclosure. Adjust the FREQ (crossover) control.
Subwoofer turns on and off intermittently	Loose wiring connections Overheating	Check all power, ground, and remote connections. Ensure adequate ventilation around the enclosure.
Weak or muddy bass	Incorrect phase setting Low input signal Improper crossover setting	Toggle the PHASE switch (0°/180°). Ensure head unit output is sufficient. Adjust the FREQ (crossover) control.

7. SPECIFICATIONS

Technical specifications for the Audiopipe APMINIB1000A Amplified Ported Bass Enclosure:

Feature	Specification
Model Name	APMINIB1000A
Speaker Type	Subwoofer
Subwoofer Diameter	10 Inches
Speaker Maximum Output Power	1200 Watts
Connectivity Technology	Auxiliary
Audio Output Mode	Mono
Control Method	Remote
Product Dimensions (D x W x H)	6.75"D x 21"W x 13.5"H
Mounting Type	Car Mount
Manufacturer	AUDIOPIPEMAP

8. WARRANTY INFORMATION

This Audiopipe product is covered by a limited warranty. Please refer to the warranty card included with your purchase or contact Audiopipe customer support for specific terms and conditions. The warranty typically covers defects in materials and workmanship under normal use for a specified period from the date of purchase.

9. CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please visit the official Audiopipe store or contact their customer service department.

Audiopipe Official Store: [Visit Audiopipe Store on Amazon](#)

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