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## Audiopipe APMB620PM

# Audiopipe 6-inch 250W Low Mid Frequency Loudspeaker

MODEL: APMB620PM

## Introduction

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This manual provides essential information for the proper installation, operation, and maintenance of your Audiopipe APMB620PM 6-inch Low Mid Frequency Loudspeaker. Please read these instructions carefully before use to ensure optimal performance and safety.



Figure 1: Audiopipe APMB620PM 6-inch Low Mid Frequency Loudspeaker (Front View)

## Safety Information

Always observe the following safety precautions:

- **Professional Installation Recommended:** Car audio installation can be complex. If you are unsure about any step, consult a qualified professional.
- **Disconnect Power:** Before beginning any installation, disconnect the vehicle's battery to prevent electrical shorts and damage.
- **Wiring:** Ensure all wiring is correctly connected, insulated, and secured to prevent shorts, interference, and potential fire hazards. Use appropriate gauge wire for power and speaker connections.
- **Mounting:** Securely mount the loudspeaker to prevent it from becoming a projectile in case of sudden stops or accidents.
- **Ventilation:** Ensure adequate ventilation around the speaker and any connected amplifiers to prevent overheating.
- **Volume Levels:** Prolonged exposure to high volume levels can cause hearing damage. Adjust volume responsibly.

- **Not Waterproof:** This speaker is **not waterproof**. Avoid exposure to water or excessive moisture.

## Package Contents

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Verify that all items are present in the package:

- Audiopipe APMB620PM 6-inch Low Mid Frequency Loudspeaker
- Funnel (as included component)
- Mounting hardware (if applicable, not explicitly listed but common)

## Setup and Installation

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Follow these steps for proper installation:

1. **Choose Mounting Location:** This speaker is designed for car mount applications. Select a suitable location in your vehicle that accommodates a 6-inch speaker and allows for proper sound dispersion. Ensure there is sufficient mounting depth (72mm or 2 7/8 inches).
2. **Prepare Mounting Surface:** If replacing existing speakers, remove the old units. If installing in a new location, carefully cut a 6-inch diameter opening. Ensure the surface is clean and free of obstructions.
3. **Wiring Connections:**
  - Identify the positive (+) and negative (-) terminals on the speaker. These are typically marked.
  - Connect the positive (+) speaker wire from your amplifier or head unit to the positive (+) terminal on the loudspeaker.
  - Connect the negative (-) speaker wire from your amplifier or head unit to the negative (-) terminal on the loudspeaker.
  - Ensure all connections are secure and free from short circuits.



Figure 2: Rear View with Speaker Terminals

4. **Mount the Speaker:** Carefully place the speaker into the prepared opening. Secure it using appropriate screws or mounting hardware (not explicitly listed as included, but typically required). Do not overtighten.
5. **Test System:** Reconnect the vehicle's battery. Turn on your audio system and test the speaker at a low volume to ensure proper functionality and sound quality.

## Operating Instructions

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Once installed, the Audiopipe APMB620PM loudspeaker operates as part of your vehicle's audio system.

- **Audio Source:** Connect your audio system to compatible devices such as smartphones or tablets via your head unit or amplifier.
- **Volume Control:** Adjust the volume through your head unit or amplifier.
- **Sound Customization:** Utilize your audio system's equalizer and sound settings to optimize the sound output to your preference. This speaker is designed for music playback.
- **Voice Control:** If your connected head unit or compatible device supports voice control, you may use it to manage audio playback. The speaker itself is a passive component and does not have inherent voice control capabilities.

## Maintenance

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Proper maintenance ensures the longevity and performance of your loudspeaker.

- **Cleaning:** Use a soft, dry cloth to gently wipe the speaker cone and frame. Avoid using harsh chemicals or abrasive cleaners.
- **Moisture:** As the speaker is not waterproof, protect it from direct exposure to water, rain, or excessive humidity.
- **Inspection:** Periodically check wiring connections for tightness and ensure the speaker is securely mounted.
- **Environmental Factors:** Avoid exposing the speaker to extreme temperatures or direct sunlight for prolonged periods, which can degrade materials.

## Troubleshooting

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If you encounter issues, refer to the following common problems and solutions:

- **No Sound:**
  - Check all wiring connections from the amplifier/head unit to the speaker. Ensure they are secure and correctly polarized (+ to +, - to -).
  - Verify that the amplifier/head unit is powered on and functioning correctly.
  - Check the audio source and its connections.
- **Distorted Sound:**
  - Reduce the volume level. Distortion often occurs when the amplifier or speaker is overdriven.
  - Check for loose wiring connections or frayed wires.
  - Ensure the speaker is securely mounted and not vibrating against other surfaces.
  - Verify that the amplifier's gain settings are not set too high.
- **Intermittent Sound:**
  - Inspect all wiring for loose connections or damage.
  - Check for any short circuits in the wiring.

If problems persist, consult a professional car audio technician.

## Specifications

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Feature	Specification
Model Name	APMB620PM
Speaker Type	Woofer (Low Mid Frequency Loudspeaker)
Speaker Size	6 Inches
Maximum Output Power	250 Watts
Impedance	4 Ohms
Frequency Response	70-120 KHz
Mounting Type	Car Mount
Mounting Depth	72mm (2 7/8 inches)
Material	Steel

Feature	Specification
Item Weight	3.27 pounds
Package Dimensions	7.32 x 7.32 x 3.78 inches
Is Waterproof	FALSE
Connectivity Technology	Wired
Manufacturer	Audiopipe

## Warranty Information

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This Audiopipe loudspeaker comes with a **Limited Warranty**. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included with your product or contact Audiopipe customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.

## Support

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For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Audiopipe customer support. You can typically find contact information on the manufacturer's official website or on the product packaging.

**Manufacturer:** Audiopipe

**Model:** APMB620PM

