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Bowers & Wilkins AM-1

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MODEL: AM-1

Brand: Bowers & Wilkins

1. INTRODUCTION

The Bowers & Wilkins AM-1 Architectural Monitor speakers are designed to deliver high-quality audio in both indoor and outdoor environments. These versatile speakers are engineered for durability and flexibility, making them suitable for patios, gardens, poolside areas, as well as commercial spaces like bars and restaurants. Featuring advanced driver technology and robust construction, the AM-1 ensures consistent performance even when exposed to various weather conditions.

This manual provides essential information for the proper installation, operation, and maintenance of your AM-1 speakers. Please read it thoroughly before proceeding with installation or use.

2. SAFETY INFORMATION

Important Safety Instructions:

- Read these instructions carefully.
- Keep these instructions for future reference.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Install in accordance with the manufacturer's instructions.
- Only use attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.
- Ensure proper wiring and connections to prevent electrical hazards.

3. WHAT'S IN THE BOX

Your Bowers & Wilkins AM-1 Architectural Monitor speaker package includes:

- Pair of Bowers & Wilkins AM-1 Architectural Monitor speakers
- Mounting brackets

4. SETUP AND INSTALLATION

The AM-1 speakers are designed for easy installation with a one-plug mounting system and a cast aluminum wall bracket. They can be rotated through 110 degrees from the center in both directions, allowing for flexible positioning in either landscape or portrait mode to achieve optimal sound dispersion.

4.1 Mounting the Speakers

The included cast aluminum wall bracket facilitates secure mounting. Ensure the mounting surface is capable of supporting the weight of the speakers. The one-plug mounting system simplifies the attachment process.

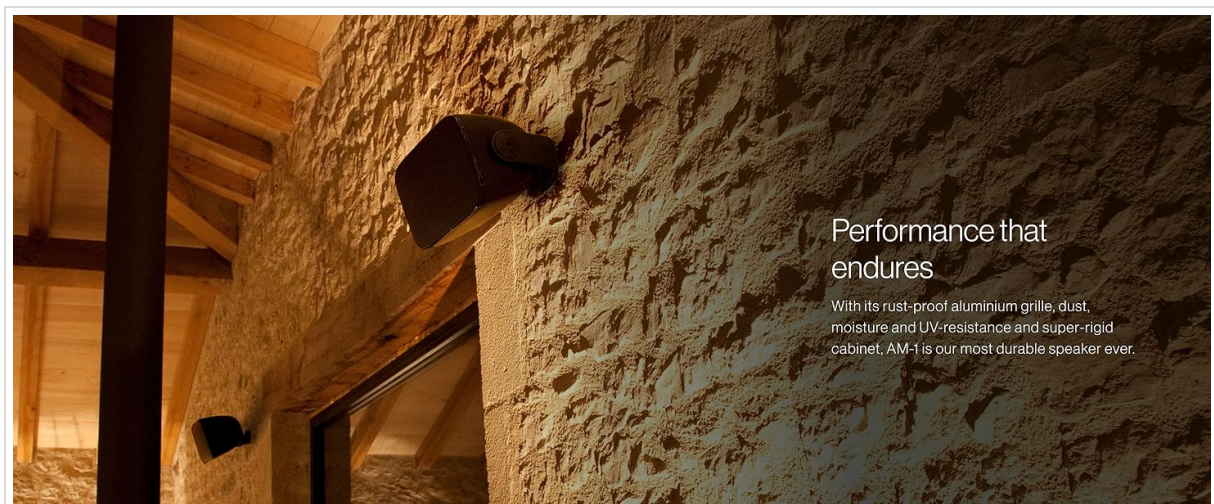


Figure 4.1: Side view of the AM-1 speaker illustrating the mounting bracket. The speaker can be rotated for optimal positioning.

For seamless integration into various environments, the speakers are designed to blend discreetly with their surroundings.



Figure 4.2: A white AM-1 speaker mounted on an outdoor stone wall, demonstrating its discreet design.

4.2 Wiring Connections

The AM-1 speakers are wired for stable connections. Connect your speaker wires to the appropriate terminals on the back of each speaker and to your amplifier/receiver. Ensure correct polarity (positive to positive, negative to negative) for optimal sound performance.

5. OPERATING THE SPEAKERS

Once properly installed and connected to an amplifier, your AM-1 speakers are ready for use. Simply power on your audio source and amplifier to begin enjoying high-fidelity sound. The speakers are designed to deliver expansive and realistic sound, suitable for various audio content.

Video 5.1: Product Overview Video. This video provides a general overview of the Bowers & Wilkins AM-1 speakers.

6. MAINTENANCE AND CARE

The AM-1 speakers are built with premium, durable materials to withstand outdoor elements. The rust-proof aluminum grille and rigid glass-filled plastic cabinet are designed to resist dust, moisture, and UV exposure.



Figure 6.1: A black AM-1 speaker on a stone wall, emphasizing its robust design for enduring performance.

To maintain the appearance and performance of your speakers:

- Regularly wipe down the cabinet and grille with a soft, damp cloth to remove dust and dirt.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the finish.
- Ensure that speaker terminals are free from corrosion, especially in humid environments.

7. TROUBLESHOOTING

If you experience issues with your AM-1 speakers, consider the following common troubleshooting steps:

- **No Sound:** Check all cable connections from the amplifier to the speakers. Ensure the amplifier is powered on and the correct input source is selected. Verify speaker wire polarity.
- **Distorted Sound:** Reduce the volume level on your amplifier. Check speaker wire connections for any loose strands or short circuits. Ensure the amplifier's power output matches the speaker's recommended power handling.
- **Uneven Sound:** Check the balance settings on your amplifier. Ensure both speakers are connected and functioning. Verify speaker placement and angling.
- **Poor Bass Response:** Ensure speaker wires are correctly connected with proper polarity. Verify that the amplifier's bass settings are adjusted appropriately.

If problems persist, consult the amplifier's user manual or contact Bowers & Wilkins customer support.

8. SPECIFICATIONS

Feature	Specification
Model Name	Bowers & Wilkins AM-1 Outdoor Speakers
Speaker Type	Outdoor, Architectural Monitor
Mounting Type	Wall Mount
Material	Aluminum (grille), Glass-filled plastic (cabinet)
Tweeter	1" Aluminum-Dome, Nautilus tube-loaded
Midrange/Bass Driver	5" Glassfibre Cone
Auxiliary Bass Radiator (ABR)	Rear-mounted
Impedance	8 Ohms
Speaker Maximum Output Power	100 Watts
Frequency Response	22 KHz (upper limit)
Connectivity Technology	Wired
Product Dimensions (DxWxH)	7.09"D x 8.27"W x 12.2"H
Item Weight	10.3 Pounds (per speaker)
Water Resistance Level	Water Resistant (True)
Color	Black (as per current product)

9. WARRANTY AND SUPPORT

The Bowers & Wilkins AM-1 speakers come with a Limited Warranty. For specific details regarding the warranty period and coverage, please refer to the documentation included with your product or visit the official Bowers & Wilkins website.

For technical support, troubleshooting assistance, or warranty claims, please contact Bowers & Wilkins customer service through their official website or the contact information provided in your product packaging.