

OSD Audio AP840

OSD Audio AP840 8-inch Outdoor Patio Speaker Pair Instruction Manual

Model: AP840

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your OSD Audio AP840 8-inch Outdoor Patio Speaker Pair. Please read this manual thoroughly before use to ensure optimal performance and longevity of your speakers.



Image 1: OSD AP Series All Weather Patio Speakers.

The OSD Audio AP840 speakers are designed for both indoor and outdoor environments, featuring a weather-resistant IP54 rating and robust construction to withstand various climate conditions.

2. PACKAGE CONTENTS

- 2 x OSD Audio AP840 8-inch Outdoor Patio Speakers
- 2 x Mounting Brackets
- Installation Hardware



Image 2: Front view of the OSD Audio AP840 speaker pair.

3. FEATURES

- **All-weather design:** Withstands harsh climates with an IP54 rating.
- **Flexible Mounting:** Brackets allow vertical or horizontal mounting.
- **Optimal Connectivity:** Gold-plated spring compression binding posts.
- **Durable Construction:** Sturdy ABS polymer frame and powder-coated rust-resistant aluminum grille.
- **High Performance:** Designed for full-range sound with up to 180 Watts maximum output power.



Image 3: Illustrations of weather resistance and mounting flexibility.

4. SETUP AND INSTALLATION

4.1 Mounting Location

Choose a suitable location for your speakers, considering sound dispersion and environmental factors. The speakers are designed for outdoor patios, decks, and porches, but can also be used indoors.

4.2 Mounting the Speakers

1. Attach the mounting brackets to a sturdy surface using appropriate hardware (not always included, verify package contents).
2. Secure the speakers to the brackets. The brackets allow for both vertical and horizontal orientation.
3. Adjust the speaker angle for optimal sound projection.



Image 4: Side view of the AP840 speaker showing the mounting bracket.

4.3 Wiring and Connections

Connect the speakers to your amplifier using speaker wire. Ensure correct polarity (+ to + and - to -) for optimal sound quality. The speakers feature gold-plated spring compression binding posts for secure connections.



Image 5: Gold-plated binding posts for speaker wire connection.

Your browser does not support the video tag.

Video 1: Overview of OSD AP Series All Weather Patio Speakers, including installation examples.

5. OPERATION

Once properly installed and connected to an amplifier, your OSD Audio AP840 speakers are ready for use. These are passive speakers and require an external amplifier for power.

- Ensure your amplifier is powered on and connected to your audio source (e.g., desktop, television, projector).
- Adjust the volume and audio settings on your amplifier or audio source.

- The speakers provide stereo audio output.





Image 6: Details of the tweeter and woofer components.

6. MAINTENANCE

The OSD Audio AP840 speakers are designed for durability and minimal maintenance. Follow these guidelines to ensure their longevity:

- **Cleaning:** Wipe the speaker enclosures and grilles with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Weather Protection:** While IP54 rated for weather resistance (protected from limited dust ingress and water spray), prolonged exposure to extreme conditions (e.g., direct heavy rain, snow, or intense sunlight) may reduce lifespan. Consider covering them or bringing them indoors during severe weather if possible.
- **Grille Care:** The aluminum grilles are powder-coated and rust-resistant. Inspect periodically for any debris or damage.

7. TROUBLESHOOTING

If you encounter issues with your OSD Audio AP840 speakers, consider the following common

troubleshooting steps:

- **No Sound:**
 - Check all speaker wire connections at both the speaker and amplifier ends for secure contact and correct polarity.
 - Ensure the amplifier is powered on and functioning correctly.
 - Verify the audio source is playing and its volume is turned up.
- **Distorted Sound:**
 - Reduce the volume on your amplifier or audio source. Overdriving the speakers can cause distortion.
 - Check speaker wire for any damage or frayed strands that might be causing a short circuit.
 - Ensure the amplifier's power output matches the speaker's recommended power handling.
- **Uneven Sound:**
 - Check individual speaker connections.
 - Verify speaker placement and ensure they are angled correctly towards the listening area.

If problems persist, consult the amplifier's manual or contact OSD Audio customer support.

8. SPECIFICATIONS

Model Name	AP840
Speaker Type	Outdoor (Weather-resistant IP54 Rated)
Number of Items	2 (Pair)
Speaker Size	8 Inches (Woofer Diameter)
Tweeter Diameter	1 Inches
Audio Driver Type	Dynamic Driver
Impedance	8 Ohm
Speaker Maximum Output Power	180 Watts
Frequency Response	35 Hz (Lower limit, full range implied)
Signal-to-Noise Ratio	88 dB
Connectivity Technology	Speaker wire (Wired)
Wireless Communication Technology	No Wireless Communication Technology
Power Source	Corded Electric (via amplifier)
Control Method	Touch (via connected device/amplifier)
Material	Aluminum (Grilles), ABS Polymer (Frame)
Color	Black

Product Dimensions (D x W x H)	9.3"D x 11"W x 14.8"H
Item Weight	27.8 Pounds (for the pair)
UPC	810281015828



Image 7: Dimensions and various views of the AP840 speaker.

9. WARRANTY INFORMATION

This product comes with a **Limited Warranty**. For specific terms and conditions, please refer to the warranty card included with your product or visit the manufacturer's website. Keep your proof of purchase for warranty claims.

10. CUSTOMER SUPPORT

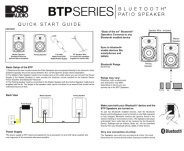
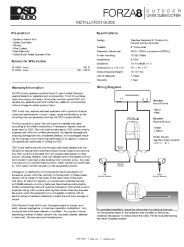


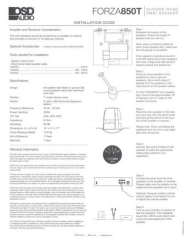
For further assistance, technical support, or inquiries regarding your OSD Audio AP840 speakers, please visit

the official OSD Audio store or contact their customer service department.

[Visit the OSD Audio Store](#)

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Related Documents - AP840

	<p>OSD Audio BTP525 Bluetooth Patio Speakers Quick Start Guide</p> <p>Quick start guide for OSD Audio BTP525 Wireless Bluetooth Patio Speakers, detailing setup, specifications, and features for outdoor audio systems. Learn how to connect and pair your devices for immersive sound.</p>
	<p>OSD Forza 8 Outdoor Omni Subwoofer: Installation Guide & Specifications</p> <p>Learn how to install and get the most out of your OSD Forza 8 Outdoor Omni Subwoofer. This guide covers preparation, specifications, wiring, warranty, and installation tips for this weather-resistant 8-inch in-ground subwoofer.</p>
	<p>OSD Black P83 Patio Speaker Installation Guide</p> <p>Detailed installation instructions for the OSD Black P83 8-inch 2-Way Patio Speaker, covering preparation, mounting, wiring, specifications, and warranty information.</p>
	<p>OSD Nero ARC Pendant Speakers Install Guide</p> <p>Installation guide for OSD Nero ARC 4/6/8/SUB 70V/100V/8 Ohm pendant speakers, covering preparation, hanging, setup, operation, specifications, troubleshooting, and warranty information.</p>
	<p>OSD Audio FORZA850T Outdoor Omni Speaker Installation Guide</p> <p>Detailed installation guide for the OSD Audio FORZA850T outdoor 70V/8 Ohm omni speaker, covering setup, specifications, and warranty information.</p>



FORZA10
OUTDOOR SUBWOOFER INSTALLATION GUIDE



[OSD Audio FORZA10 Outdoor Subwoofer Installation Guide](#)

Comprehensive installation guide for the OSD Audio FORZA10 outdoor subwoofer, covering safety instructions, packing list, installation steps for deck and garden placement, technical specifications, and warranty information.