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Definitive Technology DEFAW450WHTHEOSAMPHS2

Definitive Technology AW-450 Outdoor Speakers and Denon HEOS Wireless Streaming Amplifier User Manual

Model: DEFAW450WHTHEOSAMPHS2

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Definitive Technology AW-450 All-Weather Outdoor Speakers and Denon HEOS Wireless Streaming Amplifier. Please read this manual thoroughly before use to ensure proper setup and optimal performance.

Included Components:

- 2 Definitive Technology AW-450 Outdoor Speakers
- 1 Denon HEOS Wireless Streaming Amplifier
- Installation Manual (this document)
- Wall Mount Template

SAFETY INFORMATION

Always follow basic safety precautions when using electrical products to reduce the risk of fire, electric shock, and injury to persons. Keep this manual for future reference.

- Do not expose the amplifier to dripping or splashing liquids.
- Ensure proper ventilation for the amplifier.
- Use only specified power sources.
- Do not attempt to service the unit yourself. Refer all servicing to qualified service personnel.
- The AW-450 speakers are designed for outdoor use and are IP66 rated for weather protection. However, avoid submerging them in water.

SETUP AND INSTALLATION

1. Unpacking

Carefully remove all components from the packaging. Retain packaging materials for future transport or storage.

2. Speaker Placement

For optimal sound dispersion, position the AW-450 speakers in a location that allows for clear sound projection across your listening area. Consider mounting them at ear level when seated, if possible.

Adjustable surface-mount brackets

The AW-450's included surface-mount bracket allows you to adjust the speaker up to 60 degrees to place it in the most optimal position for outdoor listening.



Image: A white Definitive Technology AW-450 outdoor speaker mounted on a wooden surface, showcasing its adjustable surface-mount bracket. The bracket allows for angling the speaker to direct sound.

The AW-450 speakers feature adjustable surface-mount brackets. These brackets allow you to adjust the speaker's angle up to 60 degrees to achieve the most optimal sound direction for your outdoor listening environment.

Impactful sound for small outdoor spaces

Despite its compact footprint, the AW-450 delivers clear, dynamic sound, courtesy of its mineral-filled woofer, premium tweeter, and passive bass radiator.



Image: Two white Definitive Technology AW-450 outdoor speakers mounted on the exterior wall of a modern house, overlooking an outdoor patio area. This demonstrates typical installation for outdoor sound.

3. Speaker Mounting

Use the provided wall mount template to mark drilling locations. Ensure the mounting surface is sturdy enough to support the weight of the speakers. Secure the brackets firmly before attaching the speakers.

4. Wiring the Speakers to the HEOS Amplifier

Connect the speaker wires from the AW-450 speakers to the appropriate speaker terminals on the Denon HEOS Wireless Streaming Amplifier. Ensure correct polarity (positive to positive, negative to negative) for each speaker.



Image: A pair of white Definitive Technology AW-450 outdoor speakers shown alongside a black Denon HEOS Wireless Streaming Amplifier. This illustrates the complete system components.

5. HEOS Amplifier Setup

Connect the HEOS amplifier to a power outlet. Download the HEOS app on your Android or iOS device. Follow the in-app instructions to connect the amplifier to your home Wi-Fi network and configure your audio zone.

The HEOS amplifier supports both Wi-Fi and Bluetooth connectivity for versatile music streaming.

OPERATING INSTRUCTIONS

1. Powering On/Off

The HEOS amplifier will power on automatically when connected to power. Use the HEOS app to put the amplifier into standby mode or to power it off completely.

2. Music Streaming via HEOS App

Open the HEOS app on your smartphone or tablet. Select your HEOS amplifier from the device list. You can then choose music from various streaming services, local music libraries, or other connected sources.

3. Bluetooth Connectivity

To stream audio via Bluetooth, select the Bluetooth input in the HEOS app. On your device, search for available Bluetooth devices and select your HEOS amplifier to pair.

4. Adjusting Volume and Playback

All volume and playback controls (play, pause, skip) are managed through the HEOS app.

MAINTENANCE

1. Cleaning

For the AW-450 speakers, wipe the enclosures with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners. For the HEOS amplifier, use a dry, soft cloth to clean the surfaces.

2. Weather Protection

The AW-450 speakers are IP66 rated, meaning they are protected against dust ingress and powerful water jets. While designed for all-weather use, regular inspection for any physical damage or debris accumulation is recommended, especially after severe weather conditions.



Image: A triptych showing scenes of heavy rain, falling snow, and dust particles in the air. This visually represents the all-weather protection capabilities of the speakers against various environmental elements.

TROUBLESHOOTING

No Sound from Speakers

- Ensure the HEOS amplifier is powered on and connected to the network.
- Check speaker wire connections at both the amplifier and the speakers for secure contact and correct polarity.
- Verify the volume level in the HEOS app is not muted or set too low.
- Confirm the correct input source is selected in the HEOS app.

HEOS Amplifier Not Connecting to Wi-Fi

- Ensure your Wi-Fi router is powered on and functioning correctly.
- Move the amplifier closer to the Wi-Fi router to improve signal strength.
- Restart your Wi-Fi router and the HEOS amplifier.
- Follow the Wi-Fi setup instructions in the HEOS app carefully.

Bluetooth Pairing Issues

- Ensure the HEOS amplifier is in Bluetooth pairing mode (selected via the HEOS app).
- Make sure your device's Bluetooth is enabled and it is within range of the amplifier.
- Try unpairing and re-pairing the device.

SPECIFICATIONS

Feature	Specification
Product Model	DEFAW450WHTHEOSAMPHS2
Speaker Type	All-Weather Outdoor Speakers
Woofer	4.5" Mineral-filled
Tweeter	1" Dome
Passive Bass Radiator	4.5" x 6" Advanced
Speaker Maximum Output Power	100 Watts
IP Rating (Speakers)	IP66
Amplifier Connectivity	Wi-Fi, Bluetooth
Product Dimensions (Speakers)	7.95"D x 6.61"W x 11.42"H
Item Weight (Total)	11.67 Pounds
UPC	747192147310

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Definitive Technology website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Online Resources:

- [Definitive Technology Official Website](#)
- [Denon HEOS Official Website](#)