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Denon DENONHOMEAMP

Denon Home Amplifier (DENONHOMEAMP) User Manual

Model: DENONHOMEAMP

Introduction

This manual provides essential instructions for the setup, operation, and maintenance of your Denon Home Amplifier. Please read this manual thoroughly before using the product to ensure correct and safe operation. The Denon Home Amplifier is a compact stereo amplifier designed for high-quality audio playback and multi-room streaming. It features 100W per channel Class D amplification, HEOS Built-in technology, Dolby Digital Plus decoding, and versatile connectivity options including Wi-Fi, AirPlay 2, Bluetooth, and HDMI eARC.

What's in the Box

- Denon Home Amplifier Unit
- Quick Start Guide
- Safety Documentation
- Power Cord

Setup

Follow these steps to set up your Denon Home Amplifier:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.
2. **Placement:** Place the amplifier on a stable, flat surface with adequate ventilation. Ensure no objects block the top grille or side vents. The compact design allows for flexible placement, including fitting two units on a standard 19-inch rack.
3. **Speaker Connection:** Connect your passive speakers to the amplifier's speaker terminals. Ensure correct polarity (+ to + and - to -) for optimal sound.

Image: Rear panel showing speaker connections. Connect speaker cables to the corresponding left and right terminals.

4. **Subwoofer Connection (Optional):** For enhanced bass, connect an active subwoofer to the SUB OUT port.
5. **Source Connections:**
    - **HDMI eARC (TV):** Connect your TV's HDMI eARC/ARC port to the amplifier's HDMI (eARC/ARC) TV input for high-quality audio integration.

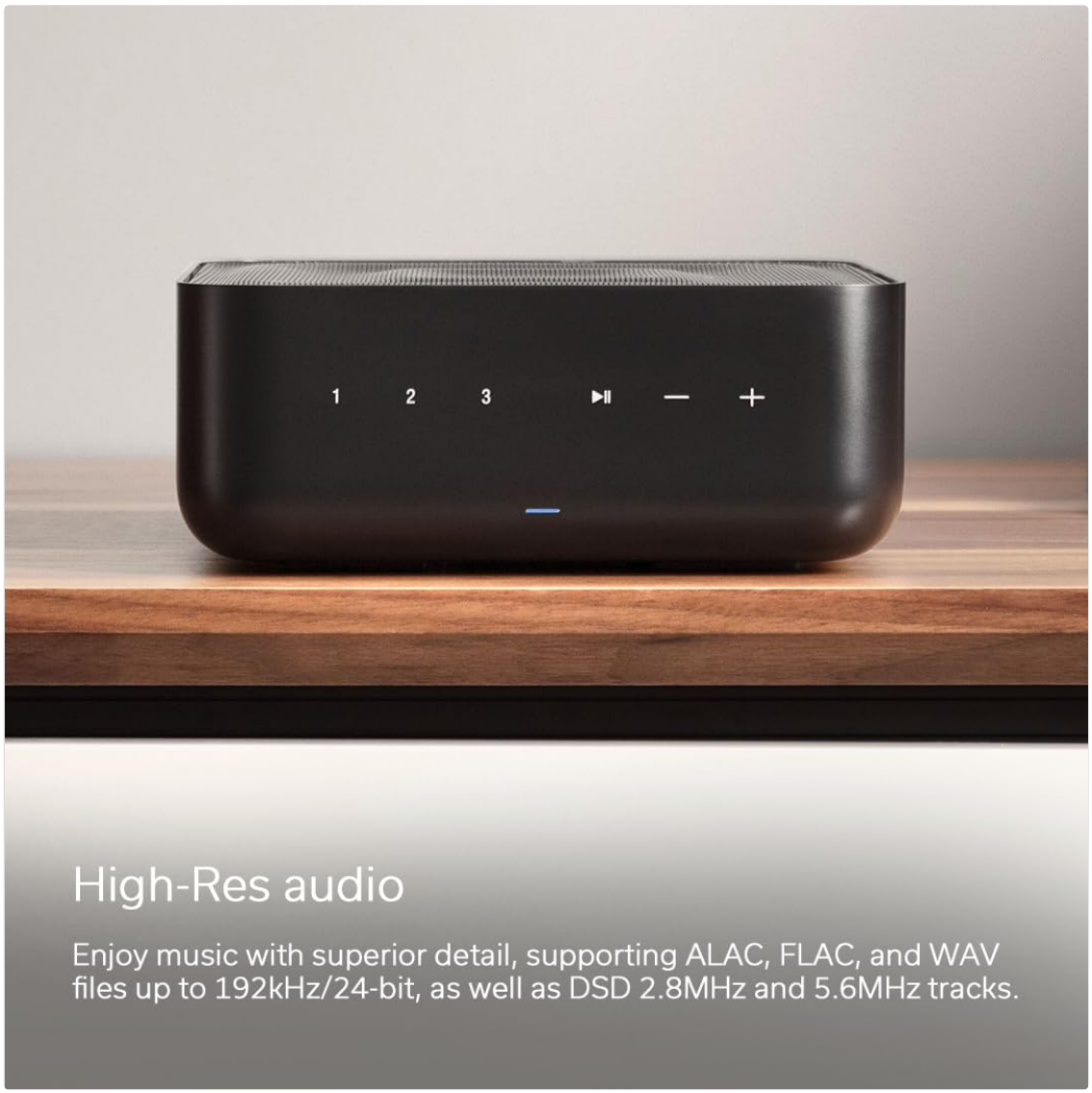


Image: A hand connecting an HDMI cable to the HDMI eARC input on the rear of the amplifier. This connection allows for audio return from your television.

- **Optical/Coaxial:** Connect other digital audio sources using the optical or coaxial inputs.
- **Analog (AUX):** Connect analog audio devices using the AUX input.
- **USB:** For local music playback, connect a USB storage device to the USB port.

6. **Network Connection:**
   - **Wi-Fi:** Download the HEOS app on your smartphone or tablet and follow the in-app instructions to connect the amplifier to your Wi-Fi network.
   - **Ethernet:** Alternatively, connect an Ethernet cable from your router to the NETWORK port for a wired connection.
7. **Power Connection:** Connect the supplied power cord to the amplifier and then to a wall outlet.
8. **Initial Setup via HEOS App:** Once powered on, open the HEOS app to complete the network setup and initial configuration. The app will guide you through connecting to your Wi-Fi and updating firmware.

Operating Instructions

Front Panel Controls

Image: Front view of the Denon Home Amplifier, showing the preset buttons (1, 2, 3), Play/Pause, and Volume Up/Down controls. A blue status light is visible at the bottom.

- **Preset Buttons (1, 2, 3):** Quickly access your favorite radio stations or playlists configured in the HEOS app.
- **Play/Pause Button:** Controls playback of current audio.
- **Volume Buttons (+/-):** Adjust the output volume.
- **Status Light:** Indicates the amplifier's current status (e.g., connected, updating).

HEOS App Control

The HEOS app is the primary interface for controlling your Denon Home Amplifier. It allows you to:

- Browse and stream music from various online services (Spotify, Tidal, Amazon Music HD, etc.).
- Access local music libraries via USB or network.
- Manage multi-room audio with other HEOS Built-in devices.
- Adjust audio settings, including high and low pass filters for speaker optimization.
- Configure input sources and settings.

Image: Two Denon Home Amplifiers placed in a cabinet, illustrating their compact size and integration into a multi-room audio setup with HEOS Built-in technology.

Wireless Streaming

- **Wi-Fi:** Stream high-resolution audio wirelessly through your home network.
- **AirPlay 2:** Stream audio directly from Apple devices.

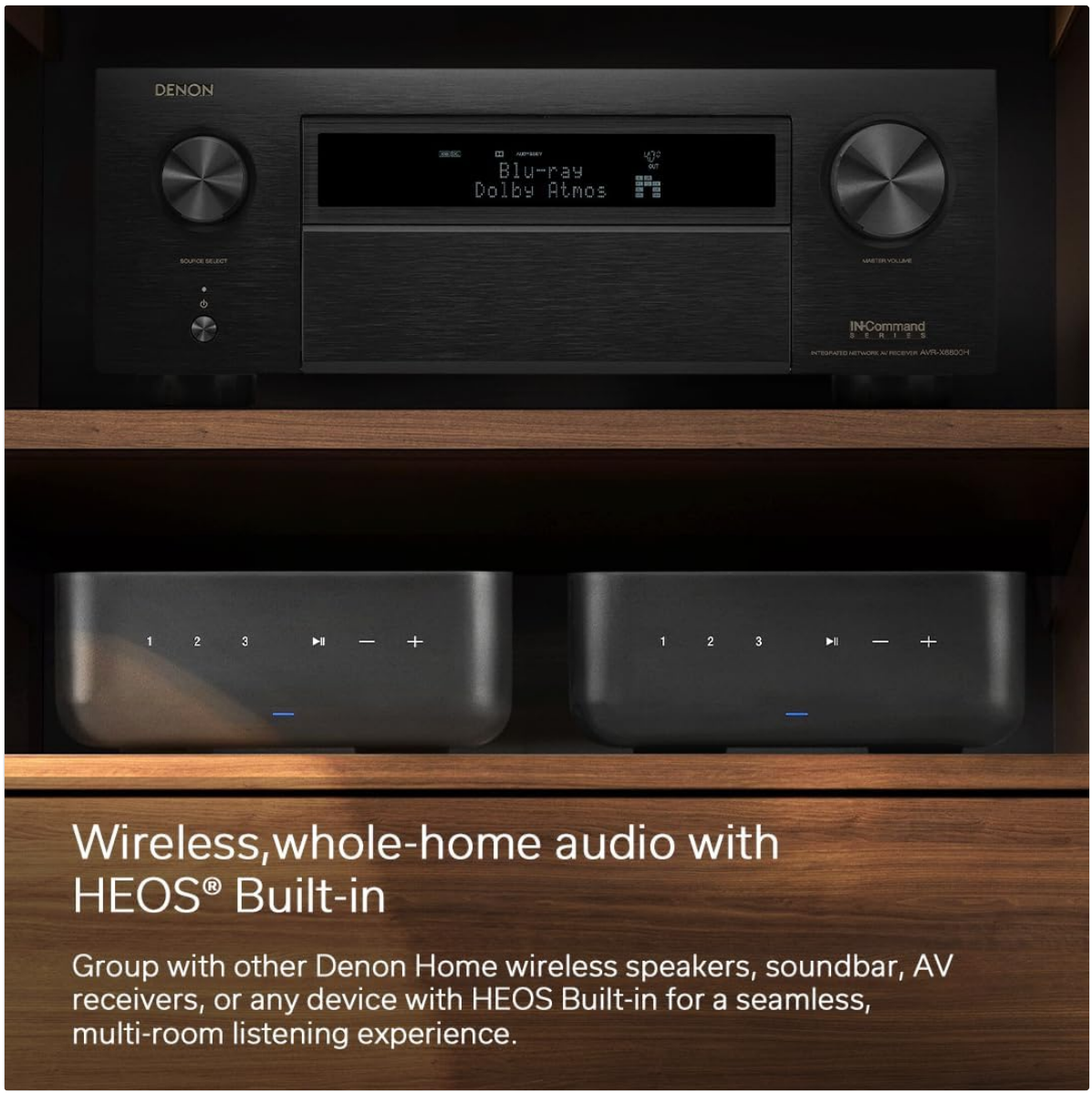


Image: Denon Home Amplifier on a wooden surface with a smartphone nearby, symbolizing its Bluetooth and AirPlay 2 streaming capabilities.

- **Bluetooth:** Connect and play music from any Bluetooth-enabled device.

IR Learning

The amplifier supports IR learning, allowing you to program your TV remote to control basic functions like volume and power, providing a unified control experience.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the amplifier. Do not use liquid cleaners or solvents.
- **Ventilation:** Ensure the ventilation openings are not blocked to prevent overheating.
- **Firmware Updates:** Regularly check for and install firmware updates via the HEOS app to ensure optimal performance and access to new features.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place.

Troubleshooting

If you encounter issues with your Denon Home Amplifier, refer to the following common solutions:

Problem	Possible Cause	Solution
No power	Power cord not connected; power outlet issue.	Ensure power cord is securely connected. Test the outlet with another device.
No sound output	Incorrect input selected; speaker connections loose; volume too low.	Verify the correct input source is selected in the HEOS app. Check all speaker cable connections. Increase volume.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password; router issues; amplifier too far from router.	Re-enter Wi-Fi password in the HEOS app. Restart your router. Move the amplifier closer to the router or use a wired Ethernet connection.
HEOS app not detecting device	Amplifier not powered on; network issues; app needs restart.	Ensure the amplifier is powered on. Verify both your mobile device and amplifier are on the same network. Restart the HEOS app.
Audio dropouts during streaming	Weak Wi-Fi signal; network congestion.	Improve Wi-Fi signal strength or use a wired Ethernet connection. Reduce network traffic.
Unit randomly shuts off or changes input	Potential firmware issue; HDMI ARC communication problem.	Ensure firmware is up to date via the HEOS app. Try disconnecting and reconnecting HDMI eARC cable. If the issue persists, contact Denon support.
Factory Reset	To resolve persistent issues or clear settings.	To perform a factory reset, press and hold the Bluetooth button while disconnecting and reconnecting power. Wait for the status light to turn amber. (Note: This will erase all settings.)

Specifications

- **Model Number:** DENONHOMEAMP
- **Amplification:** Class D, 100W per channel
- **Audio Decoding:** Dolby Digital Plus
- **Wireless Connectivity:** Wi-Fi, AirPlay 2, Bluetooth, HEOS Built-in
- **High-Resolution Audio Support:** ALAC, FLAC, WAV up to 192kHz/24-bit; DSD 2.8MHz/5.6MHz
- **Inputs:** HDMI eARC, Optical, Coaxial, Analog (AUX), USB
- **Outputs:** Subwoofer Pre-out
- **Dimensions (W x D x H):** 9.5 x 8.5 x 3.4 inches (24.1 x 21.6 x 8.6 cm)
- **Weight:** 4.63 pounds (2.1 kg)
- **Manufacturer:** Denon

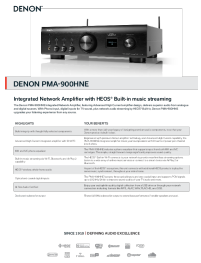
Warranty Information

Denon products are designed and manufactured to the highest quality standards. For detailed warranty information, please refer to the warranty card included with your product or visit the official Denon website. Keep your proof of purchase for warranty claims.

Customer Support

For further assistance, technical support, or service inquiries, please visit the official Denon support website or contact their customer service department. Contact information can typically be found on the Denon website or in the included safety documentation.

Related Documents - DENONHOMEAMP

	Denon PMA-900HNE Integrated Network Amplifier with HEOS Built-in Explore the Denon PMA-900HNE Integrated Network Amplifier, featuring Advanced High Current amplifier design, HEOS Built-in streaming, Wi-Fi, Bluetooth, AirPlay 2, and Hi-Res Audio support for an exceptional listening experience.
	Denon AVC-A10H: 13.4-Channel 8K AV Amplifier with HEOS Built-in Explore the Denon AVC-A10H, a premium 13.4-channel 8K AV amplifier featuring 150W per channel, HEOS wireless multi-room audio, Dolby Atmos, DTS:X Pro, IMAX Enhanced, and advanced room correction technologies for an unparalleled home theater experience.
	Denon AVC-S670H Integrated Network AV Amplifier Quick Start Guide A quick start guide for the Denon AVC-S670H Integrated Network AV Amplifier, covering initial setup, connections, and basic operation.
	Denon PMA-900HNE Integrated Network Amplifier Quick Start Guide Quick start guide for the Denon PMA-900HNE Integrated Network Amplifier, covering setup, connections, HEOS app integration, and Bluetooth audio.
	Denon AVR-X1800H 7.2 Channel 8K AV Receiver with HEOS Built-in Explore the Denon AVR-X1800H, a 7.2 channel 8K AV receiver delivering immersive 8K video and Dolby Atmos/DTS:X 3D audio. Features HEOS built-in for wireless streaming, advanced HDMI connectivity, and Audyssey room correction.

	Denon DRA-900H Network Stereo Receiver Instruction Manual Comprehensive instruction manual for the Denon DRA-900H Network Stereo Receiver, covering setup, features, playback, settings, and troubleshooting.