Denon DRA900H

Denon DRA-900H Stereo Network Receiver User Manual

Model: DRA-900H

1. INTRODUCTION

The Denon DRA-900H is a 2-channel stereo network receiver designed to deliver high-fidelity audio and advanced video capabilities. It features 100W per channel amplification, built-in HEOS for multi-room audio streaming, and supports 8K video processing with HDCP 2.3, ARC/eARC, Dolby Vision, HLG, and Dynamic HDR. This manual provides essential information for setting up, operating, and maintaining your DRA-900H receiver.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Denon DRA-900H Main Unit
- Power Cord
- Remote Control and 2 x AAA Batteries
- AM/FM Antennas
- Audyssey Microphone and Stand
- Literature (User Manual, Quick Start Guide)
- Wire Labels

3. SAFETY INFORMATION

Before operating the unit, please read all safety instructions carefully. Keep this manual for future reference. Do not expose the unit to rain or moisture to reduce the risk of fire or electric shock. Ensure proper ventilation and avoid blocking ventilation openings. Refer all servicing to qualified service personnel.

4. CONNECTIONS AND SETUP

This section guides you through connecting your DRA-900H to speakers, audio/video sources, and your network.

4.1 Rear Panel Overview

Image 4.1: Detailed view of the DRA-900H rear panel, highlighting connection points for speakers, HDMI, network, and analog audio.

4.2 Speaker Connections

The DRA-900H supports a 2-channel stereo setup. Connect your left and right speakers to the corresponding SPEAKER terminals (A or B) on the rear panel. Ensure correct polarity (positive to positive, negative to

negative).

4.3 HDMI Connections

Connect your video sources (e.g., Blu-ray player, game console, streaming device) to the HDMI IN ports. Connect your TV to the HDMI OUT (ARC/eARC) port. The DRA-900H features 3 dedicated 8K inputs and 1 output supporting 8K/60Hz and 4K/120Hz pass-through.

Image 4.2: A hand connecting an HDMI cable to one of the HDMI input ports on the receiver's rear panel.

4.4 Audio Source Connections

- **Analog Audio:** Use RCA cables to connect devices like CD players or tape decks to the AUDIO IN ports.
- **Phono Input:** Connect a turntable to the PHONO (MM) input. Ensure your turntable has a Moving Magnet (MM) cartridge.
- **Digital Audio:** Use optical or coaxial cables for digital audio sources.
- **USB:** Connect a USB storage device to the front panel USB port for audio playback.

Image 4.3: The DRA-900H receiver positioned next to a turntable, illustrating a common setup for vinyl playback.

4.5 Network Connection

Connect the receiver to your home network via an Ethernet cable to the NETWORK port or wirelessly using the built-in Wi-Fi. Ensure the antennas are properly connected for optimal wireless performance.

4.6 Power Connection

After all other connections are made, connect the power cord to the AC IN terminal on the rear panel and then to a wall outlet.

4.7 Initial Setup Assistant

Upon first power-on, an on-screen Setup Assistant will guide you through the initial configuration steps, including speaker calibration with the Audyssey microphone, network settings, and input assignments. Follow the instructions displayed on your TV screen.

5. BASIC OPERATION

5.1 Power On/Off

Press the POWER button on the front panel or the remote control to turn the unit on or off.

5.2 Input Selection

Use the SOURCE SELECT knob on the front panel or the input selector buttons on the remote control (e.g., CD, HDMI, PHONO) to choose your desired audio/video source.

5.3 Volume Control

Adjust the volume using the VOLUME knob on the front panel or the VOLUME +/- buttons on the remote control.

5.4 Tone Control

The DRA-900H includes BASS and TREBLE controls on the front panel to adjust the low and high frequency response of your audio.

6. ADVANCED FEATURES

6.1 HEOS Built-in

HEOS technology allows you to stream music wirelessly from various online services, local network storage, or USB drives to the DRA-900H and other HEOS-enabled devices in your home. Control HEOS functions using the dedicated HEOS app on your smartphone or tablet.

Image 6.1: A smartphone screen showing the HEOS app, which allows control over music streaming and multi-room audio.

6.2 Voice Control

The DRA-900H is compatible with major voice assistants. You can use voice commands to change audio tracks, control volume, switch inputs, and manage music playback. Refer to the specific voice assistant's documentation for setup and command details.

6.3 High-Resolution Audio Playback

The receiver supports high-resolution audio formats, which can be played from network sources or a USB memory device connected to the front panel USB port.

6.4 Wireless Connectivity

In addition to HEOS, the DRA-900H supports Bluetooth and AirPlay 2 for direct wireless streaming from compatible devices.

Image 6.2: The front panel of the DRA-900H, indicating its wireless connectivity features like Bluetooth and Wi-Fi.

7. TROUBLESHOOTING

If you encounter issues with your DRA-900H, refer to the following common problems and solutions:

- **No Power:** Ensure the power cord is securely connected to both the receiver and the wall outlet. Check the power switch on the unit.
- **No Sound:** Verify speaker connections and polarity. Check the input source selection. Ensure the volume is not muted or set too low. Confirm that the correct audio output is selected on your TV or source device.
- **No Video:** Check HDMI cable connections between the source, receiver, and TV. Ensure the correct HDMI input is selected on the receiver and the correct input on your TV.
- **Network Connection Issues:** Verify your Ethernet cable connection or Wi-Fi settings. Restart your router and the receiver.
- **Remote Control Not Working:** Check the batteries in the remote control. Ensure there are no obstructions between the remote and the receiver's IR sensor.

For more detailed troubleshooting, consult the full online manual or Denon support resources.

8. SPECIFICATIONS

Key technical specifications for the Denon DRA-900H:

Feature	Specification
Product Dimensions	13.3 x 17.1 x 5.9 inches
Item Weight	22.5 pounds
Item Model Number	DRA900H
Brand	Denon
Connectivity Technology	Bluetooth, Wi-Fi, Ethernet
Controller Type	Android, iOS (HEOS App), Remote Control
Special Features	ARC/eARC, HEOS Built-in, Voice Control Compatibility

Compatible Devices	Speakers, Turntables, CD Players, Game Consoles, Streaming Devices
Total HDMI Ports	7 (6 In / 1 Out)
Audio Encoding	Stereo
Audio Output Mode	Stereo
Surround Sound Channel Configuration	2 Channel

9. MAINTENANCE

To ensure the longevity and optimal performance of your DRA-900H, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the exterior surfaces with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or chemical sprays.
- **Ventilation:** Ensure that the ventilation openings on the top and sides of the unit are not blocked. Adequate airflow prevents overheating.
- **Dust Removal:** Periodically use a soft brush or a vacuum cleaner with a brush attachment to remove dust from the vents.
- **Power Cord:** Regularly check the power cord for any signs of damage.

10. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included in your package or visit the official Denon website. For technical support, product registration, or service inquiries, please visit the Denon support page or contact their customer service directly.

Denon Official Website: www.denon.com

Related Documents - DRA900H

	Denon DRA-900H Network Stereo Receiver Operation Manual Comprehensive operation manual for the Denon DRA-900H Network Stereo Receiver, covering setup, features, connectivity, playback options, settings, and troubleshooting.
	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.
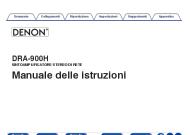
Denon DRA-900H Network Stereo Receiver Owner's Manual

This owner's manual provides comprehensive guidance for the Denon DRA-900H Network Stereo Receiver. Discover how to set up, connect, and operate this advanced audio-visual device, featuring support for 8K video, HEOS wireless multi-room audio, AirPlay, and Bluetooth connectivity. Learn about its various features, connectivity options, and troubleshooting tips to maximize your home entertainment experience.

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 Owner's Manual

Comprehensive owner's manual for the Denon DRA-900H Network Stereo Receiver, detailing setup, features, operation, connectivity, and troubleshooting for optimal audio performance.

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.