

Manuals.plus /

- › Denon /
- › Denon AVR-1912 AV Surround Receiver User Manual

Denon AVR1912

Denon AVR-1912 AV Surround Receiver User Manual

Comprehensive guide for setting up, operating, and maintaining your Denon AVR-1912 7.1 Channel A/V Receiver.

INTRODUCTION

The Denon AVR-1912 is a 7.1 channel HD-Audio receiver designed to provide an immersive home theater experience. It supports 3D video pass-through, advanced network functions, and AirPlay for seamless music streaming. This receiver integrates various audio and video technologies to deliver high-fidelity sound and vibrant visuals, making it a central component for your entertainment system.

This manual provides detailed instructions to help you maximize the performance and functionality of your AVR-1912 receiver.

PRODUCT OVERVIEW



Front view of the Denon AVR-1912 receiver, showcasing its sleek design, front panel controls, and the included remote control.



Rear view of the Denon AVR-1912 receiver, highlighting the various input and output ports for audio, video, and network connections.

Key Features

- 7.1 channel Network Streaming A/V Receiver
- HDMI 1.4a with 6 inputs and 1 output, 3D Ready
- AirPlay Ready for wireless music streaming
- Discrete Power Amps rated at 90 watts per channel
- Audyssey MultEQ for automatic speaker calibration
- Supports Dolby TrueHD and DTS-HD Master Audio
- Ethernet and USB inputs for enhanced connectivity

SETUP GUIDE

Initial Connection

1. **Speaker Connection:** Connect your speakers to the appropriate terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for each speaker. The AVR-1912 supports 7.1 channel configurations.
2. **HDMI Connections:** Connect your Blu-ray player, game console, and other HDMI-enabled devices to the HDMI input ports (HDMI 1-6). Connect your TV to the HDMI OUT port.
3. **Network Connection:** For network features and AirPlay, connect an Ethernet cable from the receiver's LAN port to your home router.
4. **Power Connection:** Plug the power cord into the receiver and then into a wall outlet.

Audyssey MultEQ Calibration

The Audyssey MultEQ system optimizes your speaker setup for your listening environment. This process is crucial for achieving the best sound quality.

1. Connect the included calibration microphone to the front panel's setup microphone jack.
2. Follow the on-screen instructions (GUI overlay) displayed on your TV. The system will prompt you to place the microphone in various listening positions.
3. The receiver will emit test tones to measure speaker levels, distances, and crossover frequencies, then automatically adjust settings for optimal performance.

OPERATING INSTRUCTIONS

Basic Operation

- **Power On/Off:** Use the power button on the front panel or the remote control.
- **Source Selection:** Use the input selector buttons on the front panel or the remote to switch between connected devices (e.g., Blu-ray, Game, TV).
- **Volume Control:** Adjust the master volume knob on the front panel or the volume buttons on the remote.
- **On-Screen Display (OSD):** Access system settings and information via the OSD, which is displayed on your connected TV.

Network and Streaming Functions

- **Internet Radio:** Access a wide variety of internet radio stations when connected to a network.
- **AirPlay:** Stream music wirelessly from your Apple devices (iPhone, iPad, iPod touch) or iTunes library. Ensure your device and the receiver are on the same network.
- **USB Playback:** Connect an iPhone/iPod/iPad directly to the front USB port for digital audio playback.
- **Network Audio/Photo Streaming:** Play audio files (including FLAC HD) and display images from network-connected devices or services like Pandora, Flickr, Napster, and Rhapsody.

Using the Denon Remote App

Download the Denon Remote App from the App Store on your iPad, iPhone, or iPod touch. This app allows you to control basic operations of the AVR-1912, such as power on/off, volume adjustment, and source switching, directly from your mobile device.

ADVANCED TECHNOLOGIES

Audio Technologies

- **Equal Power Amp Design:** Each of the seven 90-watt channels is powered by its own discrete circuit for faithful sound reproduction.
- **High-Definition Audio Support:** Compatible with Blu-ray high-definition audio formats including Dolby TrueHD and DTS-HD Master Audio for exceptional fidelity.
- **Dolby Pro Logic IIz:** Adds two additional height channels to the soundstage for more immersive surround sound.
- **FLAC HD Decoding:** Delivers uncompressed playback of high-definition music files.
- **Compressed Audio Restorer:** Improves the quality of lower resolution audio files.

Video Technologies (HDMI v1.4a)

- **3D Pass-Through:** Passes 3D signals from Blu-ray players and 3D television broadcasts without loss of effect.
- **Audio Return Channel (ARC):** Allows audio content from your TV to be played back through the receiver using the same HDMI cable that sends video to the TV, reducing cable clutter.
- **Deep Color and x.v.Color Support:** Displays a larger color range than standard-definition schemes for a more lifelike and vibrant picture.

TROUBLESHOOTING

If you encounter issues with your Denon AVR-1912, refer to the following common solutions:

- **No Sound Output:**
 - Check speaker connections and ensure they are securely fastened.
 - Verify the correct input source is selected on the receiver.
 - Ensure the volume is not muted or set too low.
 - If using HDMI ARC, confirm ARC is enabled on both the TV and receiver.

- **Network Connectivity Issues:**

- Ensure the Ethernet cable is securely connected to both the receiver and your router.
- Restart your router and the receiver.
- Check your network settings on the receiver's OSD to ensure it's configured correctly (DHCP enabled or static IP set).

- **AirPlay Playback Hiccups:**

- Ensure your Wi-Fi signal is strong and stable.
- Avoid switching apps rapidly on your iOS device during playback.
- Restart your iOS device and the receiver.

- **No Video/Picture:**

- Verify HDMI cables are securely connected to both the source device, receiver, and TV.
- Ensure the correct HDMI input is selected on the receiver and the correct input on your TV.
- Check if your source device (e.g., older Roku boxes) is HDCP compliant if experiencing issues with protected content.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your AVR-1912.

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the receiver. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure adequate ventilation around the receiver. Do not block ventilation openings. Allow sufficient space (at least 4 inches) around the top and sides for heat dissipation.
- **Dust Accumulation:** Periodically clean dust from the vents using a soft brush or compressed air to prevent overheating.
- **Cable Management:** Keep cables organized and untangled to prevent damage and ensure proper signal transmission.

SPECIFICATIONS

Model Number	AVR1912
Product Dimensions (H x W x D)	6-3/8 x 17-1/8 x 15-3/64 inches (approx. 16.2 x 43.5 x 38.2 cm)
Item Weight	22.5 pounds (approx. 10.2 kg)
Channels	7.1
Power Output	90 watts per channel (20Hz-20kHz, 8 ohms, .08% THD), 150 watts per channel (1kHz, 6 ohms)
HDMI Inputs/Outputs	6 In / 1 Out (HDMI 1.4a, 3D Ready, ARC)
Connectivity	Wired (Ethernet), USB
Special Features	AirPlay, Audyssey MultEQ, Dolby TrueHD, DTS-HD Master Audio, Deep Color, x.v.Color

WHAT'S IN THE BOX

Upon unboxing your Denon AVR-1912, you should find the following items:

- Denon AVR-1912 7.1-Channel A/V Receiver
- Remote Control
- AA Batteries (for remote control)
- Setup Microphone (for Audyssey calibration)
- AM Loop Antenna
- FM Indoor Antenna
- Owner's Manual (this document)

WARRANTY AND SUPPORT

The Denon AVR-1912 7.1 Channel A/V Home Theater Multi-Source/Multi-Zone Receiver is backed by a **two-year warranty** from the date of purchase.

For technical support, service, or warranty claims, please contact Denon customer support. Refer to the official Denon website for the most current contact information and support resources.

Manufacturer: Denon Electronics USA LLC