

## Denon AVR-X4400H

# Denon AVR-X4400H 9.2 Channel Full 4K Ultra HD AV Receiver User Manual

Model: AVR-X4400H | Brand: Denon

## INTRODUCTION

The Denon AVR-X4400H is a high-performance 9.2 channel AV Surround Receiver designed to deliver an immersive home theater experience. It supports the latest audio formats including Dolby Atmos, DTS:X, and Auro-3D, providing multi-dimensional sound. With 4K Ultra HD video pass-through, HDCP2.2, and HDR compatibility, it ensures stunning visual quality. Integrated HEOS wireless technology allows for multi-room audio streaming, while built-in Wi-Fi, Bluetooth, and AirPlay offer versatile connectivity options. This receiver is capable of 9-channel amplification, supporting 7.1.2 or 5.1.4 speaker configurations out of the box, and can be expanded to 11.2 channel processing with an external stereo amplifier for a 7.1.4 setup.



Figure 1: Front view of the Denon AVR-X4400H AV Receiver, showcasing its sleek design and front panel controls.

## SETUP

### 1. Initial Unpacking and Placement

Carefully remove the AV receiver and all accessories from the packaging. The box should contain the AV Receiver, Batteries for the remote, Remote control, AM/FM Antenna, and this User Manual. Place the receiver on a stable, flat surface with adequate ventilation around all sides to prevent overheating. Avoid placing it in an enclosed cabinet without proper airflow.

### 2. Connecting Speakers

The AVR-X4400H supports various speaker configurations, including 7.1.2 and 5.1.4 out of the box, and up to 7.1.4 with an external amplifier. Connect your speakers to the corresponding terminals on the rear panel. Ensure correct polarity (+ to + and - to -) for optimal sound performance. Use high-quality speaker cables for best results.

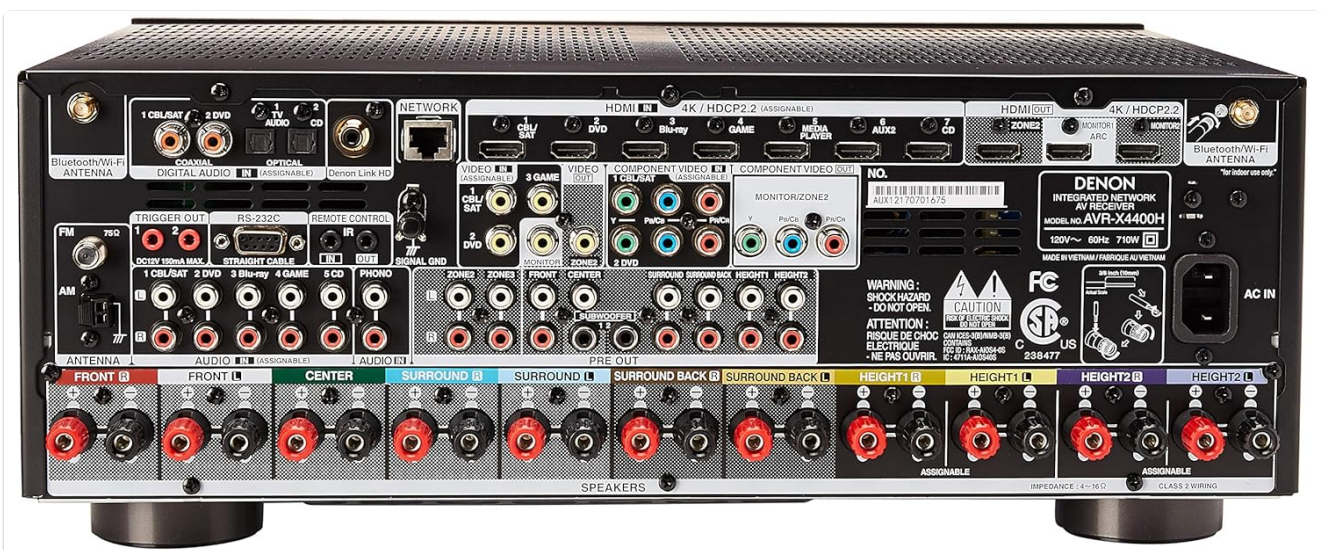


Figure 2: Rear panel of the Denon AVR-X4400H, showing various input/output ports for speaker and device connections.

### 3. Connecting Audio/Video Devices

Connect your source devices (e.g., Blu-ray player, gaming console, set-top box) to the HDMI input ports on the receiver. The AVR-X4400H features 8 HDMI inputs and 2 HDMI outputs. Connect one of the HDMI outputs to your TV or projector. For devices without HDMI, utilize the available optical, coaxial, or analog audio/video inputs.

### 4. Network Connection

For access to network features like HEOS, internet radio, and firmware updates, connect the receiver to your home network via an Ethernet cable or Wi-Fi. The receiver supports built-in Wi-Fi and Bluetooth connectivity.

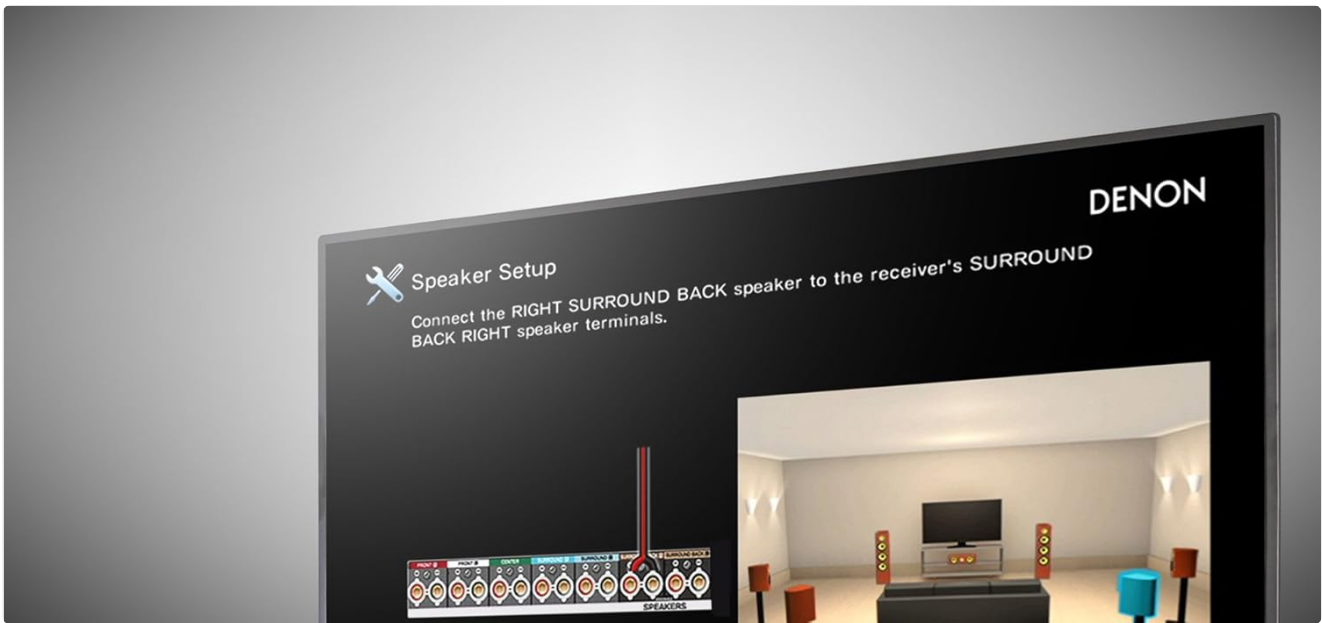


Figure 3: Example of the on-screen setup guide, assisting users with speaker configuration and other initial settings.

## 5. Initial Setup Wizard and Audyssey Calibration

Upon first power-on, the receiver will guide you through an on-screen setup assistant. Follow the prompts to configure your system. Utilize the included Audyssey MultEQ XT32 microphone to perform automatic room acoustic calibration, optimizing sound performance for your specific listening environment.

## OPERATING

### 1. Basic Operation

Use the included remote control or the front panel buttons to power the unit on/off, select input sources (e.g., Blu-ray, TV Audio, Game), and adjust the master volume. The remote control provides comprehensive access to all receiver functions.





Figure 4: The remote control for the Denon AVR-X4400H, featuring dedicated buttons for input selection, volume, and sound modes.

## 2. Sound Modes and Audio Formats

The AVR-X4400H automatically detects incoming audio formats such as Dolby Atmos, DTS:X, and DTS HD Master. You can manually select various sound modes (e.g., Movie, Music, Game) to optimize the audio experience for different content types. Refer to the on-screen display for current audio format information.

## 3. Network Features (HEOS, Bluetooth, AirPlay)

Leverage the built-in HEOS technology to stream music from various online services or your local network to the receiver and other HEOS-enabled devices in your home. Connect your smartphone or tablet via Bluetooth for direct audio streaming, or use Apple AirPlay for seamless integration with Apple devices. The receiver is compatible with services like Amazon Music HD.



Figure 5: The Denon AVR-X4400H highlighting its compatibility with Amazon Music HD, demonstrating its advanced streaming capabilities.

#### 4. On-Screen Display (OSD)

The On-Screen Display provides a user-friendly interface for navigating settings, adjusting audio parameters, and managing network connections. Access the OSD by pressing the 'SETUP' button on the remote control.

### MAINTENANCE

To ensure the longevity and optimal performance of your Denon AVR-X4400H, regular maintenance is recommended.

- **Cleaning:** Gently wipe the exterior surfaces with a soft, dry cloth. Avoid using abrasive cleaners or solvents. Ensure ventilation grilles are free from dust and obstructions.
- **Firmware Updates:** Periodically check for and install firmware updates via the network connection. These updates can improve performance, add new features, and resolve potential issues.
- **Environmental Conditions:** Operate the receiver within recommended temperature and humidity ranges. Avoid direct sunlight, excessive heat sources, and high humidity, which can damage internal components.

### TROUBLESHOOTING

This section provides solutions to common issues you might encounter. If the problem persists, refer to the Denon support website or contact customer service.

Problem	Possible Cause	Solution
No sound from speakers.	Incorrect input selection, speaker wires disconnected, volume too low, Mute function active.	Verify correct input source. Check all speaker connections. Increase volume. Deactivate Mute.
No picture on TV.	Incorrect HDMI connection, wrong TV input, resolution incompatibility.	Ensure HDMI cables are securely connected. Select correct HDMI input on TV. Check receiver's video output settings.
Cannot connect to network (Wi-Fi/Ethernet).	Network cable loose, incorrect Wi-Fi password, router issue.	Check Ethernet cable connection. Re-enter Wi-Fi password. Restart your network router.
Remote control not working.	Dead batteries, obstructed signal, incorrect remote mode.	Replace batteries. Ensure no obstructions between remote and receiver. Check if remote is in correct mode (e.g., AVR).

*If issues persist, a factory reset may resolve some problems. Refer to the full user manual for instructions on performing a factory reset.*

## SPECIFICATIONS

Feature	Detail
Brand	Denon
Model	AVR-X4400H
Product Dimensions (L x W x H)	37.9 x 43.4 x 16.7 cm
Item Weight	13.5 kg
Power Output (6 ohms, 1 kHz, 1ch Drive)	235 Watts
HDMI Inputs / Outputs	8 / 2
Speaker Surround Sound Channel Configuration	7.1.2, 5.1.4 (expandable to 7.1.4)
Special Features	Built-In Bluetooth, Built-In Wi-Fi, HEOS Technology
Audio Encoding	DTS, Dolby Atmos, DTS:X, Auro-3D
Connectivity Technology	Wi-Fi, Bluetooth, USB, HDMI

## WARRANTY AND SUPPORT

The Denon AVR-X4400H comes with a **1 Year Official Warranty**. For warranty claims, technical assistance, or

further product information, please visit the official Denon support website or contact their authorized service centers. You can also find more information and products on the [Denon Store on Amazon](#).