

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Denon](#) /
- › [Denon AVRS640H AV Receiver Instruction Manual](#)

## Denon AVRS640H

# Denon AVRS640H AV Receiver Instruction Manual

Comprehensive guide for setting up and operating your Denon AVRS640H 5.2 Channel AV Receiver.

## INTRODUCTION

This manual provides detailed instructions for the Denon AVRS640H 5.2 Channel AV Receiver. It covers essential information for setup, operation, and understanding the features of your new audio-video component receiver. Please read this manual thoroughly before using the product to ensure correct and safe operation.



Image: Front view of the Denon AVRS640H AV Receiver, showcasing its sleek black design and control panel.

## KEY FEATURES

- **5.2 Channel Surround Sound:** Experience multi-dimensional audio with 5.2 channel compatibility.
- **4K Ultra HD Video Support:** Supports Dolby Vision, HDR, HLG, BT.2020, Wide Color Gamut, and 4:4:4 Pure Color sub-sampling for stunning 4K video quality.

- **High Power Amplification:** Features 5 amplifiers delivering 150W per channel for powerful and immersive sound.
- **Wireless Connectivity:** Built-in Wi-Fi, AirPlay, and Bluetooth for streaming music from various services like Spotify, Pandora, Tidal, and more.
- **Voice Control:** Compatible with Amazon Alexa for hands-free control of volume, tracks, and inputs.
- **Easy Setup Assistant:** On-screen setup assistant provides clear, simple instructions for connecting to your TV and optimizing surround sound.
- **Quick Select Buttons:** Four front-panel quick select buttons to store and switch between preferred audio settings for specific sources.
- **Color-Coded Connections:** Rear-panel connections are horizontally arranged and color-coded for easy speaker wire organization and connection.
- **USB Playback:** Front-panel USB port for convenient audio playback of MP3, WAV, FLAC, ALAC, and DSD (2.8/5.6MHz) files.

## SETUP GUIDE

Follow these steps to set up your Denon AVR-S640H receiver for optimal performance.

### 1. Unpacking and Placement

- Carefully remove the receiver and all accessories from the packaging.
- Place the receiver on a stable, flat surface with adequate ventilation around it. Avoid placing it in an enclosed cabinet without proper airflow.

### 2. Connecting Speakers

The rear panel features color-coded speaker terminals for easy identification. Ensure correct polarity (+ to + and - to -) for each speaker.



Image: Rear panel of the Denon AVR-S640H AV Receiver, showing color-coded speaker terminals and various input/output ports.

- Connect your front left, front right, center, and surround speakers to the corresponding terminals.
- If using a subwoofer, connect it to the "SUBWOOFER PRE OUT" port.

### 3. Connecting Video Sources (HDMI)

Use HDMI cables to connect your video sources (e.g., Blu-ray player, game console, cable box) to the HDMI input ports on the receiver. Connect your TV to the HDMI OUT (ARC) port.

- The receiver has 5 HDMI inputs at 4K/60 Hz with full-rate pass-through and HDCP 2.2 support.

### 4. Network and Power Connection

- Connect the receiver to your home network via an Ethernet cable or Wi-Fi.
- Plug the power cord into the receiver and then into a wall outlet.

### 5. Initial Setup Assistant

Upon first power-on, the Denon Setup Assistant will guide you through the initial configuration, including speaker calibration and network settings. Follow the on-screen prompts.

Your browser does not support the video tag.

*Video: An official Denon video demonstrating the setup process and key features of the AV receiver, including connectivity and sound optimization.*

## OPERATION

### 1. Basic Controls



*Image: Front panel of the Denon AVRS640H AV Receiver alongside its remote control, highlighting accessible buttons and display.*

- **Power:** Use the power button on the front panel or remote to turn the receiver on/off.
- **Source Select:** Rotate the "SOURCE SELECT" knob or use the input buttons on the remote to choose your desired input source (e.g., Blu-ray, TV Audio, Game).
- **Volume:** Adjust the "MASTER VOLUME" knob or use the volume buttons on the remote.
- **Quick Select:** Utilize the four "QUICK SELECT" buttons (1-4) on the front panel or remote to instantly recall your preferred audio settings for specific sources.

### 2. Streaming Music

The receiver supports various streaming options:

- **HEOS:** Use the built-in HEOS technology to stream music from services like Spotify, Pandora, Tidal, and more

throughout your home. Control via the HEOS app.

- **Bluetooth:** Pair your mobile device via Bluetooth to stream audio wirelessly.
- **AirPlay:** Stream audio from Apple devices using AirPlay.
- **USB Playback:** Connect a USB drive to the front-panel USB port to play compatible audio files.

### 3. Voice Control with Amazon Alexa

The Denon AVRS640H is compatible with Amazon Alexa for hands-free control. Ensure your Alexa-enabled device is set up and linked to your receiver through the Alexa app.

- To adjust volume, say: "Alexa, turn up/down My Receiver."
- To change tracks: "Alexa, next track on My Receiver."
- To switch inputs: "Alexa, switch to Blu-ray on My Receiver."

## MAINTENANCE

---

To ensure the longevity and optimal performance of your Denon AVRS640H receiver, follow these general 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 receiver are not blocked. Proper airflow prevents overheating.
- **Power:** Disconnect the power cord from the wall outlet if the unit will not be used for an extended period.

## TROUBLESHOOTING

---

If you encounter issues with your Denon AVRS640H, refer to the following common troubleshooting tips. For more detailed solutions, consult the comprehensive user manual available on the Denon support website.

- **No Power:**
  - Check if the power cord is securely connected to both the receiver and the wall outlet.
  - Ensure the power outlet is functional.
- **No Sound:**
  - Verify that the correct input source is selected.
  - Check all speaker connections for proper polarity and secure fit.
  - Ensure the volume is not muted or set too low.
  - Confirm that your speakers are properly configured in the setup menu.
- **No Video:**
  - Check HDMI cable connections between the source, receiver, and TV.
  - Ensure the TV is set to the correct HDMI input.
  - Verify that the video source is powered on and functioning.
- **Remote Control Not Working:**
  - Replace the batteries in the remote control.
  - Ensure there are no obstructions between the remote and the receiver's IR sensor.

## SPECIFICATIONS

Brand	Denon
Model Number	AVRS640H
Product Dimensions	13.35 x 17.09 x 5.94 inches
Item Weight	18.74 pounds
Surround Sound Channel Configuration	5.2 Channel
Total HDMI Ports	6 (5 inputs, 1 output)
Video Encoding Support	H.265 (HEVC), VP9, HDR, Dolby Vision
Connectivity Technology	Bluetooth, HDMI, USB, Wi-Fi
Controller Type	Amazon Alexa, Vera
Batteries	2 AA batteries required (included)
Color	Black

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Denon website or contact Denon customer service. Keep your purchase receipt for warranty claims.

