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> Denon AVR-X1700H 7.2 Channel AV Receiver User Manual

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Model: AVR-X1700H | Brand: Denon

INTRODUCTION

The Denon AVR-X1700H is a high-performance 7.2 channel 8K AV receiver designed to deliver an immersive home theater experience. It supports the latest in 3D audio formats, advanced video technologies, and versatile connectivity options for all your entertainment needs.



Front view of the Denon AVR-X1700H AV Receiver, showcasing its sleek design and control knobs.

Product Overview Video

Your browser does not support the video tag.

WHAT'S IN THE BOX

Upon unboxing your Denon AVR-X1700H, please ensure all the following items are present:

- AV Receiver (Denon AVR-X1700H)
- Remote Control
- FM/AM Tuner Antenna
- Owner's Manual (this document provides detailed instructions)
- Power Cord
- Setup Microphone (for Audyssey room correction)

SETUP GUIDE

The Denon AVR-X1700H features an award-winning on-screen Quick Setup Guide to walk you through the initial configuration. Follow the steps below for a seamless setup process.

1. Physical Connections

Connect your speakers, display, and source devices to the receiver. The back panel features color-coded connections for easy identification.



Thrillingly powerful 7-channel amplifier

Discrete high-current amplifiers deliver 80W per channel of renowned Denon sound

Detailed rear view of the Denon AVR-X1700H, highlighting the clearly labeled and color-coded speaker terminals and HDMI inputs.

- **Speakers:** Connect your speakers to the corresponding color-coded terminals (Front L/R, Center, Surround L/R, Surround Back L/R). The receiver supports 7.2 channel configurations.
- **Display (TV/Projector):** Use an HDMI cable to connect the HDMI MONITOR OUT (eARC) port on the receiver to your TV's HDMI input. Ensure your TV's HDMI input supports eARC for optimal audio return.
- **Source Devices:** Connect your Blu-ray player, gaming console, cable box, or other devices to the HDMI INPUT ports. The AVR-X1700H has 6 HDMI inputs, including 3 dedicated 8K inputs.
- **Network:** Connect an Ethernet cable to the NETWORK port for wired internet access, or ensure Wi-Fi antennas are properly connected for wireless connectivity.
- **Antennas:** Connect the supplied FM/AM antennas for radio reception.
- **Power:** Once all connections are made, connect the power cord to the receiver and then to a wall outlet.

2. Initial Setup and Audyssey Room Correction

After powering on the receiver and your TV, the Denon Setup Assistant will appear on your TV screen. Follow the on-screen instructions.

Fully Immersive 3D Audio

Dive into 3D audio with Dolby Atmos®, DTS:X, and Height Virtualization Technology

AVR-X1700H



The Denon AVR-X1700H receiver shown with its remote control and the Audyssey setup microphone, essential tools for initial configuration and sound optimization.

- **Speaker Calibration:** The Setup Assistant will guide you through the Audyssey MultEQ XT room correction process. Connect the supplied setup microphone to the FRONT PHONES jack on the front panel. Place the microphone at your primary listening position and follow the prompts to calibrate your speakers for optimal sound performance in your room.
- **Network Setup:** Configure your network settings (Wi-Fi or wired) to enable streaming services and firmware updates.
- **Input Assignment:** Assign your connected devices to the appropriate inputs.

OPERATING INSTRUCTIONS

Audio and Video Playback

The AVR-X1700H supports a wide range of audio and video formats, ensuring a high-quality entertainment experience.

- **Selecting Inputs:** Use the SOURCE SELECT knob or the dedicated input buttons on the remote control to switch

between connected devices (e.g., "Blu-ray," "Game," "CBL/SAT").

- **Volume Control:** Adjust the MASTER VOLUME knob on the front panel or the Volume Up/Down buttons on the remote.
- **Audio Modes:** The receiver automatically detects the audio format (e.g., Dolby Atmos, DTS:X) and applies the appropriate processing. You can manually select different sound modes using the remote control to suit your preference.
- **8K/4K Video:** Enjoy stunning visuals with support for 8K/60Hz and 4K/120Hz pass-through, HDR10, HDR10+, Dolby Vision, and HLG.

ADVANCED HDMI CONNECTIVITY PLUS EARC



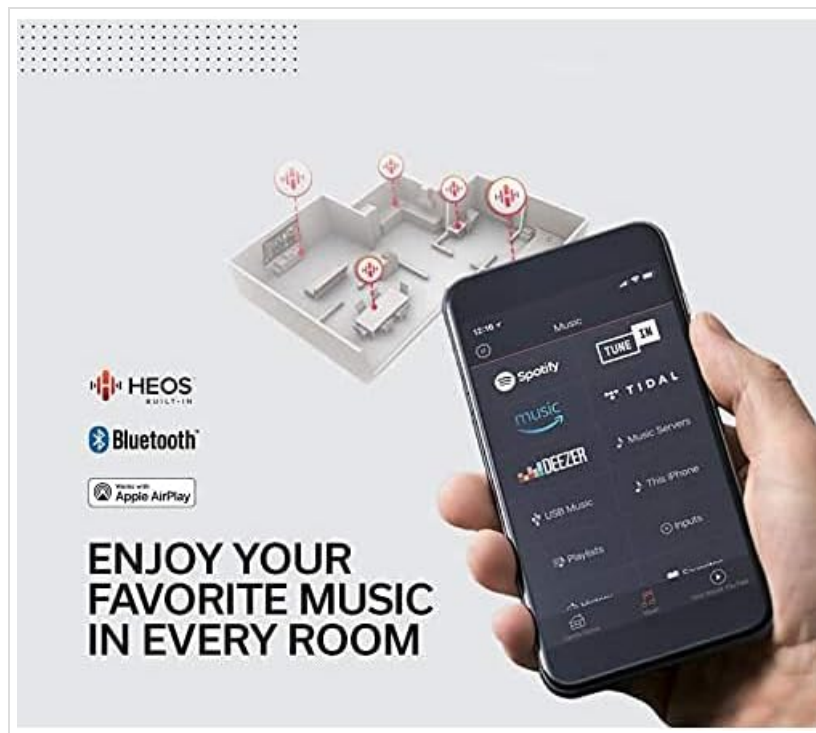
Enjoy 8K upscaling from legacy sources and one cable TV connection with eARC

8K
ULTRA HD

The Denon AVR-X1700H receiver highlighting its advanced 8K HDMI connectivity, ensuring future-ready video performance.

Multi-Room Audio and Streaming (HEOS Built-in)

With HEOS Built-in, you can stream music wirelessly throughout your home and control it from your smartphone or tablet.



A smartphone displaying the HEOS app interface, illustrating how to control multi-room music streaming from various services like Spotify and Tidal.

- **HEOS App:** Download the free HEOS app to your mobile device. This app allows you to browse music, create playlists, and control playback across different HEOS-enabled devices in your home.
- **Streaming Services:** Access popular music streaming services such as Spotify, Pandora, Amazon Music HD, TIDAL, and Deezer directly through the HEOS app.
- **AirPlay 2 & Bluetooth:** Stream audio directly from your Apple devices via AirPlay 2 or from any Bluetooth-enabled device.

Voice Control

Control your receiver hands-free using voice commands with compatible voice assistants.

- **Amazon Alexa:** Enable the Denon skill in the Alexa app and link your account. You can then use commands like "Alexa, turn on the Denon" or "Alexa, set volume to 30 on Denon."
- **Google Assistant:** Link your Denon receiver to your Google Home app. Use commands such as "Hey Google, play music on Denon."
- **Apple Siri:** Utilize AirPlay 2 for Siri voice control from your iOS device.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Denon AVR-X1700H.

- **Cleaning:** Regularly wipe the exterior of the receiver with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as they can damage the finish.
- **Ventilation:** Ensure adequate ventilation around the receiver. Do not block the ventilation openings on the top or sides. Allow at least 4 inches (10 cm) of space above the unit and 2 inches (5 cm) on the sides for proper airflow.
- **Dust Removal:** Periodically use a soft brush or a vacuum cleaner with a brush attachment to gently remove dust from the ventilation grilles.

- **Cable Management:** Keep cables neatly organized to prevent tangling and ensure proper airflow. Avoid placing heavy objects on cables.
- **Firmware Updates:** Connect the receiver to the internet to receive automatic firmware updates, which can improve performance and add new features.

TROUBLESHOOTING

If you encounter issues with your Denon AVR-X1700H, refer to the following common troubleshooting tips before contacting support.

Problem	Possible Cause / Solution
No Sound	Check speaker connections. Ensure correct input source is selected. Verify volume level is not muted or too low. Check if headphones are connected. Confirm TV's audio output is set to external speakers or eARC.
No Picture	Check HDMI cable connections between source, receiver, and TV. Ensure correct HDMI input is selected on both receiver and TV. Try a different HDMI cable or input port. Verify source device is powered on and outputting video.
Network Connection Issues	Ensure Ethernet cable is securely connected or Wi-Fi settings are correct. Restart your router and modem. Check network settings in the receiver's menu.
Remote Control Not Working	Replace batteries. Ensure line of sight to the receiver's IR sensor. Check if the remote is set to control the receiver (not another device).

For more detailed troubleshooting, please refer to the full Owner's Manual available on the Denon support website.

SPECIFICATIONS

Feature	Detail
Channels	7.2 Channel
Power Output	80W per channel (8 ohms, 20Hz-20kHz, 0.08% THD, 2ch driven)
HDMI Inputs / Outputs	6 In / 1 Out (3x 8K/60Hz, 4K/120Hz pass-through; 1x eARC)
Video Support	8K/60Hz, 4K/120Hz, VRR, ALLM, QMS, HDR10, HDR10+, Dolby Vision, HLG, HDCP 2.3

Feature	Detail
Audio Formats	Dolby Atmos, DTS:X, Dolby Atmos Height Virtualization Technology, DTS Virtual:X
Wireless Connectivity	Wi-Fi, Bluetooth, HEOS Built-in, AirPlay 2
Voice Control Compatibility	Amazon Alexa, Google Assistant, Apple Siri, Josh.ai
Dimensions (W x D x H)	17.1 x 13.3 x 6 inches (434 x 339 x 151 mm)
Weight	19 pounds (8.6 kg)
Analog Inputs	2 (RCA), 1 Phono (MM)
Digital Inputs	2 Optical, 1 Coaxial
Pre-Outs	2 Subwoofer

WARRANTY AND SUPPORT

Denon products are built with quality and reliability in mind. For specific warranty details, please refer to the warranty card included with your product or visit the official Denon website.

For technical support, product registration, or to download the complete Owner's Manual, please visit the official Denon support website:

www.denon.com/en-us/support

You can also find helpful FAQs and community forums on the support page.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Where is the audio output located on the Denon AVR-X1700H for recording to a tape deck?

The Denon AVR-X1700H does not feature a dedicated "Tape Out" or analog "Rec Out" fixed-level output, which was common on older receivers. This makes direct recording to a tape deck more difficult than on...

[Read full answer](#)