

DENON®



DENON AVR-X1700H

7.2ch 8K AV receiver with 3D audio, voice control, and HEOS® Built-in

Powering 80W per channel, the Denon AVR-X1700H 7.2 channel 8K AV receiver supports the latest in 3D audio formats, including Dolby Atmos®, Dolby Atmos Height Virtualization Technology, DTS:X®, and DTS Virtual:X™. It features the latest HDMI specifications such as 8K/60Hz, select 4K/120Hz pass-through, VRR, ALLM, Dolby Vision™, HDR10+, and eARC support. With HEOS® Built-in, stream music wirelessly from Spotify®, Pandora®, Amazon Music HD, TIDAL, Deezer, and more. Works with Amazon Alexa, Google Assistant, Apple Siri, and Josh.ai for seamless voice control.

HIGHLIGHTS

YOUR BENEFITS

High-performance discrete seven-channel amplifier

Delivers maximum performance and 80W per channel to provide the classic and dynamic Denon sound experience.

Enjoy 8K quality video

Three 8K inputs and one output allow for 8K/60Hz and 4K/120Hz pass-through. 8K upscaling available on all six HDMI inputs..

Supports the latest HDR formats

Compatible with HDR10, HDR10+, HLG, Dolby Vision, and Dynamic HDR to provide the greatest picture brightness, clarity and contrast.

Enjoy immersive 3D audio

Compatible with sources like Dolby Atmos®, Dolby Atmos Height Virtualization, DTS:X®, and DTS Virtual:X™.

Enhanced Audio Return Channel (eARC) HDMI support

Connect your eARC HDMI-supported TV through the AVR-X1700H's main HDMI output to allow uncompressed and object-based audio formats like Dolby Atmos and DTS:X to directly send from your smart TV app to your AV receiver.

The next generation in movie immersion

8K/60Hz pass-through and upscaling, Dynamic HDR, and Quick Media Switching (QMS) give you crystal clear picture quality.

Enhanced gaming experiences

4K/120Hz pass-through, Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), and Quick Frame Transport (QFT) enhance your gaming experience with amazing imaging as well as reduced lag and latency.

Works with your favorite voice services

Use your voice to control the AVR-X1700H and wireless music services as well as Amazon Alexa, Google Assistant, Apple Siri, and Josh.ai.

Wireless streaming from the most popular music services

Enjoy music services like Spotify®, Pandora®, Amazon Music HD, TIDAL, SiriusXM, Deezer, and more.

HEOS® Built-in wireless multi-room music streaming technology

Listen from any room for a connected, whole-home audio experience. The AVR-X1700H also works with the newly introduced Denon Home speakers to let you enjoy great Denon sound throughout your home.

SINCE 1910 | DEFINING AUDIO EXCELLENCE





Ultimate home theater experience – 8K ready

The AVR-X1700H delivers the ultimate home theater experience with 8K/60Hz pass-through and 4K/120Hz pass-through, as well as support for the latest HDMI specifications. The new AVR-X1700H lets you build the best 4K home theater today and is 8K ready when you are. Enjoy the highest quality 3D audio and video for even the most demanding entertainment needs.

Powerful seven-channel amplifier with the latest home cinema specs

Featuring discrete high-current amplifiers on all channels, the AVR-X1700H delivers high-power performance of 80W per channel (8 ohms, 20Hz-20kHz, THD: 0.08%, 2 channels driven). Low impedance drivers can accommodate a wide range of speakers for balanced, tonal sound.

Full 3D audio support

Immerse yourself in 3D audio with Dolby Atmos®, Dolby Atmos Height Virtualization Technology, DTS:X®, and DTS Virtual:X™. Set up a 5.1.2 Dolby Atmos surround system using Dolby Atmos elevation speakers, or dedicated overhead speakers, for the ultimate home theater experience. DTS:X gives your movies, games and music a realism unmatched by traditional 5.1 surround sound. Dolby Atmos Height Virtualization Technology and DTS Virtual:X provide immersive audio without height channels, creating virtual height effects in a 7.1, 5.1, or 2.1 speaker arrangement.

Advanced 8K HDMI video section to support various HDR formats

For the best picture quality available, the AVR-X1700H features an advanced HDMI section (6 in/1 out) with three 8K inputs supporting 8K/60Hz and 4K/120Hz video pass-through sporting 40Gbps. All HDMI inputs feature 4:4:4 Pure Color sub sampling, HDR10, HDR10+, Dolby Vision, Hybrid Log-Gamma (HLG), Dynamic HDR, 3D, and BT.2020 pass-through support for exceptional picture quality. Enjoy 8K upscaling as well as HDCP 2.3 processing to play copy-protected content uninhibited.

HEOS® Built-In multi-room streaming

Enjoy your favorite music in any room of your home wirelessly with HEOS® Built-in technology. Play the same song in every room or select a different song for each connected room. Also works with Amazon Alexa, Google Assistant, Apple Siri, and Josh.ai to provide cutting-edge voice control for all your home entertainment. Connect your Denon Home speakers for a whole-home audio experience. HEOS also supports free and premium Spotify, Pandora, Amazon Music HD, Tunesl, SoundCloud, SiriusXM, TIDAL, and more. (Not all music services available in all regions.)

Easy setup and automatic HDMI rename

The included AVR-X1700H Quick Start Guide provides simple, clear instructions for how to get started. Once you connect your TV to the

AVR-X1700H via HDMI, the exclusive Denon Setup Assistant appears on your TV screen to walk you through setup, step by step. On the back of the AV receiver, a row of color-coded speaker connections is laid out horizontally, making organizing and connecting speaker wires simple. The AVR-X1700H renames HDMI inputs automatically when connected or you can rename manually for your convenience.

Audyssey room correction

Using the featured Audyssey MultEQ XT room acoustic measurement system and supplied microphone, the AVR-X1700H it precisely analyzes the output of each speaker to optimize every channel. Plus, the additional Audyssey MultEQ Editor app (available for purchase) allows advanced users to go “under the hood” for further adjustment and customization of your audio environment. The app is available for both iOS and Android.

Apple AirPlay 2 built-in

Use AirPlay 2 to stream Apple music wirelessly to the AV receiver, or group with other AirPlay compatible speakers to fill your home with music.

Built-in bluetooth and Wi-Fi capability

The heart of your wireless network, the Denon AVR-X1700H is equipped with an advanced dual antenna transceiver system for robust Bluetooth and Wi-Fi wireless streaming even in congested urban environments. Enjoy listening to your favorite audio content wirelessly from your smart devices.

Phono input for turntable/vinyl support

With the built-in phono input, the AVR-X1700H lets you connect your turntable and play vinyl records. Enjoy your vintage collection with exceptional quality and sound.

Amazing sound built on 110 years of innovation

As Japan's first audio electronics manufacturer with a deep legacy of firsts, Denon is the defining audio company of Japan. Founded in 1910, we enable the moments that matter through the relentless pursuit of quality, innovation, and audio performance. We innovate for a better experience.

Brilliant color—universal compatibility, HDR10+, and dynamic HDR

The AVR-X1700H supports High Dynamic Range video format, HDR10, Dolby Vision, and HLG (Hybrid Log Gamma). Dolby Vision transforms the viewing experiences with astonishing brightness, contrast, and color. HLG offers HDR technology over broadcast content for a crisper, cleaner image. The AVR-X1700H also supports HDR10+, which sends dynamic meta data to TV for more realistic images, as well as Dynamic HDR. (Some technologies are not available on all televisions.)

Enhanced Audio Return Channel (eARC) support

The main output of the AVR-X1700H supports eARC (enhanced Audio Return Channel) to enable uncompressed and object-based audio

transmission directly from your smart TV apps to your AV receiver.

The latest technology for enhanced movie experiences

With the new AVR-X1700H, enjoy all your entertainment with latest technology available and watch your movies in unrivaled clarity. Enjoy your movies in 8K with 8K/60Hz pass-through and upscaling, as well the latest in AV receiver technology like Dynamic HDR and Quick Media Switching (QMS), which eliminates video delay in movies.

The next generation in gaming

Enjoy gaming to its full potential with the new AVR-X1700H. Play with 4K/120Hz pass-through, as well as Variable Refresh Rate (VRR), Quick Frame Transport (QFT), and Auto Low Latency Mode (ALLM), which reduces or eliminates lag and frame tearing for a smoother, lag-free gaming experience.

Works with Amazon Alexa

Control the AVR-X1700H hands-free with Amazon Alexa and your voice. Adjust the volume, skip to the next track, switch inputs for your different media players, and more—“Just Ask.” Download the HEOS Home Entertainment Skill to enable Amazon Alexa voice commands for your AVR-X1700H, HEOS devices and other select Denon products.

Works with Google Assistant

Start music in the HEOS app, then ask your Google Assistant to control volume, play, pause, skip tracks, and more.

Works with Josh.ai

Josh.ai offers flexible voice control for nearly any aspect of your day-to-day experience and entertainment environment. Use voice commands to control the thermostat, lights, home appliances, speakers, AV receiver, and more. Josh.ai is installed by custom integrators and accessed through an app on your phone or tablet. Works with iOS and Android devices.

Multi-source, multi-room

With the Denon AVR-X1700H, it's possible to enjoy multi-channel surround sound in one room and a separate source or music stream in another. Watch a movie in one room while another family member listens to music in a different zone without interruption.

All zone TV audio

Play the audio from your TV to all zones. Enjoy full discrete audio such as Dolby Atmos in the main zone for a totally immersive experience while playing the same source in the second zone. The AVR-X1700H supports both HDMI and digital sources for your second zone when set to “Source.”

Technical Information	
Number of Power Amps	7
Power Output	80 watts per channel (8 ohms, 20Hz-20kHz, .08%, 2ch driven)
	120 watts per channel (6 ohms, 1kHz, .7%, 2ch driven)
	175 watts per channel (6 ohms, 1 kHz, THD 10%, 1ch driven)
	145 watts per channel (6 ohms, 1 kHz, THD 1%, 1ch driven)
Speaker Impedance	4-16Ω/ohms
Preamplifier Section	
Input Sensitivity/ Impedance	200mV
Frequency Response	10Hz-100kHz - +1, -3 dB (Direct Mode)
S/N Ratio	98dB (IHF-A weighted, Direct mode)
FM Section	
Tuning Frequency Range	87.5 - 107.9MHz
AM Section	
Tuning Frequency Range	520-1710kHz
General	
Power Supply	120V/60Hz
Power Consumption	430W (Standby 0.1W, CEC standby 0.5W)
Power Consumption (No Sound)	29W (ECO Mode On) 39W (ECO Mode Off)
Maximum Dimensions (WxDxH)	
Antenna: Horizontal (in)	17.1 x 13.3 x 6
Antenna: Vertical (in)	(17.1 x 13.3 x 8.5)
Carton Dimensions (Packaging) (W x D x H) (in)	20.6 x 17.1 x 9.1
Weight (lbs)	19
Weight (Packaging) (lbs)	23.4

Ports		
In	HDMI	6
	Composite	x2
	Phono	x1
	Analog Audio	x2
	Digital Optical	x2
	Digital Coaxial	x1
	USB (Front)	x1
Out	HDMI Monitor (eARC)	x1
	Composite	x1
	Audio Pre-Out	0.2ch
	Zone 2 (pre-out / speaker assignable)	x1 / x1
	Headphones	x1
Other	Ethernet	x1
	Microphone Port	x1
	FM/AM Tuner Antenna	x1