

DENON®



DENON AVR-X1700HDAB

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

Powering 145W per channel, the Denon AVR-X1700HDAB 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®, Amazon Music HD, TIDAL, Deezer, and more. Works with Amazon Alexa, Google Assistant, and Apple Siri for seamless voice control.

HIGHLIGHTS

YOUR BENEFITS

High-performance discrete seven-channel amplifier	Delivers maximum performance and 145W 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..
The latest in video compatibility	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-X1700HDAB'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 favourite voice services	Use your voice to control the AVR-X1700HDAB and wireless music services as well with Amazon Alexa, Google Assistant, and Apple Siri.
Wireless streaming from the most popular music services	Enjoy all of your favourite music services like Spotify®, Amazon Music HD, TIDAL, Deezer and more. The AVR-X1700HDAB also lets you enjoy your music via AirPlay 2 and Bluetooth.
HEOS® Built-in wireless multi-room music streaming technology	Listen from any room for a connected, whole-home audio experience. The AVR-X1700HDAB 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 theatre experience – 8K ready

The AVR-X1700HDAB delivers the ultimate home theatre experience with 8K/60Hz pass-through and 4K/120Hz pass-through, as well as support for the latest HDMI specifications. The new AVR-X1700HDAB lets you build the best 4K home theatre 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-X1700HDAB delivers high-power performance of 145W per channel. 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 theatre 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-X1700HDAB 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 favourite 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, and Apple Siri 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, Amazon Music HD, TunesIn, SoundCloud, TIDAL, and more. (Not all music services available in all regions.)

Easy setup and automatic HDMI rename

The included AVR-X1700HDAB Quick Start Guide provides simple, clear instructions for how to get started. Once you connect your TV to the AVR-X1700HDAB 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-X1700HDAB 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-X1700HDAB 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-X1700HDAB 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 favourite audio content wirelessly from your smart devices.

Phono input for turntable/vinyl support

With the built-in phono input, the AVR-X1700HDAB 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 firms, 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 colour—universal compatibility, HDR10+, and dynamic HDR

The AVR-X1700HDAB 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-X1700HDAB 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-X1700HDAB 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-X1700HDAB, 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-X1700HDAB. 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-X1700HDAB 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-X1700HDAB, 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.

Multi-source, multi-room

With the Denon AVR-X1700HDAB, 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-X1700HDAB supports both HDMI and digital sources for your second zone when set to “Source.”

Technical Information		General	
Number of Power Amps	7	Power Supply	AC 230V/50Hz
Power Output	80 watts per channel (8 ohms, 20Hz–20kHz, .08%, 2ch driven)	Power Consumption	430W (Standby 0.1W, CEC standby 0.5W)
	120 watts per channel (6 ohms, 1kHz, .7%, 2ch driven)	Power Consumption (No Sound)	29W (ECO Mode On) 39W (ECO Mode Off)
	145 watts per channel (6 ohms, 1 kHz, THD 1%, 1ch driven)	Maximum Dimensions (WxHxD)	434 x 151 x 339mm
Speaker Impedance	4–16Ω/ohms	Carton Dimensions (Packaging) (WxHxD)	523 x 232 x 435 mm
Preamplifier Section		Weight	8.5kg
Input Sensitivity/Impedance	200mV	Weight (Packaging)	10.6kg
Frequency Response	10Hz–100kHz – +1, –3 dB (Direct Mode)		
S/N Ratio	98dB (IHF-A weighted, Direct mode)		

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