

DENON®

PRODUCT INFORMATION



# DENON AVR-X4500H

9.2 CH. HIGH POWER 4K AV RECEIVER WITH AMAZON ALEXA VOICE CONTROL

## CUTTING-EDGE HOME THEATER



The 9.2 channel AVR-X4500H 4K AV receiver supports Dolby Atmos, DTS:X and Auro-3D for an immersive home theater experience. The advanced HDMI section of the AVR-X4500H (8 in, 3 out) features Dolby Vision, HDR10, HLG and HDCP 2.2 processing on all ports. Stream music from Spotify®, Pandora®, Tidal, AirPlay 2 and more with HEOS built-in and control it all with your voice through Amazon Alexa.

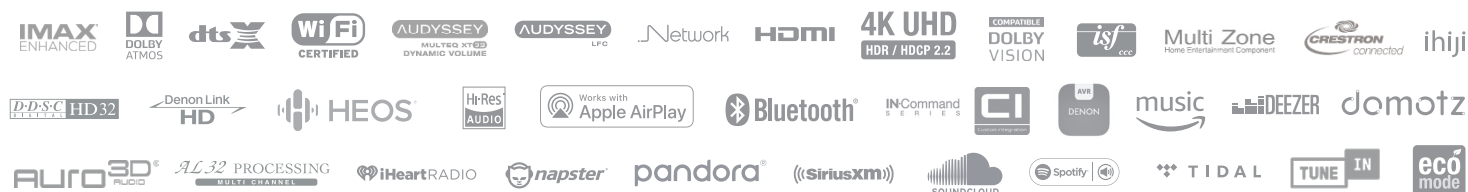
### HIGHLIGHTS

- 9.2 channel AV Receiver with 125W per channel with 11.2 channel processing
- Supports Dolby Atmos, DTS:X, Auro-3D, DTS Virtual:X and AL32 Processing
- Amazon Alexa voice control compatibility
- 8 HDMI inputs (incl. 1 front) with full HDCP 2.2 support and 3 HDMI outputs
- 4K/60 Hz full-rate pass-through, Dolby Vision compatibility, HDR10, HLG and BT.2020
- Award-winning Denon guided setup assistant and graphical user interface
- "ihiji Invision" and "Domotz Pro" remote system monitoring and management
- Supports Spotify Connect, Pandora, SiriusXM, Amazon Music, TIDAL, Deezer and more
- Built-in HEOS wireless multi-room audio technology
- Enhanced Audio Return Channel (eARC) (via future firmware update)

### YOUR BENEFITS

- 9 powerful amplifiers tuned to provide a dynamic audio experience
- Enjoy a truly immersive, three-dimensional audio experience
- Hands-free control of your home theater and wireless music services
- Connect to eight of your favorite media devices and output to three displays
- Provides the greatest picture quality for brightness, clarity and contrast
- Easy and intuitive out-of-box experience
- Lets custom integrators monitor and troubleshoot remotely, drastically reducing downtime
- Wirelessly stream and enjoy the most popular music services
- Listen from any room in your home for connected, whole-home audio streaming
- Supports the latest 3D audio formats from your TV audio signal

### DENON 100+ YEAR "LEGACY OF FIRSTS" IN AUDIO TECHNOLOGY



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**Powerful 9-channel Amplifier with the Latest Home Cinema Specs**  
Featuring discrete high-current amplifiers on all channels, the AVR-X4500H delivers high-power performance at 125W per channel (8 ohm, THD+N 0.05%, 20Hz-20kHz). Low impedance drivers provide operational stability for a wide range of speakers and create a balanced, tonal sound. The AVR-X4500H features three-dimensional sound formats Dolby Atmos, DTS:X, DTS Virtual:X and Auro-3D plus an HDMI section with HDCP 2.2 support and advanced video processing with 4K scaling for HDMI sources and two 12V trigger outputs to connect external devices.

**Advanced HDMI Video Section**  
The latest HDMI specs for the best home theater experience. All eight HDMI inputs — and three HDMI outputs — feature HDCP 2.2 support that lets you enjoy copy-protected content uninhibited. Watch movies and shows with 4K Ultra HD 60Hz video, 4:4:4 Pure Color sub-sampling, Dolby Vision, High Dynamic Range (HDR10), Hybrid Log-Gamma (HLG), eARC (enabled via firmware update) 21:9 video, 3D and BT.2020 passthrough support for exceptional color, clarity and contrast. Certified by the Imaging Science Foundation, the AVR-X4500H features a full suite of video calibration controls (for use by an ISF technician), along with ISF Day and ISF Night video modes.

**Built-in Bluetooth®, Wi-Fi and Airplay 2 Capability**  
The heart of your wireless network. With Bluetooth and Wi-Fi wireless streaming connectivity, the Denon AVR-X4500H is equipped with an advanced dual antenna transceiver system for robust streaming even in congested urban environments. Enjoy listening to your favorite audio content wirelessly from your smart devices.

**Audyssey Audio Optimization**  
The AVR-X4500H easily guides you through the setup process to ensure the most accurate configuration. Optimize all settings for the best possible sound and video quality with your system from the get-go. The most advanced Audyssey MultEQ XT32 room measurement system provides the best sound in every room and with the Audyssey MultEQ Editor app, go under the hood and set the AVR to your exact specifications.

**Dolby Atmos, DTS:X, DTS Virtual:X and Auro-3D**  
Immerse yourself in multi-dimensional audio with Dolby Atmos, DTS:X, DTS Virtual:X and Auro-3D. Set up Dolby Atmos with a 5.2.4 or 7.2.2 surround sound speaker system using Dolby Atmos elevation speakers, or dedicated overhead speakers, for the ultimate home theater experience. With 11.2 channel processing capability, the AVR-X4500H can even support up to 7.2.4 configuration with an added 2ch amplifier. DTS:X and Neural:X™ give your movies, games and music a realism unmatched by traditional 5.1 surround sound. DTS Virtual:X provides immersive audio without height channels, creating virtual height effects in a 5.1, 7.1 or 2.1 speaker arrangement. Auro-3D® elevates the home theater experience to amazing new levels by delivering the excitement of three-dimensional sound for music, games, broadcast and films while enhancing your existing audio-visual collection, thanks to Auromatic up-mixing engine.

**Amazon Alexa Voice Control**  
Control the AVR 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-X4500H, HEOS devices and other select Denon products.

**Easy Setup Experience**  
The included AVR-X4500H Quick Start Guide provides simple, clear instructions for how to get started. Once you connect your TV to the AVR-X4500H via HDMI, the exclusive Denon Setup Assistant appears on your TV screen to walk you through setup, step-by-step. A row of color-coded speaker connections is laid out horizontally, making organizing and connecting speaker wires simple.

**Brilliant Picture Quality**  
The AVR-X4500H supports High Dynamic Range (HDR10) video format, 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.

**Quick Selects for User-friendly Audio Tuning**  
The Denon AVR-X4500H front panel features four Quick Select buttons that store your preferred audio settings for each source. Switch between TV audio, Blu-ray, media players and more, and the AVR-X4500H adjusts the EQ settings to your preferences for that media source. Use the buttons on the front panel or opt for the same Quick Selects on the AVR remote for faster control.

**Denon AVR Remote App for Seamless Control**  
Better control in your back pocket. The free Denon AVR Remote for iOS and Android makes using the AVR-X4500H even easier — adjust volume, turn it on or off, mute the music, select a source or switch to HEOS. Download the free Denon AVR Remote app to your smartphone or tablet today.

**DSP Power Processing**  
Incredible power for your music and movie needs. The AVR-X4500H includes an advanced DSP (Digital Signal Processor) chip for tremendous power processing. With four 450MHz DSP cores that are capable of processing over one billion computations per second, the AVR-X4500H supports the latest video, sound and processing needs.

**Multi-source, Multi-room**  
With the Denon AVR-X4500H, it's possible to enjoy 5.1 channel surround sound in one room and a separate source or music stream in up-to two others. A truly powerful and versatile AVR, the AVR-X4500H can power up to 3 sources and 3 zones for your family to enjoy.

**Phono Input for Turntable / Vinyl Support**  
With the included phono input, the AVR-X4500H lets you connect your turntable and play vinyl records. Enjoy your vintage collection with exceptional quality and sound.



Technical information	
Number of power amps	9
Power output	235 watts per channel (6 ohms, 1 kHz, THD 10%, 1ch driven)
	165 watts per channel (6 ohms, 1 kHz, THD 0.7%, 2ch driven)
	125 watts per channel (8 ohms, 20 Hz - 20 kHz, THD 0.05%, 2ch driven)
Speaker impedance	4 - 16Ω/ohms
<b>Preamplifier section</b>	
Input sensitivity/impedance	200 mV
Frequency response	10 Hz - 100 kHz — +1, -3 dB (Direct mode)
S/N Ratio	102 dB (IHF-A weighted, Direct mode)

<b>FM section</b>	
Tuning frequency range	87.5 - 107.9 MHz
<b>AM section</b>	
Tuning frequency range	520 kHz – 1710 kHz
<b>General</b>	
Power supply	AC 120 V, 60 Hz
Power consumption	710 W (Standby 0.1 W, CEC standby 0.5 W)
Power consumption No-Sound	65 W (ECO Mode on), 110 W (ECO Mode off)
Dimensions (W x H x D)	17.1" x 6.6" x 15.3" in
Weight	30.2 lbs
UPC	AVRX4500HBKE3 883795004572 Black

Ports		
<b>IN</b>	HDMI (Front 1)	x 7 + 1
	Component (video)	x 2
	Composite (video)	x 3
	Phono	x 1
	Analog Audio	x 5
	Digital Optical / Coaxial	x 2 / x 2
	USB (front)	x 1
<b>OUT</b>	HDMI Monitor / Zone 2	x 2 / 1
	Component (video)	x 1
	Composite (video)	x 1
	Audio Pre-out (SW)	11.2 ch
	Zone 2 / Zone 3 Pre-out	Yes / Yes
	Phones	x 1
RS232 / 12 V Trigger out	x 1 / x 2	

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\* All specs can be subject to change