



# AVR-X4500H

9X 200W AV SURROUND RECEIVER WITH HEOS, AIRPLAY 2 AND ALEXA

## WORLD-CLASS HOME ENTERTAINMENT



Premium 9.2 channel AV Surround Receiver offering the most advanced 3D audio suite including IMAX Enhanced, Dolby Atmos, DTS:X and Auro-3D, plus unparalleled music playback options, thanks to our HEOS technology.



### HIGHLIGHTS

- 9.2 channel AV Receiver with 200W per channel; 11 ch processing
- Built-in WiFi with 2.4GHz/5GHz dual band support; built-in Bluetooth
- 4K/60 Hz pass-through, Dolby Vision compatible, HDR, HLG, eARC and BT.2020
- 8 HDMI inputs (incl. 1 front) with full HDCP 2.2 support; 3 HDMI outputs
- Advanced Video Processing with analogue to HDMI conversion and full rate 4K Scaling
- Dolby Atmos and DTS:X (up to 7.1.4 with add. 2ch amplifier); Auro-3D built-in
- IMAX Enhanced audio decoding (update)
- Amazon Alexa voice control compatibility
- Built-in HEOS Wireless Multi-Room Audio Technology
- AirPlay 2, Bluetooth, Internet Radio, Spotify Connect, Tidal, Deezer, Network Audio Streaming, Amazon Music
- High Resolution DSD (2.8/5.6MHz), FLAC, ALAC and WAV support
- Audyssey MultEQ XT32, Dynamic Volume and Dynamic EQ, LFC, Sub EQ HT
- Advanced Multi-Room options; 11.2ch Pre-out; RS232 Control

### YOUR BENEFITS

- 9 powerful amplifiers for an easy 3D audio setup to fill big rooms with Denon sound
- Solid network connectivity especially in WiFi-crowded homes
- Latest HDMI standard for future-proof compatibility
- Plenty of inputs for your digital devices; different video in different rooms
- Full HD and even Ultra HD video quality from existing DVDs or analogue sources
- Unique 3D sound options with effects from overhead
- Hands-free control of you AVR-X4500H and online music services
- Enjoy your music in your whole house with more HEOS products
- Access to almost unlimited online music sources
- High Resolution audio streaming for HiFi enthusiasts even in Gapless
- Delivering ultimate equalization for your individual room including subwoofer EQ
- Audio and video in multiple rooms; ready for 3rd Party Home Automation systems

### Powerful 9 Channel Discrete Amplifier with ECO Mode

The AVR-X4500H features a sophisticated power amplifier section with all 9 channels configured identically, employing discrete high current capable power transistors. Each channel is rated at 200 watts and all channels are able to safely drive lower impedance speakers (down to 4 ohms). There's also an Auto Eco mode that adjusts the maximum power available according to the volume level as well as an on-screen Eco meter that lets you see the power consumption reduction in real time.

### Advanced Sound Processing

For optimum fidelity and the widest dynamic range with lowest distortion, the AVR-X4500H features advanced reference-class 32-bit AKM AK4458VN D/A converters on all channels. This ensures consistent high fidelity and precise channel matching across all channels for the ultimate listening experience.

### Unique Denon Audio Technologies

AL32 Processing Multi-channel provides ultra-high-resolution digital audio filtering and precision for all audio channels, to deliver a natural soundstage with enhanced imaging. For contents recorded in multi-channel such as Blu-ray discs, the recorded low frequency effects (LFE) may be out of synch and delayed. Bass Sync technology corrects such a delay of low frequency effects for the perfect audio experience.

### Enjoy superb audio fidelity

The AVR-X4500H features high resolution audio decoding with multiple lossless file types including ALAC, FLAC and WAV at up to 24-bit/196-kHz along with compatibility for 2.8/5.6-MHz DSD files (DSD is the audio coding format of SACD).

### Get the amazing HEOS Experience

Enjoy your favourite music anywhere – and everywhere – around your home. Share music stored on your home network, Internet radio or streaming services with HEOS wireless speakers, or even other HEOS-capable receivers, throughout the house. Control it all with the free HEOS app. Enjoy music from Tunes, Internet Radio and a wide range of streaming services including Spotify®, Tunes, Internetradio, Soundcloud®, Tidal, Napster, Amazon Music or Deezer. Learn more about our HEOS family under [www.heosbydenon.com](http://www.heosbydenon.com)

### 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 selected Denon products.

### Unwire your sound

The AVR-X4500H is equipped with an advanced dual antenna system for robust and error-free music streaming, featuring Bluetooth and Wi-Fi connectivity as well as Apple's AirPlay 2 for direct music playback from Apple's iDevices. With the “Denon AVR Remote” app you can control the receiver's operation. With the HEOS app you easily command your music and multi-room streaming.

### Dolby Atmos / DTS:X / AURO-3D all built-in

Enjoy the most complete surround sound experience with latest audio formats Dolby Atmos, DTS:X and Auro-3D built-in. Most remarkably, the 9 channel amplification allows for setting up a 7.1.2 or 5.1.4 3D experience without the need of an external amplifier.

### IMAX Enhanced Technology

Get the most premium at-home entertainment experience with IMAX Enhanced—the latest technology program from IMAX that sets a new standard for image, sound, scale and content quality. Watch clearer pictures and brighter images. Feel immersive, heart-pounding audio delivered by DTS. See more picture on the largest screens. And experience premium content digitally remastered by IMAX.

### Ready for the future of home cinema

The AVR-X4500H's advanced video section is fully compatible with the latest HDMI and HDCP 2.2 specifications and prepared for any 4K Ultra HD source. High Dynamic Range (HDR), Dolby Vision compatibility, Hybrid Log Gamma (HLG) and eARC (enhanced Audio Return Channel) are at hand as well. You can also enjoy ultra-high-definition pictures from legacy analogue and digital sources. With three HDMI outputs, you can even connect a TV and a projector in the main room, while playing back different content on a second zone screen.

### Measure your sound to your room

The AVR-X4500H features the most advanced Audyssey MultEQ XT32 room acoustic measurement system including Audyssey Dynamic Volume, Dynamic EQ, LFC and SubEQ HT. Through these technologies, and with the supplied microphone, it exactly analyses each speaker's output to optimize the overall listening experience. With the additional Audyssey MultEQ Editor App (available for purchase), very advanced users can even go further “under the hood” if desired.

### External Control and IP Control Capabilities

The AVR-X4500H is equipped with a range of features to provide enhanced control capabilities and compatibility with 3rd party and custom integration solutions including Crestron Connected. This includes operation through IP control, either via wired LAN connection or Wi-Fi. For direct connection to external home automation and control equipment, it's also equipped with an RS-232C serial port. For simpler integrated control set-ups, the AVR-X4500H features an IR (infrared) remote control input on the rear panel, allowing remote control compatibility with other components in your home theatre system. The SRM - Smart Remote Management feature allows CI dealers connect via ihiji or Domotz for system maintenance from a remote distance.

### 100+ Years of Firsts in Audio Technology

Founded in 1910, Denon has a deep heritage of “firsts” in audio technology — from Japan's first audio electronics manufacturer, to producing the world's first commercial CDs. This focused investment in audio R&D ensures you get the latest technology and highest quality with every listening experience.

Technical information	
<b>Number of power amps</b>	9 (Front L/R, Center, Surround L/R, Surround Back L/R, Height 1 (Front wide/Height 2) L/R)
<b>Power output</b>	200 watts per channel (6 ohms, 1 kHz, THD 1%, 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 0.08%, 2ch driven)
<b>Speaker impedance</b>	4 - 16 ohms
<b>Preamplifier section</b>	
Input sensitivity/impedance	200 mV / 47 kohms
Frequency response	10 Hz - 100 kHz — +1, -3 dB (DIRECT mode)
S/N Ratio	100 dB (IHF-A weighted, DIRECT mode)
<b>FM section</b>	
Tuning frequency range	87.5 - 108 MHz
<b>AM section</b>	
Tuning frequency range	522 kHz – 1611 kHz
<b>General</b>	
Power supply	AC 230 V, 50 Hz
Power consumption	710 W (Standby 0.1 W, CEC standby 0.5 W)
Power consumption No-Sound	55 W (ECO on), 85 W (ECO off)
Dimensions (W x H x D)	434 x 167 x 389 mm
Weight	13.5 kg

<b>EAN</b>	AVRX4500HBKE2	4951035065914	Black
	AVRX4500HSPE2	4951035065921	Premium Silver
<b>UK</b>	AVRX4500HBKE2GB	4951035066423	Black
	AVRX4500HSPE2GB	4951035066430	Premium Silver

Ports		
<b>IN</b>	HDMI (Front 1)	x 8
	Component (video)	x 2
	Composite (video) (Front 1)	x 4
	Phono	x 1
	Analogue Audio	x 5
	Digital Optical / Coaxial	x 2 / x 2
	USB (front)	x 1
<b>OUT</b>	HDMI Monitor / Zone 2	x 2 / x 1
	Component	x 1
	Composite Monitor	x 1
	Audio Preout (SW)	11.2 ch
	Zone 2 / Zone 3 Pre-out	2.0 ch
	Phones	x 1
<b>OTHER</b>	Ethernet	x 1
	Microphone Port	x 1
	FM Tuner Antenna	x 1
	AM Tuner Antenna	x 1
	RS232 /12 V Trigger out	x 1 / x 1

### Sound United Europe

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\* All specs can be subject to change