

# DENON®



## AVAILABLE AT DIGITAL CINEMA

### PRODUCT INFORMATION



# AVR-X4400H

## 9x 200W AV SURROUND RECEIVER WITH HEOS MUSIC STREAMING TECHNOLOGY

# WORLD-CLASS HOME ENTERTAINMENT



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

### HIGHLIGHTS

- 9.2 channel AV Receiver with 200W per channel; 11ch 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
- Built-in HEOS Wireless Multi-Room Audio Technology
- AirPlay, Bluetooth, Internet Radio, Spotify Connect, Tidal, Deezer, Network Audio Streaming
- 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
- 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



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### Powerful 9 Channel Discrete Amplifier with ECO Mode

The AVR-X4400H 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-X4400H 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 sync and delayed. Bass Sync technology corrects such a delay of low frequency effects for the perfect audio experience.

### Enjoy superb audio fidelity

The AVR-X4400H 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 or Deezer. Learn more about our HEOS family under [www.heosbydenon.com](http://www.heosbydenon.com)

### Unwire your sound

The AVR-X4400H 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 for direct music playback from Apple's iDevices. With the "Denon 2016 AVR Remote" app you can control the receiver's operation and even control your connected Denon Blu-ray player. 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.

### Ready for the future of home cinema

The AVR-X4400H'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; via future firmware update) 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-X4400H 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-X4400H 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-X4400H features an IR (infrared) remote control input on the rear panel, allowing remote control compatibility with other components in your home theatre system.



### 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>S/N Ratio</b>	100 dB (IHF-A weighted, DIRECT mode)
<b>Power output</b>	200 watts per channel (6 ohms, 1 kHz, THD 1%, 1ch driven)	<b>FM section</b>	
	165 watts per channel (6 ohms, 1 kHz, THD 0.7%, 2ch driven)	<b>Tuning frequency range</b>	87.5 - 108 MHz
	125 watts per channel (8 ohms, 20 Hz - 20 kHz, THD 0.08%, 2ch driven)	<b>AM section</b>	
<b>Speaker impedance</b>	4 - 16 ohms	<b>Tuning frequency range</b>	522 kHz – 1611 kHz
<b>Preamplifier section</b>		<b>General</b>	
<b>Input sensitivity/impedance</b>	200 mV / 47 kohms	<b>Power supply</b>	AC 230 V, 50 Hz
<b>Frequency response</b>	10 Hz - 100 kHz — +1, -3 dB (DIRECT mode)	<b>Power consumption</b>	710 W (Standby 0.1 W, CEC standby 0.5 W)
		<b>Power consumption No-Sound</b>	55 W (ECO on), 85 W (ECO off)
		<b>Dimensions (W x H x D)</b>	434 x 167 x 389 mm
		<b>Weight</b>	13.5 kg

<b>EAN</b>	AVRX4400HBKE2	4951035060766	Black
	AVRX4400HSPE2	4951035060773	Premium Silver
<b>UK</b>	AVRX4400HBKE2GB	4951035060780	Black
	AVRX4400HSPE2GB	4951035060797	Premium Silver

### Ports

IN		
	HDMI (Front 1)	x 8
	Component (video)	x 2
	Composite (video) (Front 1)	x 4
	Phono	x 1
	Analogous 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 A Division of D&M Europe B.V.

Beemdstraat 11  
5653 MA Eindhoven  
The Netherlands  
[www.denon.eu](http://www.denon.eu)

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\* All specs can be subject to change