



DENON AVR-X2500H

7.2CH 4K AV RECEIVER WITH AMAZON ALEXA VOICE CONTROL

CUTTING-EDGE HOME THEATER



The AVR-X2500H features Dolby Atmos and DTS:X — plus, the latest video technologies and full 4K video upscaling. An advanced HDMI section with 8 inputs and 2 outputs features HDCP 2.2 support on all ports. Stream Spotify®, Tidal and more with HEOS technology built-in, and use your voice as the control with Amazon Alexa voice compatibility. The award-winning Denon Setup Assistant provides a seamless setup experience.

HIGHLIGHTS

- 7.2 channel AV receiver with 150W power per channel
- Supports Dolby Atmos, DTS:X and DTS Virtual:X
- Amazon Alexa voice control compatibility
- 8 HDMI inputs with full HDCP 2.2 support and 2 HDMI outputs
- 4K/60 Hz, Dolby Vision, HDR10, HLG, 4:4:4 color resolution, BT.2020
- Award-winning Denon guided setup assistant and graphical user interface
- Stream the most popular music services — Spotify, Tunes, Deezer and more plus AirPlay, Bluetooth, Internet Radio, and Network Audio Streaming
- Built-in HEOS wireless multi-room audio technology
- Audyssey MultEQ XT, Dynamic Volume and Dynamic EQ
- Audio playback of lossless files WAV, FLAC, ALAC and DSD (2.8/5.6MHz) files
- Smart TV connectivity via HDMI CEC
- Dedicated Phono input

YOUR BENEFITS

- 7 powerful amplifiers tuned to provide the dynamic Denon sound experience
- Enjoy an immersive, three-dimensional audio experience
- Hands-free control of you AVR-X2500H and online music services
- Connect up to eight of your favorite media devices and output to two displays
- Provides the greatest picture quality
- Easy and intuitive out-of-box and setup experience
- Access to a wide array of unlimited online and offline music sources
- Listen from any room of your home
- Delivering perfect equalization for your individual room
- Listen to the highest quality music files available
- Easily connect and control the AVR-X2500H with your TV remote
- Connect your turntable and play vinyl records

DENON 100+ YEARS “LEGACY OF FIRSTS” IN AUDIO TECHNOLOGY



Powerful 7-Channel Amplifier with the Latest Home Cinema Specs

Featuring discrete high-current amplifiers on all channels, the AVR-X2500H delivers high-power performance at 95 watts per channel (8ohms, 20Hz-20kHz, 0.08% THD). Low impedance drivers provide operational stability for a wide range of speakers and create balanced, tonal sound. The AVR-X2500H features three-dimensional sound formats Dolby Atmos, DTS:X and DTS Virtual:X, plus an HDMI section with HDCP 2.2 support and advanced video processing with 4K scaling for HDMI sources.

Dolby Atmos, DTS:X and DTS Virtual:X

Immerse yourself in multi-dimensional audio with Dolby Atmos, DTS:X and DTS Virtual:X. Set up Dolby Atmos with a 5.2.2 surround sound speaker 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. DTS Virtual:X provides immersive audio without height channels, creating virtual height effects in a 5.1, 7.1 or 2.1 speaker arrangement.

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-X2500H, HEOS devices and other selected Denon products.

Advanced HDMI Video Section

The latest HDMI specs for the best home theater experience. All eight HDMI inputs — and two 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) and 21:9 video, 3D, and BT.2020 passthrough support for exceptional color, clarity and contrast.

Easy Setup Experience

The included AVR-X2500H Quick Start Guide provides simple, clear instructions for how to get started. Once you connect your TV to the AVR-X2500H 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.

Built-in Bluetooth, Wi-Fi and AirPlay Capability

The heart of your wireless network. With Bluetooth and Wi-Fi wireless streaming connectivity, the Denon AVR-X2500H 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.

HEOS Multi-room Streaming

Enjoy your favorite music in any room of your home wirelessly with built-in HEOS technology. Play the same song in every room, or select a different song for each connected room — the choice is yours. Also works with Amazon Alexa providing cutting-edge voice control and incredible sound for all of your home entertainment.

Custom Install Ready

The Denon AVR-X2500H features external control and IP control capabilities for easy customization and compatibility with thirdparty integration solutions. It offers IP control capability for major third-party control devices, as well as Control4 SDPP (Simple Device Detection Protocol) certification for seamless integration with Control4 home automation equipment.

Remote Monitoring Capability

In today's custom install environment, it's critical for integrators to provide quick, reliable assistance and service to their clients, even after the install is complete. To support this effort, the Denon AVR-X2500H AV receiver features “ihiji Invision” remote system management technology and “Domotz Pro” remote monitoring and management technology. These programs allow custom integrators to monitor the status of connected products and troubleshoot remotely from the office or on the go, radically reducing the time it takes to address the issue.

High-resolution Audio Decoding

Discover the incredible fidelity of high-resolution audio tracks and enjoy music as the artist intended. The AVR-X2500H has the ability to decode multiple lossless file types, including ALAC, FLAC, WAV (up to 24-bit/196-kHz) as well as DSD 2.8MHz and 5.6MHz tracks (the audiophile format of SACD). Listen to high-resolution audio through network connected devices like your PC or NAS, or from a USB connected device.

DSP Power Processing

Incredible power for your music and movie needs. The AVR-X2500H includes an advanced DSP (Digital Sound Processor) chip for tremendous power processing. With four 300MHz DSP cores that are capable of processing over one billion computations per second, the AVR-X2500H supports the latest video, sound and processing needs.

Multi-source, Multi-room

With the Denon AVR-X2500H, it's possible to enjoy 5.1 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 a CD or music streaming service in a different zone without interruption.

Phono Input for Turntable / Vinyl Support

With the included phono input, the AVR-X2500H lets you connect your turntable and play vinyl records. Enjoy your vintage collection with exceptional quality and sound.

TV Connectivity

Control the Denon AVR-X2500H with your TV remote via the HDMI CEC functionality associated with your TV. Simply set “HDMI Control” to ON in your receiver, then set “Smart Menu” to ON and begin controlling the AVR-X2500H with your TV remote. The Smart Menu home screen provides you quick access to source and surround mode selections, the AVR's setup menu and four Smart Selects.

Denon AVR Remote for Seamless Control

Better control in your back pocket. The free Denon AVR Remote for iOS and Android makes using the AVR-X2500H even easier—adjust volume, turn it on or off, mute the music, select a source or switch to HEOS for music streaming services and multiroom. Download the free Denon Remote and HEOS app to your smartphone today.

Audyssey Room Correction

The AVR-X2500H features the Audyssey MultEQ XT room acoustic measurement system. With the supplied microphone, 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.

Quick Selects for User-friendly Audio Tuning

The Denon AVR-X2500H 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-X2500H 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.

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	
Number of power amps	7
Power output	150 W (6 ohms, 1 kHz, 1% 1ch Drive)
	125 W (6 ohms, 1 kHz, 0.7% 2ch Drive)
	95 watts per channel (8 ohms, 20 Hz - 20 kHz, 0.08% 2ch Drive)
Speaker impedance	4 – 16 Ω / ohms
Preamplifier section	
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)
FM section	
Tuning frequency range	87.5 MHz – 108 MHz
AM section	
Tuning frequency range	520 kHz – 1611 kHz
General	
Power supply	AC 230 V, 50 Hz
Power consumption	500 W
Power consumption No-Sound	35W / 75 W Eco On/Off
Dimensions (W x H x D)	434 x 167 x 339 mm
Weight	9.4kg
EAN	AVRX2500HBKE2 4951035065174 Black
	AVRX2500HBKE2GB 4951035066409 Black

Ports		
IN	HDMI (Front 1)	x 8
	Component (video)	x 2
	Composite (video)	x 2
	Phono	x 1
	Analog Audio	x 4
	Digital Optical	x 2
OUT	USB (front)	x 1
	HDMI Monitor	x 2
	Component (video)	x 1
	Composite Monitor	x 1
	Audio Pre-out (SW)	0.2 ch
	Zone 2 / Zone 3 Pre-out	x 1 / -
OTHER	Phones	x 1
	Ethernet	x 1
	Microphone Port	x 1
	FM/AM Tuner Antenna	x 1

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* All specs can be subject to change