

DENON®

PRODUCT INFORMATION



DENON AVR-X3500H 7.2 CH. 4K AV AMPLIFIER WITH AMAZON ALEXA VOICE CONTROL

CUTTING-EDGE HOME THEATER

The 7.2 channel AVR-X3500H 4K Ultra HD AV amplifier supports Dolby Atmos, DTS:X, and passes-through Auro-3D, and powers Dolby Vision, HDR10 and HLG. An advanced HDMI section (8 in/3 out) supports HDCP 2.2 processing on all ports and Enhanced Auto Return Channel (eARC). Stream Spotify®, Tidal and more with HEOS built-in. Features Amazon Alexa voice compatibility for seamless control.

HIGHLIGHTS

- 7.2 channel AV receiver with 180W 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 3 HDMI outputs
- 4K/60 Hz upscaling, 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 XT32, LFC, Sub EQ Volume and Dynamic EQ
- Audio playback of lossless files WAV, FLAC, ALAC and DSD (2.8/5.6MHz) files
- 7.2 pre-out, RS-232 Control
- 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 your AVR-X3500H and online music services
- Connect up to 8 of your favourite media devices and output to 2 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 expand power amplification or active speakers
- Connect your turntable and play vinyl records

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



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Powerful 7-Channel Amplifier

Featuring discrete high-current amplifiers on all channels, the AVR-X3500H delivers high-power performance at 180W per channel (6 ohm, 1kHz, 1% 1ch Drive). Low impedance drivers provide operational stability for a wide range of speakers and create balanced, tonal sound.

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 creates lifelike realism to draw you into your favorite movies, games and music 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-X3500H, HEOS devices and other select Denon products. *Availability varies per region and country

Advanced HDMI Video Section with eARC

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 copyright-protected content uninhibited.

Brilliant Picture Quality

Watch movies and shows with 4K Ultra HD 60Hz video, 4:4:4 Pure Color sub sampling. The AVR-X3500H 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. Also features 21:9 video, 3D and BT.2020 passthrough support for exceptional color, clarity and contrast.

Easy Setup Experience

The included AVR-X3500H Quick Start Guide provides simple, clear instructions for how to get started. Once you connect your TV to the AVR-X3500H 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-X3500H 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 your home entertainment.

Phono Input for Turntable / Vinyl Support

With the included phono input, the AVR-X3500H lets you connect your turntable and play vinyl records. Enjoy your vintage collection with exceptional quality and sound.

High-resolution Audio Support

Enjoy superb audio fidelity with your favorite high-resolution audio tracks. The AVR-X3500H with AKM 32-bit D/A converters features high-resolution audio decoding with multiple lossless file types, including ALAC, FLAC and WAV at up to 24-bit/192 kHz. It is also compatible with 2.8/5.6-MHz DSD files (DSD is the audio coding format of SACD). Play them from memory devices via the front panel USB, or over network sources. The AVR-X3500H also supports other file types such as MP3 and WMA.

Audyssey Suite

The AVR-X3500H easily guides you through the set-up 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 includes Audyssey Dynamic Volume, Dynamic EQ, LFC (Low Frequency Containment) and SubEQ HT. For the best sound in every room, use the Audyssey MultEQ Editor App, which takes you under the hood and to set the AVR-X3500H to your exact specifications.

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 IN-Command Series AVR-X3500H AV amplifier features “ihij Invision” and “Domotz Pro” remote system 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 and resolve any issues.

Multi-source, Multi-room

With the Denon AVR-X3500H, 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 playing music in a different zone without interruption.

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 (Front L/R, Center, Surround L/R, Surround Back L/R)
Power output	180 watts per channel (6 ohms, 1 kHz, THD 1%, 1ch driven) 135 watts per channel (6 ohms, 1kHz, THD 0.7%, 2ch driven) 105 watts per channel (8 ohms, 20Hz - 20kHz, THD 0.08%, 2ch driven)
Speaker impedance	*4 - 16 Ω ohms
Preamplifier section	
Input sensitivity/impedance	200mV / 47 Ω ohms
Frequency response	10 Hz - 100kHz -- +1, -3 dB (DIRECT mode)
S/N Ratio	100 dB (IHF-A weighted, DIRECT mode)

FM section			
Tuning frequency range	87.5 - 107.9MHz		
AM Section			
Tuning frequency range	520 kHz – 1710 kHz		
General			
Power supply	AC 230 V, 50 Hz		
Power consumption	600 W (Standby 0.1 W, CEC standby 0.5 W)		
Power consumption No-sound	65 W (ECO on), 110W (ECO off)		
Dimensions (W x H x D)	434 x 167 x 391 mm		
Weight (kg)	10.8 kg		
EAN	AVRX3500HBKE2	4951035065952	Black
UK	AVRX3500HBKE2GB	4951035066416	Black

Ports

IN	HDMI (Front 1)	x7+1
	Composite (Video)	x3
	Component (Video)	x2
	Analog audio	x5
	Digital Optical / Coaxial	x2 / x2
	USB (Front)	x1
	Phono	x1
OUT	HDMI monitor / Zone2	x3
	Video / Component monitor	- / x1
	Audio preout: Zone2 / SW	x1 / 7.2 ch
	Phones	x1
OTHER	Ethernet	x1
	Microphone port	x1
	FM tuner antenna	x1
	AM tuner antenna	x1
	Remote Monitoring/Control	Yes
	RS232/12 V Trigger out	x1 / x1

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* All specs can be subject to change