

DENON®

PRODUCT INFORMATION



DENON AVR-X3500H

7.2 CH. 4K AV RECEIVER WITH AMAZON ALEXA VOICE CONTROL

CUTTING-EDGE HOME THEATER



The 7.2 channel AVR-X3500H 4K Ultra HD AV receiver supports Dolby Atmos, DTS:X and 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®, Pandora®, Tidal and more with HEOS built-in. Features Amazon Alexa voice compatibility for seamless control.

HIGHLIGHTS

- 7.2 channel AV receiver with 105W 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 output
- Enhanced Audio Return Channel (eARC) (via future firmware update)
- 4k/60 Hz, Dolby Vision, HDR10, HLG, 4:4:4 color resolution and BT.2020
- Award-winning Denon guided setup assistant and graphical user interface
- “ihiji Invision” and “Domotz Pro” remote system monitoring and management technology
- Denon industry-leading 3-year manufacturer's warranty

YOUR BENEFITS

- Seven powerful amplifiers tuned to provide the classic and dynamic Denon sound experience
- Enjoy an immersive, three-dimensional audio experience
- Hands-free control of the AVR-X3500H and wireless music services
- Connect up to eight media devices and output to three displays
- Supports the latest 3D audio formats such as Dolby Atmos and DTS:X from your TV audio signal
- Provides the greatest video quality and experience
- Easy and intuitive out-of-box and setup experience
- Custom Integrators can monitor and troubleshoot remotely, drastically reducing downtime
- World-class customer support and peace of mind for years to come

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 105 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.

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 copy-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 antennatransceiver 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/196 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 receiver features “ihiji *EU does not use term “IN-Command” 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)		
	105 watts per channel (8ohm 20-20kHz THD less than 0.1%)		
	135 watts per channel (DIN Power 1kHz THD 0.7% (6ohm))		
	215 watts per channel (6ohm 1kHz, 1 Channel Driven, THD 10%)		
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 120 V, 60 Hz	
Power consumption		600 W (Standby 0.1 W, CEC standby 0.5 W)	
Power consumption No-sound		45 W (ECO on), 80W (ECO off)	
Dimensions (WxHxD)		17.1x6.6x15.3	
Weight		23.8 lbs	

Ports			
IN	HDMI (Front 1)	x7+1	
	Composite	x3	
	Component (Video)	x2	
	Analog audio	x6	
	Digital Optical / Coaxial	x2 / x2	
OUT	USB (Front)	x1	
	HDMI monitor / Zone2	x3	
	Video / Component monitor	- / x1	
	Audio preout: Zone2 / SW	x1 / 7.2ch	
	Phones	x1	
OTHER	Ethernet	x1	
	Microphone port	x1	
	FM tuner antenna	x1	
	AM tuner antenna	x1	
	Remote Monitoring/Control	Yes	
UPC	AVR-X3500HBKE3	883795004589	Black

Denon
1 Viper Way
Vista, CA 92081
www.denon.com

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