DENON AVC-X4700H

Upgrade to Precision-Based Home Theatre

A class of ist own, with Auro-3D, premium build-quality, and custom Denon audio technologies for 9 amplifiers to deliver outstanding surround sound and music experience.

HIGHLIGHTS	YOUR BENEFITS
High-performance discrete 9-channel amplifier	Delivers a dynamic 200W per channel to provide a trusted, precise and powerful Denon sound experience.
Full 8K/60Hz and 4K/120Hz support	With the latest HDMI support, enjoy 8K quality video from your 8K source devices. One 8K input and 2 outputs allow for 8K/60Hz and 4K/120Hz pass-through. 8K upscaling is available on all 8 HDMI inputs.
Enjoy your favourite 3D audio formats	Enjoy immersive, 3D audio by Dolby Atmos®, Dolby Atmos Height Virtualization, DTS:X®, DTS Virtual:X™, IMAX Enhanced and Auro-3D®.
Enhanced Audio Return Channel (eARC) HDMI support	Through the main HDMI output, connect your TV with eARC HDMI support to allow uncompressed and object-based audio formats like Dolby Atmos and DTS:X directly from your smart TV app to your AV receiver.
The latest in video compatibility	The latest HDR format support including HDR10, HDR10+ (new in 2020), HLG, Dolby Vision, as well as Dynamic HDR (New in 2020), to provide the greatest picture quality for brightness, clarity and contrast.
The latest in gaming experiences	With 4K/120Hz pass-through, Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), Quick Media Switching (QMS) and Quick Frame Transport (QFT), enjoy your gaming experience with amazing imaging with reduced lag.
New DSP for more processing power	With 11.2ch max audio processing, connect an external power amplifier to the AVC-X4700H to power two extra channels to enjoy a 11.2ch home theatre setup.
Works with your favourite voice services	Use your voice to control the AVC-X4700H and wireless music services hands-free with Amazon Alexa, Google Assistant and Apple Siri.
Wireless streaming from the most popular music services	Enjoy all of your favourite music services like Spotify, Amazon Music HD, TIDAL, Deezer and more. The AVC-X4700H also lets you enjoy your music via AirPlay 2, letting you stream your favourite tracks from Apple Music.
HEOS® Built-in wireless multi-room music streaming technology	Listen from any room for a connected, whole-home audio experience. The AVC-X4700H also works with the newly introduced Denon Home speakers to let you enjoy a whole-home audio experience.

SINCE 1910 | DEFINING AUDIO EXCELLENCE

Ultimate Home Theatre Experience – 8K Ready
The AVC-X4700H delivers the ultimate home theatre experience with 8K/60Hz pass-through and upscaling, 4K/120Hz pass-through, as well as support for the latest HDMI specifications. The AVC-X4700H lets you build the best 4K home theatre today and gives you the comfort of knowing that your AV receiver is 8K ready when you are. Enjoy the highest quality 3D audio and video for even the most demanding entertainment needs.

Powerful 9-Channel Amplifier with the Latest Home Cinema Specs
Featuring discrete high-current amplifiers on all channels, the AVC-X4700H delivers high-power performance of 200W per channel. Low impedance drivers provide operational stability for a wide range of speakers for balanced, tonal sound. Upgrade your expectations in home theatre entertainment.

Full 3D Audio Support
Immerse yourself in 3D audio with Dolby Atmos®, Dolby Atmos Height Virtualization Technology, DTS:X®, DTS Virtual:X™, IMAX Enhanced and Auro-3D. Set up a 5.1.2 Dolby Atmos surround system using Dolby Atmos elevation speakers, or dedicated overhead speakers, for the ultimate home theatre experience. DTS:X gives your movies, games and music a realism unmatched by traditional 5.1 surround sound. Dolby Atmos Height Virtualization Technology and DTS Virtual:X provide immersive audio without height channels, creating virtual height effects in a 7.1, 5.1 or 2.1 speaker arrangement.

Advanced 8K HDMI Video Section and Various HDR Format Support
Enjoy your favourite movies, shows and games with the best picture quality available. The AVC-X4700H features an advanced HDMI section (8 in/3 out) with a dedicated 8K input that will support 8K/60Hz and 4K/120Hz video pass-through. All HDMI inputs feature 4:4:4 Pure Color sub sampling, HDR10+, Dolby Vision, Hybrid Log-Gamma (HLG), and BT.2020 pass-through for exceptional colour, clarity and contrast. Enjoy 8K upscaling as well as HDCP 2.3 processing to play copy-protected content uninhibited.

Brilliant Colour – Universal Compatibility, HDR10+, Dynamic HDR
The AVC-X4700H supports High Dynamic Range video format, HDR10, Dolby Vision and HLG (Hybrid Log Gamma). Dolby Vision transforms the viewing experiences with astonishing brightness, contrast, and colour. HLG offers HDR technology over broadcast content for a crisper, cleaner image. The AVC-X4700H also supports HDR10+, which sends dynamic meta data to TV for more realistic images, as well as Dynamic HDR.

Enhanced Audio Return Channel (eARC) Support
The main output of the AVC-X4700H supports eARC (enhanced Audio Return Channel) to enable uncompressed and object-based audio transmission directly from your smart TV apps to your AV receiver.

The Latest Technology in Movie Experiences
With the new AVC-X4700H, enjoy all your entertainment with latest technology available and watch your movies in unrivaled clarity. Enjoy your movies in 8K with 8K/60Hz pass-through and upscaling, as well the latest in AV receiver technology like Dynamic HDR and Quick Media Switching (QMS), which is used in movies to eliminate video delay.

The Next Generation in Gaming
With the new AVC-X4700H, take your gaming to the next level. Game with 4K/120Hz pass-through, as well as Variable Refresh Rate (VRR), Quick Frame Transport (QFT), and Auto Low Latency Mode (ALLM), which reduced or eliminates lag and frame tearing to offer a smoother, lag-free gaming experience.

Powerful DSP Processing
Inherited from the Denon flagship AVC-X8500H, a sophisticated digital audio processing system that incorporates two dual SHARC+ core DSP chips is adopted on the AVC-X4700H allowing up to 11 channel audio processing and decoding capability at ease.

Works with Amazon Alexa
Control the AVC-X4700H 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 AVC-X4700H, HEOS devices and other select Denon products.

Apple AirPlay 2 Built-in
Use AirPlay 2 to stream Apple music wirelessly to the AV receiver, or group with other AirPlay compatible speakers to fill your home with music.

Built-in Bluetooth and Wi-Fi Capability
The heart of your wireless network. For Bluetooth and Wi-Fi wireless streaming connectivity, the AVC-X4700H is equipped with an advanced dual antenna transceiver system for robust streaming even in congested urban environments. Enjoy listening to your favourite audio content wirelessly from your smart devices.

HEOS Built-in Multi-Room Streaming
Enjoy your favourite music in any room of your home wirelessly with HEOS® Built-in 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, Google Assistant and Apple Siri to provide cutting-edge voice control and incredible sound for all your home entertainment. Connect your Denon Home speakers for a whole-home audio experience.

All Zone TV Audio
Play the audio from your TV to all zones. Supports both analogue and digital audio connections.

High-Resolution Audio Support
Enjoy superb audio fidelity with your favourite high-resolution audio tracks. The AVC-X4700H features the latest AKM 32-bit D/A converters allowing for high resolution audio decoding with multiple lossless file types, including ALAC, FLAC and WAV at up to 192kHz/24bit. 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 AVC-X4700H also supports other file types such as MP3 and WMA.

Bluetooth Audio Transmission
Enjoy your favourite audio without waking your whole home by transmitting the audio coming from your AV receiver to your Bluetooth headphones. The AVC-X4700H even allows you to play the audio on both Bluetooth headphones and connected speakers simultaneously. If you have a family member or a friend who is hearing impaired, we recommend this setup.

Audyssey Room Correction
The AVC-X4700H features the Audyssey MultEQ XT32 room acoustic measurement system. With the supplied microphone, it precisely analyses 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. The app is available for both iOS and Android.

Amazing Sound Built on 110-Years of Innovation
As Japan's first audio electronics manufacturer with a deep legacy of firsts -- Denon is the defining audio company of Japan. Founded in 1910, we enable the moments that matter through the relentless pursuit of quality, innovation and audio performance. Denon - Defining audio excellence.

Technical Information	
Number of Power Amps	9
Power Output	200 watts per channel (6 ohms, 1 kHz, THD:1%, 1 ch driven)
	125 watts per channel (8 ohms, 20Hz–20kHz, THD:0.05%, 2 ch driven)
Speaker Impedance	4-16Ω/ohms
Preamplifier Section	
Input Sensitivity/ Impedance	200 mV/47k kohms
Frequency Response	10Hz–100kHz – +1, -3 dB (Direct Mode)
S/N Ratio	102 dB (IHF-A weighted, Direct Mode)

General	
Power Supply	230V / 50/60 Hz
Power Consumption	710W (Standby 0.1W, CEC standby 0.5W)
Power Consumption (No Sound)	65W (ECO Mode On) 110W (ECO Mode Off)
Maximum Dimensions (WxDxH) Antenna:Horizontal (mm) Antenna:Vertical (mm) w/o Antenna: (mm)	434 x 389 x 167 434 x 389 x 236 434 x 379 x 167
Carton Dimensions (Packaging) (WxDxH) (mm)	538 x 485 x 261
Weight (kg)	13.7
Weight (Packaging) (kg)	16.4
EAN	AVCX4700HBKE2 (Black) 4951035072851 AVCX4700HSPE2 (Silver) 4951035072868

Ports			
In	HDMI (Front + 1)		x7 + 1
	8K HDMI		x1
	Component (Video)		x2
	Composite (Video)		x3
	Phono		x1
	Analogue Audio		x6
	Digital Coaxial		x2
	Digital Optical		x2
	USB Front		x1
Out	HDMI Monitor (1x eARC)		x3
	8K HDMI		x2
	HDMI 4K Zone2 out		x1
	Component (Video)		x1
	Composite Monitor		x2
	Audio Pre-out (SW)		11.2 ch
	Zone 2 & 3 (pre-out and speaker assignable)		yes
	Headphones		x1
Other	Ethernet		x1
	Microphone Port		x1