DENON

DENON AVC-X3700H

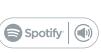## Upgrade to High-Powered Entertainment

Upgrade to high-power for bigger rooms with 9 amplifiers builit-in and 11.2ch processing for flexible speaker configurations. With IMAX Enhanced and full 4K/8K HDMl video support, it's a big step up.

HIGHLIGHTS	YOUR BENEFITS
High-performance discrete 9-channel amplifier	Delivers a dynamic 180W 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 7 HDMI inputs.
Enjoy your favourite 3D audio formats	Enjoy immersive, 3D audio by Dolby Atmos®, Dolby Atmos Height Virtualization, DTS:X®, DTS Virtual:X™ and IMAX Enhanced.
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-X3700H 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-X3700H 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-X3700H 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-X3700H also works with the newly introduced Denon Home speakers to let you enjoy a whole-home audio experience.

SINCE 1910 | DEFINING AUDIO EXCELLENCE

DOLBY ATMOS · dts X · dts VIRTUAL:X · IMAX ENHANCED · 8K UHD HDR / HDCP 2.3 · DOLBY VISION · HDR10+ · HEOS BUILT-IN · WORKS WITH alexa · works with the Google Assistant · Works with Apple AirPlay

Bluetooth · WiFi CERTIFIED · roon tested · Spotify · amazon music HD · TIDAL · TUNEIN · deezer · napster

Ultimate Home Theatre Experience – 8K Ready
The AVC-X3700H 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-X3700H 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-X3700H delivers high-power performance of 180W 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™ and IMAX Enhanced. Set up a 5.1.2 or 7.1.2 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-X3700H features an advanced HDMI section (7 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 support 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-X3700H 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.

Enhanced Audio Return Channel (eARC) Support
The main output of the AVC-X3700H 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-X3700H, 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-X3700H, 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.

Pre-Amplifier Mode at Amp Assign
With the new Pre-Amplifier Mode, your Denon AV receiver work as a perfect AV pre-processor with the latest HDMI connectivity. Pre-Amplifier Mode provides a cleaner signal path and more tolerance in clipping level by disconnecting internal amplifiers. Modernize your AV separate system without breaking the bank.

Works with Amazon Alexa
Control the AVC-X3700H 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-X3700H, HEOS devices and other select Denon products.

Works with Google Assistant
Start music in the HEOS app, then ask your Google Assistant to control volume, play, pause, skip tracks and more.

Built-in AirPlay 2, Bluetooth and Wi-Fi Capability
With Bluetooth, Wi-Fi and AirPlay 2 wireless streaming connectivity, the AVC-X3700H is equipped with an advanced dual antenna transceiver system for robust streaming even in congested urban environments. Enjoy listening to your favourite music sources wirelessly from your smart devices. Also, enjoy Apple music through AirPlay 2.

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.

High-Resolution Audio Support
Enjoy superb audio fidelity with your favourite high-resolution audio tracks. The AVC-X3700H 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-X3700H 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-X3700H even allows you to play the audio on both Bluetooth headphones and connected speakers simultaneously.

Audyssey Room Correction
The AVC-X3700H 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. We innovate for a better experience.

Technical Information

Number of Power Amps	9
Power Output	180 watts per channel (6 ohms, 1 kHz, THD:1%, 1 ch driven)
	105 watts per channel (8 ohms, 20Hz–20kHz, THD:0.08%, 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	100 dB (IHF-A weighted, Direct Mode)

General

Power Supply	230V / 50/60Hz
Power Consumption	660W (Standby 0.1W, CEC standby 0.5W)
Power Consumption (No Sound)	45W (ECO Mode On) 80W (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)	519 x 478 x 242
Weight (kg)	12.5
Weight (Packaging) (kg)	15.1
EAN	AVCX3700HBKE2 4951035072899

Ports

In	HDMI	x7
	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
	Component (Video)	x1
	Composite Monitor	x1
	Audio Pre-out (SW)	11.2 ch
	Zone 2 (pre-out and speaker assignable)	yes
	Headphones	x1
Other	Ethernet	x1
	Microphone Port	x1