

Denon 7.2 Channel WiFi 4K AV Receiver



7.2 channel 4K Ultra HD AV receiver with 145W per channel, HDMI (6in / 1out with eARC). Supports 3D audio formats Dolby Atmos®, Dolby Atmos Height Virtualization Technology, DTS:X™ and DTS Virtual:X®. Works with Amazon Alexa, Google Assistant, and Apple Siri for seamless voice control. Powerful 7-Channel Amplifier With The Latest Home Cinema Innovation Featuring discrete amplifiers on all channels, the AVR-X1600H delivers high-power performance at 145W per channel (6 ohms, 1 kHz, THD 1%, 1ch driven). Low impedance drivers provide operational stability for a wide range of speakers for balanced, tonal sound. The AVR-X1600H supports three-dimensional sound formats Dolby Atmos, Dolby Atmos Height Virtualization Technology, DTS:X and DTS Virtual:X, plus an HDMI section with HDCP 2.3 support and advanced video processing with 4K upscaling for HDMI sources. Amazing 3D-Sound Immerse yourself in multi-dimensional audio with Dolby Atmos, DTS:X, Dolby Atmos Height Virtualization and DTS Virtual:X. Drive Immersive Surround Sound Immerse yourself in multi-dimensional audio with Dolby Atmos. 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 theatre experience. Dolby Atmos Height Virtualization provides immersive audio without height channels, creating virtual height effects in a 7.2, 5.2 or 2.2 speaker arrangement. Get Closer To The Action DTS:X™ immersive audio places sound where it would occur naturally in space, creating a lifelike, multi-dimensional audio experience in the home. The improved immersion

and heightened realism draw you into the world of your favourite movies. The included DTS Neural: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 7.2, 5.2 or 2.2 speaker arrangement. Advanced HDMI Video Section With eARC The AVR-X1600H features 6 HDMI inputs and 1 output that support 4K Ultra HD 60Hz video, 4:4:4 Pure Color sub sampling, Dolby Vision, High Dynamic Range (HDR10), Hybrid Log-Gamma (HLG), eARC, 3D, and BT.2020 passthrough support for exceptional color, clarity and contrast. The eARC – enhanced Audio Return Channel – supports 3D audio transmission directly from the TV to your AV receiver. Advanced Video Controls HDCP 2.3 processing is available on all HDMI ports, letting you enjoy copy-protected content uninhibited. Enjoy seamless compatibility with the latest HD and Ultra HD TVs, Blu-ray players and game consoles. Next Generation Video Formats Watch your TV or projector video content with the best possible picture thanks to the latest 4K video technologies like Dolby Vision™, HDR10, and HLG. 4K/60 Hz, Dolby Vision, HDR10, HLG, 4:4:4 color resolution and BT.2020 provides the greatest video quality with exceptional brightness, contrast and color. Easy Setup Experience The included AVR-X1600H Quick Start Guide provides simple, clear instructions for how to get started. Once you connect your TV to the AVR-X1600H 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. Smart TV Connectivity Control the Denon AVR-X1600H with your TV remote via the HDMI CEC functionality associated with your TV. The Smart Menu home screen provides you quick access to source and surround mode selections, the AV receiver setup menu and four Quick Selects. Audyssey Room Correction The AVR-X1600H features the Audyssey MultEQ XT 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. Built-In Bluetooth And Wi-Fi

Connectivity The heart of your wireless network. For Bluetooth, Wi-Fi and AirPlay 2 wireless streaming connectivity, the Denon AVR-X1600H 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. With HEOS Built-in technology you can play the same song in every room or select a different song for each connected room — the choice is yours. HEOS works with Amazon Alexa and Google Assistant, providing effortless voice control.

Quick Selects For User-Friendly Audio Tuning The Denon AVR-X1600H 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-X1600H 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 AV receiver remote for faster control. Now allows for one-push all zone stereo mode via Quick Select.

DSP Power Processing Incredible power for your music and movie needs. The AVR-X1600H 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-X1600H supports the latest video, sound and processing needs.

Multi-Source, Multi-Room With the Denon AVR-X1600H, it's possible to enjoy 5.2 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 music in a different zone without interruption. Make use of the internal amps to power the speaker.

Front USB Port For High-Resolution Audio Enjoy superb audio fidelity with your favourite high-resolution audio tracks. The AVR-X1600H 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-X1600H also supports other file types such as MP3 and WMA.

Phono Input For Turntable/Vinyl Support For nearly 50 years, Denon has been developing turntables and phono pre-amps. With the included phono input, the AVR-X1600H lets

you connect your turntable and play vinyl records. Enjoy your collection with exceptional quality and sound. Dual Subwoofer Outputs Immerse yourself in evenly distributed, accurate bass. The AVR-X1600H features two subwoofer outputs to smooth out low frequencies and provide better dispersion. No audible peaks or dips — just powerful, room-filling bass. Work With Latest Voice Assistants Enjoy effortless voice control and total flexibility from the leading voice services. Using a smart speaker or your phone, speak commands with Amazon Alexa, Google Assistant, Apple Siri and high-end smart home automation, Josh.ai. Ask to play your favourite music, turn the volume up, skip to the next track, switch inputs and more. Switch between voice services or pick a favourite to use — the choice is yours. Functionality varies by voice agent. HEOS Built-In For Wireless Music Streaming Stream your favourite music from anywhere and everywhere around your home with HEOS Built-in technology. Enjoy high quality music from a wide range of streaming services including Spotify®, TuneIn, Deezer Amazon Prime Music, iHeartRadio, SiriusXM, Soundcloud®, Tidal, Napster, Deezer or local music sources. Control it all seamlessly with the free HEOS app.

Features

All Product Details

Brand	Denon
Product Type	7.2 Channel AV Receiver
Model Number	AVRX1600HBK
Colour	Black

Connections

Connections	1x Composite Output
	1x HDMI Out
	2x Analogue In
	5x HDMI In

Digital Optical
Subwoofer Output
FM Tuner
2x Composite In
USB Audio

Audio Features

No. of Channels 7.2

Receiver Features

Multi Zone Yes
ARC (Audio Return Channel) Yes

Dimensions

Height 151mm
Width 434mm
Depth 339mm
Product Weight 8.6kg

Warranty

Manufacturers 36 Months

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