DENON AVR-X6700H

Upgrade to a Superior Home Theater Experience

Premium 11.2 channel 8K AV receiver with 140W per channel that fully supports 3D audio formats like Dolby Atmos®, Dolby Atmos Height Virtualization Technology, DTS:X®, DTS Virtual:X™, DTS:X® Pro, IMAX® Enhanced and Auro-3D®. The AVR-X6700H also supports the latest HDMI specifications such as 8K/60Hz and 4K/120Hz pass-through, ALLM, Dynamic HDR, HDR10+ and eARC support.

HIGHLIGHTS

- Premium-performance discrete 11-channel amplifier in a monolithic design
- Full 8K/60Hz and 4K/120Hz support
- Enjoy your favorite 3D audio formats
- DTS:X® Pro support
- Enhanced Audio Return Channel (eARC) HDMI support
- The latest in video compatibility
- The next generation in movie immersion
- The latest in gaming experiences
- New DSP for more processing power
- Works with your favorite voice services
- Wireless streaming from the most popular music services
- HEOS® Built-in wireless multi-room music streaming technology

YOUR BENEFITS

- Delivers a precise and powerful 140W per channel (8 ohms, 20Hz-20kHz, THD: 0.05%, 2 ch. drive), to provide trusted, precise and powerful Denon sound.
- 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 immersive, 3D audio from sources like Dolby Atmos®, Dolby Atmos Height Virtualization, DTS:X®, DTS Virtual:X™, DTS:X® Pro, IMAX Enhanced and Auro-3D®.
- 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.
- With 8K/60Hz pass-through and upsampling, Dynamic HDR and Quick Media Switching (QMS), enjoy crystal clear picture in the highest quality available.
- With 4K/120Hz pass-through, Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM) and Quick Frame Transport (QFT), enjoy your gaming experience with amazing imaging, as well as reduced lag and latency from features.
- With 13.2 ch. max audio processing, connect external power amplifier to the AVR-X6700H to power two additional channels to enjoy a 13.2 ch. home theater setup.
- Use your voice to control the AVR-X6700H and wireless music services hands-free with Amazon Alexa, Google Assistant, Apple Siri, and Josh.ai.
- Enjoy all of your favorite music services like Spotify®, Pandora®, Amazon Music HD, TIDAL, SiriusXM, Deezer and more. The AVR-X6700H also lets you enjoy your music via AirPlay 2, letting you stream your favorite tracks from Apple Music.
- Listen from any room for a connected, whole-home audio experience. The AVR-X6700H 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 Theater Experience – 8K Ready

The AVR-X6700H delivers the ultimate home theater experience with 8K/60Hz pass-through and upsampling, 4K/120Hz pass-through, as well as support for the latest HDMI specifications. The AVR-X6700H lets you build the best 8K home theater 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 11-Channel Amplifier with the Latest Home Cinema Specs

Front wide channel support on Dolby and DTS:X. With front wide channel support, you can add two front wide speakers with Dolby and DTS to create a more seamless front sound stage up to 9.1.2 or 9.1.4 speaker configurations. 9.1.4 setup requires additional 2 channel amplifications connected to the AVR-X6700H.

The Latest Technology in Movie Experiences

With the AVR-X6700H, enjoy all your entertainment with latest technology available and watch your movies in uniovaled quality. Enjoy your movies in 8K with 8K/60Hz pass-through and upsampling, as well as 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 AVR-X6700H, 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.

Works with Amazon Alexa

Control the AVR-X6700H 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-X6700H, HEOS devices and other select Denon products.

Built-in AirPlay 2, Bluetooth and Wi-Fi Capability

With Bluetooth, Wi-Fi and AirPlay 2 wireless streaming connectivity, the AVR-X6700H is equipped with an advanced dual antenna transceiver system for robust streaming even in congested urban environments. Enjoy listening to your favorite music sources wirelessly from your smart devices. Also, enjoy Apple music through AirPlay 2.

HEOS® Built-in Multi-Room Streaming

Enjoy your favorite 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, Apple Siri and Josh.ai to provide cutting-edge voice control and incredible sound for all your home entertaining. Connect your Denon Home speakers for a whole-home audio experience.

High-Resolution Audio Support

Enjoy superb audio fidelity with your favorite high-resolution audio tracks. The AVR-X6700H features the latest AVM 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 A/MS3 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-X6700H also supports other file types such as MP3 and WMA.

Enhanced Audio Return Channel (eARC) Support

The main output of the AVR-X6700H supports eARC (enhanced Audio Return Channel) to enable uncompressed and object-based audio transmission directly from your smart TV apps to your AV receiver.

Powerful DSP Audio Processing

Inherited from the Denon flagship AVR-X8500H, a sophisticated digital audio processing system that incorporates two dual 5HARC core DSP chips is adopted into the AVR-X6700H. This allows up to 13 channel audio decoding and processing capability including DTS:X® Pro support.

Pre-Amplifier Mode at Amp Assign

With the new Pre-Amplifier Mode, your Denon AV receiver works 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 separation system without breaking the bank.

Bluetooth Audio Transmission

Enjoy your favorite audio without waking your whole home by transmitting the audio coming from your AV receiver to your Bluetooth headphones. The AVR-X6700H even allows you to play the audio on both Bluetooth headphones and connected speakers simultaneously.

Audyssey Room Correction

The AVR-X6700H 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.

Custom Install Ready with 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 AVR-X6700H AVR receiver features Domotz Pro and OvrC remote monitoring and management interface and service compatibility. The AVR-X6700H also supports Control4 SDPP (Simple Device Detection protocol) certification for seamless integration with Control4 home automation equipment.

Amazing Sound Built on 110-Years of Innovation

As Japan’s first audio electronics manufacturer with a deep legacy of firsts – Denon is the driving audio company of Japan. Founded in 1910, we enable the conditions that matter the relentless pursuit of quality, innovation and audio performance. We innovate for a better experience.

### Technical Information

<table>
<thead>
<tr>
<th>Port</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>In HDMI (Front + 1)</td>
<td>x7 + 1</td>
</tr>
<tr>
<td>BK HDMI</td>
<td>x1</td>
</tr>
<tr>
<td>Component (Video)</td>
<td>x2</td>
</tr>
<tr>
<td>Composite (Video)</td>
<td>x4</td>
</tr>
<tr>
<td>Phono</td>
<td>x1</td>
</tr>
<tr>
<td>Analog Audio</td>
<td>x6</td>
</tr>
<tr>
<td>Digital Coaxial</td>
<td>x2</td>
</tr>
<tr>
<td>Digital Optical</td>
<td>x2</td>
</tr>
<tr>
<td>USB Front</td>
<td>x1</td>
</tr>
<tr>
<td>Out HDMI Monitor (eARC)</td>
<td>x3</td>
</tr>
<tr>
<td>BK HDMI</td>
<td>x2</td>
</tr>
<tr>
<td>Component (Video)</td>
<td>x1</td>
</tr>
<tr>
<td>Composite Monitor</td>
<td>x2</td>
</tr>
<tr>
<td>Audio Pre-out (SW)</td>
<td>13.2 ch</td>
</tr>
<tr>
<td>Zone Out</td>
<td>x3</td>
</tr>
<tr>
<td>Headphones</td>
<td>x1</td>
</tr>
<tr>
<td>Other Ethernet</td>
<td>x1</td>
</tr>
<tr>
<td>Microphone Port</td>
<td>x1</td>
</tr>
<tr>
<td>FM/AM Tuner Antenna</td>
<td>x1</td>
</tr>
</tbody>
</table>

---

**HEOS logo is trademark or registered trademark in the US and/or other countries. Availability of music services may vary by region. Not all services may be available at time of purchase. Some services may be added or discontinued from time to time based on decisions of the music service providers or others. Visit www.HEOSaudio.com for announcements and details. HEOS app and brand is not affiliated with any manufacturer of any smart phone. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by D&M Holdings Inc. is under license.**