Powering 105W per channel, the Denon AVR-X3800H 9.4 channel 8K AV receiver delivers an enveloping 3D audio experience and amazing picture quality thanks to Dolby Atmos®, DTS:X®, and the latest HDMI technology featuring HDR10+, Dolby Vision™, and 8K video. Powered by HEOS® Built-in, access streaming music services and share with HEOS-enabled speakers in other rooms. With flexibility to set up the best speaker arrangement for your space and Audyssey MultEQ XT32 room correction technology to optimize the sound, we made this AV receiver to meet the demands of home theater enthusiasts, like you.

### Highlighted Features

**High performance 9-channel amplifier**
- Discrete high-current amplifiers deliver up to 105W per channel (at 8 ohms, 20-20kHz, THD 0.08%)—enough power to drive any speaker.

**3D audio experience**
- Get enveloped in sound with Dolby Atmos®, DTS:X®, IMAX Enhanced and Auro 3D, along with Dolby Surround, DTS Neural:X and Auro-Matic upmixer to optimize legacy content.

**Configuration flexibility**
- AVR-X3800H offers many setup options and flexibility to adjust your home theater to meet your needs. Supports 11.4 channel processing capability, Pre-Amplifier mode, and optional Dirac Live upgradability (with fee, coming soon in 2023).

**Advanced 8K home theater**
- 8K video is supported on all six HDMI inputs and two of the three outputs. Enjoy easy video compatibility and great picture quality with HLG, HDR, Dolby Vision, HDR10+, and Dynamic HDR passthrough.

**HEOS® built-in technology**
- Stream music wirelessly from a variety of free and premium streaming services. Share content to HEOS devices, like Denon Home speakers, in other rooms.

**Audyssey room correction technology**
- Audyssey MultEQ XT room correction features are built in for accurate setup and calibration to provide the most optimal listening experience for your room.

**Over a century of innovation**
- Founded in 1910, Denon enables the moments that matter through the relentless pursuit of quality, innovation, and audio performance.

### Denon AVR-X3800H 9.4 Ch. 8K AV Receiver

Since 1910 | Defining Audio Excellence
**Dolby Atmos**
Feel every dimension in Dolby Atmos. Upgrade your home theater with height speakers to unleash a fully immersive 3D audio experience from Dolby Atmos content. Dolby Surround upmixer engages all speakers to create 3D audio sensation from legacy content. Dolby Atmos Height Virtualization Technology creates the sensation of overhead sound even without height speakers. You can also enjoy Dolby Atmos music tracks available from Apple Music, Amazon HD and TIDAL and a compatible streaming device.

**DTS:X**
DTS:X immersive audio content places sound where it would naturally occur in space, creating lifelike, multidimensional audio. DTS Neural:X upmixer offers improved immersion and heightened realism for legacy content. DTS Virtual:X provides immersive audio without height channels, creating virtual height effects in a 7.1, 5.1 or 2.1 speaker setup.

**IMAX Enhanced**
Get the most premium at-home entertainment experience with IMAX Enhanced—the latest technology from DTS that sets a new standard for home theater imaging, sound, scale, and clarity. See clearer pictures and brighter images. Feel immersive, heart-pounding audio and experience premium content digitally remastered by IMAX.

You can enjoy IMAX Enhanced experience starting from 5.1.4 speaker setup. IMAX Enhanced compatible TV or projector is required.

**Auro 3D**
Auro 3D elevates the home theater experience to amazing new levels by delivering the excitement of threedimensional sound for music, games, broadcast, and films, putting you in a cocoon of lifelike sound. Turn your existing audio-visual collection into an Auro 3D experience, thanks to the Auro-Matic upmixing engine. Supports up to 7.1.4 Auro 3D speaker configuration with an external 2 channel amplifier.

**360 Reality Audio**
360 Reality Audio is a new immersive audio experience that uses Sony’s 360 Spatial Sound technology. Individual Sounds such as vocals, chorus, piano, guitar, bass and even the sounds of the live audience can be placed in a 360 spherical sound field. With 360 Reality Audio, music has never been so immersive and so real. Sony’s 360 Spatial Sound technology. Individual Sounds such as vocals, chorus, piano, guitar, bass and even the sounds of the live audience can be placed in a 360 spherical sound field. With 360 Reality Audio, music has never been so immersive and so real.

Select Denon AV receivers are capable of 360 Reality Audio playback by connecting a 360RA streaming device via HDMI. Stay tuned for further updates!

**8K / HDR10+**
Enjoy pristine 8K picture quality on your 8K TV or projector. Supports HDR (High Dynamic Range), HLG (Hybrid Log Gamma), as well as Dynamic HDR and HDR10+ pass-through. HDR offers HDCP technology over broadcast content. Both Dynamic HDR and HDR10+ use dynamic metadata to optimize shadows and highlights as screens change.

**Dolby Vision**
Dolby Vision is a stunning HDR imaging technology that brings extraordinary color, contrast, and brightness to the screen. Compatible with Dolby Vision so you can enjoy Dolby Vision content from a compatible source device and TV.

**Next-generation gaming**
Supports Variable Refresh Rate (VRR), Quick-Frame Transport (QFT) and Auto Low Latency Mode (ALLM) for smooth, lagfree gaming experience when connected with the compatible gaming devices.

**HEOS Built-in**
With HEOS, your system can stream music wirelessly across compatible HEOS components from a variety of free and premium streaming services. Consumers can also enjoy their favorite music in any room of the home wirelessly. Play the same song in every room or select a different song for each connected room via a variety of streaming sources. Add Denon Home speakers to more rooms and control it all with the HEOS app.

**HDMI Connectivity with ARC/eARC**
Supports the latest technology on all HDMI inputs and output. ARC (Audio Return Channel) or eARC (Enhanced Audio Return Channel) makes playing TV audio through your AV receiver simple, with just a single HDMI connection.

eARC provides HD and 3D audio transmission such as Dolby TrueHD, DTS HD Master Audio and Dolby Atmos while ARC is limited to conventional 5.1-ch audio formats or PCM.

11-channel processing, 9-channel amplification
9-channel amplification does not mean you need to stop at max 11 channel speaker configuration. With external 2-channel amplification that can be assigned to either Front, Left, and Right, or a pair of height channels, you can setup an 11-channel speaker configuration such as 7.1.4, allowing you even more flexibility and an intriguing audio experience.

**Subwoofer outputs & settings**
Blanket yourself in evenly distributed, accurate bass. Featuring up to four subwoofer outputs to smooth out low frequencies and provide better dispersion. No audible peaks or dips – just powerful, roomfilling bass. Tweak your subwoofer settings to your preference.

**Audio**
Denon AV receivers use the Audyssey suite of EQ software for simple, accurate set-up and calibration. With the supplied Audyssey measuring microphone, Audyssey measures all the speakers in your home theater, and tunes the AV receiver to provide the smoothest, most optimal overall listening experience for your room. This AV receiver supports Audyssey MultiEQ room correction technology. The other supported Audyssey features are Dynamic EQ, and Dynamic Volume.

**Audyssey MultiEQ XT**
You can go even further with the Audyssey MultiEQ XT app, “going ‘under the hood’ to view and adjust settings for detailed tuning—allowing you to customize the sound more precisely to the specific problems in your room, and tailor the sound to your personal preferences. With this comprehensive app, you can harness the power of Audyssey MultiEQ XT to take total control of the way your home cinema sounds. The app is available for purchase in iOS and Google Play stores.

**Dual speaker preset memory**
Store two Speaker and Audyssey settings and switch between the two settings on the fly, giving you freedom to optimize your listening experience based on the content or listening environment. Settings also include Amp Assign, Speaker Config, Distances, Levels, Crossovers, Bass, Front Speaker, 2ch Playback, and Graphic EQ (when Audyssey is not used).

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### Technical Information

<table>
<thead>
<tr>
<th>Number of Power Amps</th>
<th>Power Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>105 watts per channel (8 ohm, 20kHz-2Khz, 0.88% 2ch drive)</td>
</tr>
<tr>
<td></td>
<td>135 watts per channel (6 ohm, 1khz, 0.7% 2ch drive)</td>
</tr>
<tr>
<td></td>
<td>215 watts per channel (6 ohm, 1khz, 18% 1ch drive)</td>
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### General

<table>
<thead>
<tr>
<th>System Remote Control</th>
<th>Power Consumption</th>
</tr>
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<tbody>
<tr>
<td>RC-1253</td>
<td>66W</td>
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### Power Consumption

<table>
<thead>
<tr>
<th>Power Consumption (No Sound)</th>
<th>Standby Consumption in W</th>
<th>CEC Standby Consumption in W</th>
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</thead>
<tbody>
<tr>
<td>60W/100W</td>
<td>0.1</td>
<td>0.5</td>
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</table>

### Maximum Dimensions (WxDxH)

<table>
<thead>
<tr>
<th>Antenna:Horizontal (in)</th>
<th>Antenna:Vertical (in) w/o Antenna: (in)</th>
<th>Weight (lbs)</th>
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</thead>
<tbody>
<tr>
<td>17.1 x 15.3 x 6.6</td>
<td>17.1 x 15.3 x 9.3</td>
<td>16.8</td>
</tr>
<tr>
<td>17.1 x 14.9 x 6.6</td>
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### Ports

<table>
<thead>
<tr>
<th>Video</th>
<th>Multi-Room Video Out: Video, HDMI, -, Yes</th>
</tr>
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<tbody>
<tr>
<td>HDMI In/Out</td>
<td>6/3</td>
</tr>
</tbody>
</table>

### Audio

<table>
<thead>
<tr>
<th>Analog In/Out</th>
<th>Phono (MM) In</th>
<th>Digital in: Optical/Coaxial</th>
<th>Multi-Room Out: Analog, Digital, 1,-</th>
<th>Multichannel Pre-Out</th>
<th>Subwoofer Out</th>
<th>Other</th>
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<tbody>
<tr>
<td>5/-</td>
<td>Yes</td>
<td>2/2</td>
<td>1,-</td>
<td>Yes (11.4)</td>
<td>4 (independent)</td>
<td>11</td>
</tr>
</tbody>
</table>

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