

DENON®



DENON AVR-S980H

AVR-S980H 7.2 Ch. 90W 4K/8K Dolby Atmos AV Receiver Powered by HEOS

The Denon AVR-S980H makes better TV sound simple. Power your speakers; connect TV, gaming, and streaming through one hub with 4K and 8K video support. The AVR-S980H grows with you: Start as simple as a 2-channel setup, expand to 5.1, grow into 7.2 surround—using the same AVR every step of the way. Extend music throughout your home with HEOS.

HIGHLIGHTS

YOUR BENEFITS

Transform your TV-watching experience

With the AVR-S980H powering your system, dialogue sounds clearer, effects feel more dynamic, and picture and sound come alive together.

Crystal clear dialogue and precise sound

Dialogue stays clear and details stand out with 90 watts of clean power delivering focused, controlled sound in every scene.

3D audio immersion

Lose yourself in breathtaking 360-degree sound with Dolby Atmos and DTS:X. Experience immersive audio that surrounds you from every direction, pulling you deeper into movies, music, and games.

Support for high-definition picture

Experience movies and shows with crisp 4K or 8K detail, enhanced color and contrast with Dolby Vision, and HD content upscaling optimized for modern displays.

Supercharge gaming with next-level sound and speed

Enjoy ultra-smooth 4K play, lightning-fast response, and 3D audio that moves with the action. Variable Refresh Rate, Auto Low Latency Mode, and AMD FreeSync keep gameplay fluid and responsive.

Legendary Denon sound

Engineered in Japan for stunning realism and meticulously tuned by the Denon Sound Master, the AVR-S980H delivers vivid, spacious sound that preserves every detail exactly as the creators intended.

Built to grow with you

Start simple and expand to a 7.1 or 5.1.2 Dolby Atmos speaker setup as your needs evolve. Connect components Powered by HEOS™ to create a whole-home sound system.

Your entertainment hub

Move from TV to gaming to streaming without hunting for inputs or remotes—everything just works the way it should.

SINCE 1910 | DEFINING AUDIO EXCELLENCE





Dolby Atmos

Bring a height element to the immersive 3D audio experience, or with virtualized Dolby Atmos, engage all speakers to create a 3D audio sensation from legacy content even without height speakers.

DTS:X

DTS:X immersive audio content places sound where it would naturally occur in space, creating lifelike, multi-dimensional audio. DTS Neural:X upmixer offers heightened realism for legacy content.

HDMI connectivity with ARC/eARC

Supports the latest HDMI technology on inputs and outputs. ARC (Audio Return Channel) and eARC (Enhanced ARC) make playing TV audio through your AV receiver simple using a single HDMI connection.

8K/HDCP 2.3

Enjoy pristine 8K picture quality on your 8K TV or projector. Supports both 8K pass-through and 8K upscaling of 4K content. Supports HDCP 2.3 for peace of mind when streaming copy-protected content.

HDR 10+

Supports HDR (High Dynamic Range), HLG (Hybrid Log Gamma), as well as Dynamic HDR and HDR10+ pass-through to optimize shadows and highlights. HLG offers HDR technology over broadcast content.

Dolby Vision

Enjoy Dolby Vision content from a compatible source device and TV. Dolby Vision is a stunning HDR imaging technology that brings extraordinary color, contrast, and brightness to the screen.

Powered by HEOS™

HEOS is an app-based system that controls your home audio experience. Stream from top services and play the same song in every room or select a different song for each connected room. Control it all with the HEOS app.

High-resolution audio support

High-resolution audio formats preserve greater detail, dynamic range, and tonal nuance than standard digital audio. Denon AVRs support playback of high-resolution audio files and streams, maintaining signal integrity through advanced digital processing and high-quality conversion to deliver playback that sounds more faithful to the original recording.

Denon Setup Assistant

The award-winning guided Denon Setup Assistant provides simple, clear instructions to get started. Just connect your AV receiver to your TV and follow the instructions on the TV screen. An intuitive web-based interface lets users set up their Denon easily via their TV, smartphone or laptop.

Audyssey MultEQ room correction

Customize your system's sound by optimizing it for the unique dimensions of your room, harnessing the power of Audyssey MultEQ.

Next-generation gaming

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

Multi-source, multi-zone

The Denon AVR-S980H supports two-source, two-zone audio. Enjoy surround sound in the main room and a different source in the second room, or play the main audio source everywhere for everyone in your home to enjoy.

Apple AirPlay 2

Stream audio or video from your favorite streaming services using your smart device. Hear audio perfectly synced to your speakers from AirPlay 2 sources. AirPlay 2 also supports multi-room audio.

Denon AVR Remote Control app

The Denon AVR Remote Control app allows you to turn the receiver on and off, select an input source, adjust volume, and browse music from your phone or on a connected USB drive.

Bluetooth streaming

Connect and play music wirelessly from your smartphone, tablet, or other compatible device.

70% Guarantee

As you add speakers, available power is shared across channels. Denon AVRs are designed to maintain consistent output as systems expand, guaranteed to deliver over 70% of rated power to up to five channels. The result is dependable performance across multi-speaker setups, so sound remains controlled, balanced, and engaging as your surround system grows.

Technical Information	
Number of Processing Channels	7.1
Subwoofer Out	2
Number of Power Amps	7
Power Output	90 watts per channel (8 ohm, 20Hz-20kHz, 0.08% 2ch Drive)
	125 watts per channel (6 ohm, 1kHz, 0.7% 2ch Drive)
70% Guarantee 5ch Driven	Yes
Multi-Source/ Multi-Zone	2
Other	
Auto Speaker Setup by Microphone	Audyssey MultEQ
Front Display	1-Line FLD
GUI Languages	3
General	
System Remote Control	RC-1263
Power Consumption in W	430
Power Consumption No-Sound (ECO on/off) in W	35W / 75W
Standby Consumption in W	0.1
CEC Standby Consumption in W	0.5
Network Standby Consumption in W	Less than 2.0
Maximum Dimensions	
Antenna:Horizontal: (W x D x H) in inches	17.1 x 13.4 x 6.6
Antenna:Vertical: (W x D x H) in inches	17.1 x 13.4 x 9.3
w/o Antenna: (W x D x H) in inches	17.1 x 13.0 x 6.6
Weight in lbs	21.0
Weight in lbs (Packaging)	25.4

Inputs/Outputs	
Video	
HDMI In/Out	6/2
Audio	
Analog In/Out	4/-
Phono (MM) In	Yes
Digital In: Optical, Coaxial	2, 1
Multichannel Pre-Out	Yes (0.2)
Subwoofer Out	2
Other	
Number of Speaker Terminals	7
Multi-Room Speaker Terminal	Assignable
AM/FM Tuner	Yes