

# DENON AVR-S950H

7.2CH HIGH-POWER 4K AV RECEIVER WITH DOLBY ATMOS AND VOICE CONTROL

## UPGRADE TO ADVANCED HOME THEATER

At 185W per channel, the 7.2 channel AVR-S950H supports the latest immersive 3D audio with Dolby Atmos, DTS:X, DTS Virtual:X and new Dolby Atmos Height Virtualization Technology. Watch movies and shows with enhanced picture clarity with support for full 4K Ultra HD video content as well as 4K upscaling. Connect up to eight media players via HDMI (8 inputs / 2 output). Enjoy Wi-Fi and Bluetooth music streaming with HEOS Built-in, or use your voice to control your music with Amazon Alexa, Apple AirPlay 2 or Google Assistant.

### HIGHLIGHTS

- High-performance discrete 7-channel amplifier
- Dolby Atmos and DTS:X
- Dolby Atmos Height Virtualization Technology and DTS Virtual:X
- 8 HDMI inputs with full HDCP 2.3 support, 2 outputs
- The latest picture/video technology available
- Award-winning Denon Setup Assistant
- Effortless Voice Control
- HEOS Built-in for multi-room music streaming

### YOUR BENEFITS

- Delivers maximum performance and 185W of power per channel
- Enjoy an immersive, three-dimensional audio experience
- Experience three-dimensional audio without the need for height speakers
- Connect up to eight of your favorite media devices with full 4K support, 4:4:4 color resolution and BT.2020
- 4K Ultra HD/60 Hz full-rate pass through, HDR10, Dolby Vision compatibility and Hybrid Log-Gamma (HLG)
- Onscreen assistant ensures an easy and intuitive setup experience
- Works with Amazon Alexa, Google Assistant or Apple Siri for hands-free control of your music
- Wirelessly stream your favorite music services including Spotify, Pandora and more

### DENON 100+ YEAR "LEGACY OF FIRSTS" IN AUDIO TECHNOLOGY



High-Performance Discrete 7-Channel Amplifier

Featuring discrete high-current power amplifiers on all channels, the AVR-S950H delivers maximum performance and 185W of power per channel (6 Ohm, 1kHz, 1ch driven, 10% THD). With low impedance driver capability, it offers operational stability with a wide range of speakers for balanced, quality sound. Plus, auto Eco Mode adjusts power output to speakers based on volume level and on-screen eco meter, providing power consumption reduction in real-time.

Advanced HDMI Video Section with eARC Support

Enjoy your favorite movies, shows and games with the best picture quality available. The AVR-S950H features eight HDMI inputs and two outputs — including one input on the front panel — that support full 4K Ultra HD, HDR10 (High Dynamic Range), BT.2020, Wide Color Gamut and 4:4:4 Pure Color sub-sampling. Dolby Vision compatibility and HLG (Hybrid Log-Gamma) provide exceptional brightness, contrast and color. HDCP 2.3 processing is available on all HDMI ports, and with two HDMI outputs, connecting a TV and projector in parallel is possible. Enhanced Audio Return Channel (eARC) support enables transmission of 3D audio directly from the TV to the AV receiver through the connected HDMI cable.

Built-in Bluetooth and Wi-Fi Connectivity

With Bluetooth and Wi-Fi wireless streaming connectivity, the Denon AVR-S950H is equipped with an advanced dual antenna transceiver system for robust streaming even in congested urban environments. Enjoy listening to your favorite audio content wirelessly from your smart devices.

Audyssey Suite of EQ Calibration Technology

Professional home theater audio tuning at your fingertips. The latest Denon audio/video products use the Audyssey suite of EQ software for simple, accurate set-up and calibration. With the supplied 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. Audyssey Dynamic Volume and Audyssey Dynamic EQ smooth out startling jumps in volume (such as TV commercials), letting you listen at lower levels and still enjoy clear dialogue, music, sound effects and precise tonal tailoring.

For the enthusiast, the Audyssey MultEQ Editor app lets you view speaker detection data to check the before-and-after results of the Audyssey calibration, making it easy to optimize individual room acoustics to personal taste.

Dolby Atmos, Dolby Atmos Height Virtualization Technology, DTS:X and DTS Virtual:X

Immerse yourself in multi-dimensional audio with Dolby Atmos, DTS:X, Dolby Atmos Height Virtualization Technology and DTS Virtual:X. Set up Dolby Atmos with a 5.1.2 surround sound speaker system using Dolby Atmos elevation speakers or dedicated overhead speakers for the ultimate home theater experience. 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 favorite movies. The included DTS Neural: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 provides immersive audio without height channels, creating virtual height effects in a 5.2, 7.2 or 2.2 speaker arrangement.

Works with Amazon Alexa

Control the AV receiver 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 free HEOS Home Entertainment Skill to enable Amazon Alexa voice commands for your AVR-S950H. Requires Alexa app and Amazon Echo, Dot or equivalent.

Easy Setup Experience

The included AVR-S950H Quick Start Guide provides simple, clear instructions for how to get started. Once you connect your TV to the AVR-S950H via HDMI, the exclusive Denon Setup Assistant appears on your TV screen to walk you through setup, step by step. The AVR-S950H automatically renames input source per HDMI info, and quick select offers one-push buttons for all zones. Color-coded speaker connections are laid out horizontally, making organizing and connecting speaker wires simple.

Smart TV Connectivity

Control the Denon AVR-S950H with your Smart TV remote via the HDMI CEC functionality associated with your Smart TV. Simply set “HDMI Control” to ON in your receiver, then set “Smart Menu” to ON and begin controlling the AVR-S950H with your TV remote. The Smart Menu home screen provides you quick access to source and surround mode selections, the AV receiver setup menu and four Smart Selects.

Quick Selects for User-Friendly Audio Tuning

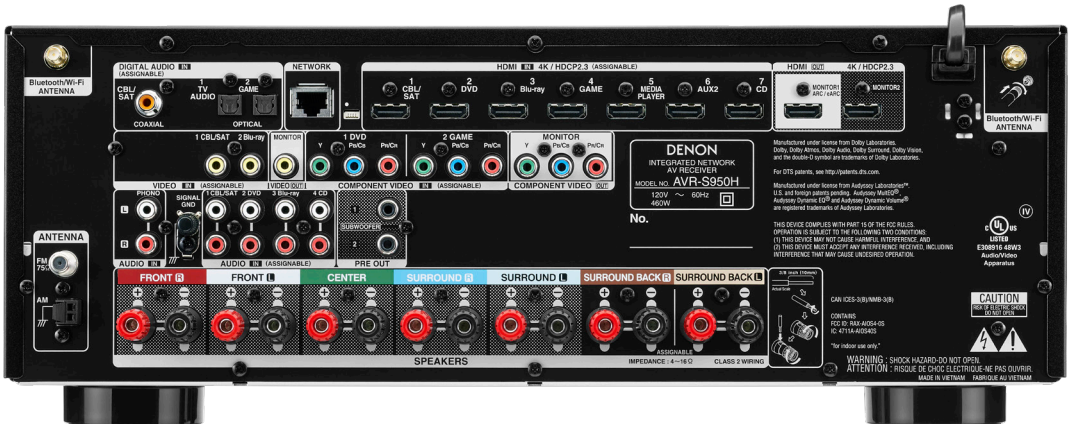
The Denon AVR-S950H front panel features four Quick Select buttons that store your preferred audio settings for each source. Switch between TV audio, Blu-ray, media players and more, and the AVR-S950H adjusts the EQ settings to your preferences for that media source. Use the buttons on the front panel or opt for the same Quick Selects on the AV receiver remote control for faster control. Now allows for one-push all zone stereo mode via Quick Select.

HEOS Built-in: Wireless Music 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. HEOS works with Amazon Alexa and Google Assistant, providing effortless voice control.

Front USB Port for High-Resolution Audio

Discover the incredible fidelity of high-resolution audio tracks with the ability to decode up to 24-bit/192-kHz ALAC, FLAC and WAV lossless files as well as DSD 2.8MHz and 5.6MHz tracks (the audiophile format of SACD) via the front panel USB port and network sources. Or, listen to other popular file types such as MP3 and MPEG-H. Whether you want to listen to your latest download or soak in the fidelity of audiophile-quality FLAC recordings, you have quick access to your favorite songs.



Technical information	
Number of Power Amps	7
Power Output	90W per channel (8ohms, 20Hz-20kHz, THD 0.08%, 2 ch driven)
	125W per channel (6 ohms, 1 kHz, THD 0.7%, 2 ch drive)
	185W per channel (6 ohms, 1 kHz, THD 10%, 1 ch driven)
Speaker Impedance	4 - 16Ω/ohms
Preamplifier Section	
Input sensitivity/impedance	200 mV
Frequency response	10 Hz - 100 kHz — +1, –3 dB (Direct mode)
S/N Ratio	100 dB (IHF-A weighted, Direct mode)

FM Section	
Tuning frequency range	87.5 - 107.9 MHz
AM Section	
Tuning frequency range	520 kHz – 1710 kHz
General	
Power supply	AC 120 V, 60 Hz
Power consumption	500 W (Standby 0.1 W, CEC standby 0.5W)
Power consumption No-sound	35W (ECO Mode On) 75W (ECO Mode Off)
Dimensions (W x H x D)	17.1" x 6.6" x 13.4" in
Weight	20.7 lbs
UPC AVRS950HBKE3 883795004862 Black	

Ports		
IN	HDMI (Front 1)	x 7 + 1
	Component (video)	x 2
	Composite (video)	x 2
	Phono	x 1
	Analog Audio	x 4
OUT	Digital Optical	x 2
	USB (front)	x 1
	HDMI Monitor	x 1
	Component (video)	x 1
	Audio Pre-out (SW)	2 ch
	Phones	x 1

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