



**DENON AVR-S940H** 7.2 CH. HIGH POWER 4K AV RECEIVER WITH AMAZON ALEXA VOICE CONTROL

**CUTTING-EDGE HOME THEATER**



Power your home theater with the most advanced receiver in the Denon S Series lineup. The AVR-S940H offers Dolby Atmos®, DTS:X™ and DTS Virtual:X®, plus the latest video technologies such as Dolby Vision™, HDR, HLG and 4K video upscaling. Stream popular music services like Spotify®, Pandora®, Tidal and more with built-in HEOS technology, and control the AVR with Amazon Alexa voice compatibility.

**HIGHLIGHTS**

- High-performance 7.2 channel AV receiver with 185W-power per channel
- Supports Dolby Atmos (5.2.2), DTS:X and DTS Virtual:X audio processing
- HDMI 8 inputs/ 2 outputs; HDCP 2.2 support on all HDMI ports
- 4K Ultra HD/60 Hz full-rate pass through, HDR, Dolby Vision compatibility and HLG
- Award-winning advanced Graphical User Interface and Denon AVR remote app
- Amazon Alexa voice control compatibility
- Smart TV connectivity via HDMI CEC
- Stream the most popular music services – Spotify, Pandora, TuneIn, Deezer and more
- Built-in HEOS wireless multi-room audio technology
- Front panel USB input

**YOUR BENEFITS**

- 7 powerful amplifiers for an immersive audio performance with Denon sound
- Enjoy an immersive, three-dimensional audio experience
- Connect up to eight of your favorite media devices and output to two displays
- Provides the greatest picture quality
- Easy out-of-the-box experience with Denon guided setup assistant
- Hands-free control of your AVR-S940H and wireless music services
- Control your AVR-S940H with your Television Remote Control
- Access to a wide array of unlimited online music sources
- Listen from any room of your home
- Convenient audio playback of MP3, WAV, FLAC, ALAC and DSD (2.8/5.6MHz) files

**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-S940H delivers maximum performance and 185 watts 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.

### Dolby Atmos, DTS:X and DTS Virtual:X

Immerse yourself in multi-dimensional audio with Dolby Atmos, DTS:X 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. DTS Virtual:X provides immersive audio without height channels, creating virtual height effects in a 5.1, 7.1 or 2.1 speaker arrangement.

### Amazon Alexa Voice Control

Control the AVR 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-S940H, HEOS devices and other select Denon products.

### Advanced HDMI Video Section

Enjoy your favorite movies, shows and games with the best picture quality available. The AVR-S940H features eight HDMI inputs and two outputs — including one input on the front panel — that support full 4K Ultra HD, HDR (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 2.2 processing is available on all HDMI ports, and with two HDMI outputs, connecting a TV and projector in parallel is possible.

### Easy Setup Experience

The included AVR-S940H Quick Start Guide provides simple, clear instructions for how to get started. Once you connect your TV to the AVR-S940H 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.

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

The heart of your wireless network. With Bluetooth and Wi-Fi wireless streaming connectivity, the Denon AVR-S940H 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.

### HEOS Multi-Room Streaming

Enjoy your favorite music in any room of your home wirelessly with built-in HEOS 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 providing cutting-edge voice control and incredible sound for all your home entertainment.

### Quick Selects for User-Friendly Audio Tuning

The Denon AVR-S940H front panel features four Quick Select buttons that store your preferred audio settings for each source. Switch between television, Blu-Ray, pre-amplifiers and more, and the AVR-S940H 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 AVR remote for faster control.

### Smart TV Connectivity

Control the Denon AVR-S940H 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-S940H with your TV remote. The Smart Menu home screen provides you quick access to source and surround mode selections, the AVR’s setup menu and four Smart Selects.

### 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. 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.

### Denon AVR Remote App for Seamless Control

Better control in your back pocket. The Denon AVR Remote app for iOS and Android makes using the AVR-S940H even easier — adjust volume, turn it on or off, mute the music, select a source or switch to HEOS. Download the Denon AVR Remote app to your smartphone today.

### Audyssey Suite of EQ Calibration Technology

The latest Denon audio video products use the Audyssey suite of EQ products for simple, accurate set-up and calibration and an “under the hood” view for detailed tuning. With the supplied measuring microphone, Audyssey measures all the speakers in your home theater during setup, and then provides the smoothest most optimal overall listening experience. Audyssey Dynamic Volume and Audyssey Dynamic EQ smooths out annoying jumps in volume (such as TV commercials), letting you listen at lower levels and still enjoy clear dialogue, music and sound effects and precision tonal tailoring for full range clarity at any listening level. The Audyssey MultEQ Editor app lets you view speaker detection results, to check correct installation and the Before-and-after results of the Audyssey calibration, making it easy to identify room problems.

### 100+ Years of Firsts in Audio Technology

Founded in 1910, Denon has a deep heritage of “firsts” in audio technology — from Japan’s first audio electronics manufacturer, to producing the world’s first commercial CDs. This focused investment in audio R&D ensures you get the latest technology and highest quality with every listening experience.



Technical information	
Number of power amps	7
Power output	185W (6 ohm, 1 kHz, 10%, 1ch Drive) 125W (6 ohm, 1 kHz, THD 0.7%, 2ch Drive)
	90W (8 ohm, 20 Hz - 20 kHz, 0.08%, 2ch Drive)
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	460 W (Standby 0.1 W, CEC standby 0.5 W)
Power consumption No-Sound	35 W (ECO Mode on), 75 W (ECO Mode off)
Dimensions (W x H x D)	17.1" x 6.6" x 13.3" in
Weight	20.7 lbs
UPC	AVRS940HBKE3 883795004473 Black

Ports		
IN	HDMI (Front 1)	x 8
	Component (video)	x 2
	Composite (video)	x 2
	Phono	x 1
	Analog Audio	x 4
	Digital Optical / Coaxial	x 2 / x 1
	USB (front)	x 1
OUT	HDMI Monitor / Zone 2	x 2 / -
	Component (video)	x 1
	Composite (video)	x 1
	Audio Pre-out (SW)	2 ch
	Zone 2 / Zone 3 Pre-out	- / -
	Phones	x 1
	RS232 / 12 V Trigger out	0 / 0

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\* All specs can be subject to change