

DENON®

Product Information

# AVR-S910W



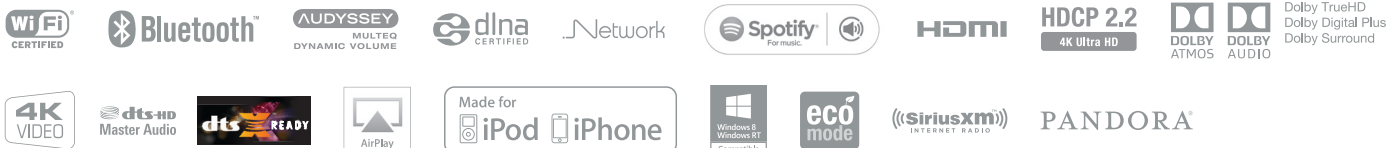
AVR-S910W

7.2CH NETWORK A/V RECEIVER

## 3D SURROUND SOUND, BUILT-IN BLUETOOTH® AND WI-FI, AND HDCP 2.2-CAPABLE 4K ULTRA HD ADVANCED VIDEO PROCESSING

Discover a thrilling new dimension in home theater surround sound with the AVR-S910W 7.2 channel A/V receiver, one of the very first to incorporate both Dolby Atmos® and DTS:X surround decoding, delivering breathtaking surround sound with today's advanced movie and music soundtracks. With Dolby Atmos and DTS:X, you'll experience the same revolutionary 3D surround sound found in premium movie theaters, with the ability to create an overhead surround field that dramatically expands the sonic space. DTS:X will be enabled through an online firmware update coming in the fall of 2015.

Prepared for the future, the AVR-S910W features an advanced video processing and signal handling system, including the latest HDMI 2.0a specification which provides for 4K Ultra HD full rate 60 Hz content, 4:4:4 Pure Color sub-sampling and 21:9 aspect ratio pass-through. It's also HDCP 2.2 compliant, which is a requirement for 4K Ultra HD copy-protected content. Full wireless connectivity is provided by both Wi-Fi and Bluetooth, with dual antennas that deliver robust signal transmission and reception. Stream your favorite audio tracks wirelessly to the AVR-S910W, and enjoy easy control via our available iOS, Android™ and Kindle™ apps.



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Built-in Bluetooth, Wi-Fi, AirPlay® and DLNA®

Featuring Bluetooth & Wi-Fi wireless streaming connectivity, the AVR-S910W is equipped with an advanced dual antenna RF transceiver system, for robust and error-free streaming even in congested urban environments. Connect to the internet through your home Wi-Fi network (or with a hard-wired connection via the RJ-45 Ethernet LAN port) and enjoy your favorite tracks from streaming music services such as Pandora®, Spotify Connect® and SiriusXM™. You can also choose from thousands of internet radio stations around the world, and enjoy music from virtually every genre. With AirPlay, you can enjoy listing to your favorite tracks wirelessly from your favorite iOS device, including the iPod touch®, iPhone® and iPad®, and the AVR-S910W is also DLNA 1.5 certified for compatibility with your home PC or Mac. Our Denon Remote App lets you easily control the AVR-S910W with your favorite portable device, and is available for Apple® and Android™ devices as well as the Kindle Fire™.

8 HDMI Inputs, Dual HDMI Outputs

Featuring 8 HDMI inputs, including 1 conveniently located on the front panel, along with dual HDMI outputs, the AVR-S910W incorporates an advanced video section that features the latest HDMI 2.0a specifications, including support for 4K Ultra HD 60 Hz full rate video, 4:4:4 Pure Color sub-sampling and 21:9 video pass-through, along with support for 3D content. The AVR-S910W also features HDCP 2.2 compatibility, a requirement for 4K Ultra HD copy-protected content. In addition to handling 4K Ultra HD 3840x2160 resolution, the AVR-S910W also features HDR (High Dynamic Range) and Wide Color Gamut compatibility, key components of the BT.2020 4K Ultra HD video specification.

KEY FEATURES [NEW]

- 7.2ch platform
- 185W maximum power output per channel
- 4K/60Hz full-rate pass-through
- Full HDCP 2.2 support
- Advanced Video Processing with 4k upscaling
- Networking: AirPlay, Android push playback, Internet Radio, Pandora, Spotify Connect, SiriusXM, DSD playback, DLNA 1.5
- Audyssey MultEQ setup with MIC stand included in the box / Dynamic EQ & Volume
- Dolby Atmos (5.1.2)
- DTS:X ready (Requires firmware update when available)

Advanced Video Processing Section

The advanced video processing section features the ability to upscale SD and HD content to 4K Ultra HD. And, the AVR-S910W also features analog video to HDMI upconversion along with 2 analog component video inputs for full compatibility with legacy SD and HD source devices that don't have HDMI outputs, letting you run just 1 HDMI cable to your TV.

Powerful 7 Channel Discrete Amplifier with Eco Mode

Featuring high current discrete power output devices, the AVR-S910W delivers high power and is rated at a maximum of 185 watts per channel. There's also an Auto Eco mode that adjusts the maximum power available according to the volume level, as well as an on-screen Eco meter that lets you see the power consumption reduction in real time. Our new Eco Mode provides the ability to reduce overall power consumption and features an on-screen Eco Meter that lets you see the power consumption reduction effect.

Audyssey Bronze Built-in

Denon was the first A/V manufacturer to embrace Audyssey's advanced DSP audio processing, and the AVR-S910W features the Audyssey Bronze suite of powerful DSP features, including MultEQ room acoustic measurement and DSP correction. Via the supplied measuring microphone and mic stand, Audyssey MultEQ measures all the speakers in your home theater during setup, including the subwoofer, and then generates multiple high precision DSP room acoustic correction filters, which together provide smoothest and most natural tonal balance, regardless of the brand or model of the various speakers. Audyssey Dynamic Volume features advanced psycho-acoustic processing to deliver

clear dialog and wide range sound at reduced volume levels so that you can enjoy theater-level clarity at whatever listening level you choose. Audyssey Dynamic EQ also features advanced DSP processing to deliver full range wide-band response, even at reduced volume levels.

Multi-Room Listening

You can configure the AVR-S910W for a 7 channel home theater surround system, or you can choose to have a 5 channel surround system in the main room, with 2 of the amplifier channels dedicated to drive separate stereo speakers in another room. Enjoy a surround sound movie in one room, while others can enjoy stereo sound from a different source in a second room, at the same time.

Advanced Quad-Core 32-bit DSP Processor

Featuring an advanced quad-core 32-bit DSP processor, the AVR-S910W easily handles multi-thread processing tasks, including Dolby Atmos and DTS:X decoding, Audyssey room acoustic correction, bass management and DSP surround simulation. The processor features tremendous processing throughput, with 4 300-MHz DSP cores that deliver over 1 billion computations per second.

Denon HEOS™ Link IP Control

Denon's renowned HEOS whole home audio system features advanced multi-room, multi-source audio streaming, and the AVR-S910W features IP control capability with the HEOS Link, so you can control the receiver with the HEOS app.



EASE-OF-USE

- ECO mode
- Setup assistant with icon-based GUI
- Horizontal layout speaker terminals with color labeling
- Speaker cable labels supplied
- Larger character display
- 4 Quick Select buttons and RC buttons - can be used to store favorite sources, internet radio stations and preferred settings
- Sleep Timer, set up to 120 minutes in 10-minute increments
- Standby HDMI pass-through
- Simple Remote handset
- Quick start guide and online manual
- Android and iOS remote apps available

Technical information				
Number of power amps	7			
	Power output	185 watts per channel	Preamplifier section	Input sensitivity/impedance 200 mV / 47 kohms Frequency response 10 Hz - 100 kHz — +1, -3 dB (DIRECT mode) S/N Ratio 100 dB (IHF-A weighted, DIRECT mode)
		Maximum Power Output Per Channel		
		125 watts per channel (6 ohms, 1 kHz, THD 0.7%, 2ch driven)		
	90 watts per channel (8 ohms, 20Hz - 20 kHz, THD 0.08%, 2ch driven)	FM section	Tuning frequency range	87.5 - 107.9 MHz
Output connectors	4 - 16 ohms	AM section	Tuning frequency range	520 - 1710 kHz
		General	Power supply	AC 120 V, 60 Hz
			Power consumption	460 W (Standby 0.1 W, CEC standby 0.5 W)
Dimensions (W x H x D)	17.1" x 6.6"x 13.3"			
		Weight	20.7 lbs	

Ports		
IN	HDMI (Front 1)	x 8
	Component	x 2
	Composite (video)	x 2
	Analogue Audio	x 4
	Digital Optical	x 2
	Digital Coaxial	x 1
OUT	HDMI Monitor	x 2
	Audio Preout (SW)	0.2 ch
	Component Monitor	x 1
	Phones	x 1
OTHER	Ethernet	x 1
	USB Port	x 1
	Microphone Port	x 1
	FM Tuner Antenna	x 1
	AM Tuner Antenna	x 1