

DENON®

Product Information

# AVR-S720W



AVR-S720W

7.2CH NETWORK A/V RECEIVER

## 3D SURROUND SOUND, BUILT-IN BLUETOOTH® AND WI-FI, AND HDCP 2.2-CAPABLE 4K ULTRA HD/60HZ VIDEO

Featuring high performance and high value the AVR-S720W 7.2 channel A/V receiver delivers sensational surround sound and it supports the latest high resolution audio and video formats. Equipped with Dolby Atmos surround sound decoding, the AVR-S720W lets you enjoy the latest Hollywood blockbuster soundtracks in incredibly immersive surround sound. Via a future firmware update the AVR-S720W is also able to decode the newest DTS:X soundtracks that also deliver an immersive 3-dimensional soundspace. Prepared for the future, the AVR-S720W features an advanced video processing and signal handling

system including the latest HDMI 2.0a specification that's compatible with 4K Ultra HD BT.2020 full rate 60 Hz content, HDR (High Dynamic Range), 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-S920W, and enjoy easy control via our Denon 2016 AVR remote app available for iOS, Android™ and Kindle Fire™.



Dolby TrueHD  
Dolby Digital Plus  
Dolby Surround



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### Full Specification 4K Ultra HD Compatibility with HDCP 2.2

Featuring 6 HDMI inputs, including 1 conveniently located on the front panel, the AVR-S720W 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-S720W also features HDCP 2.2 compatibility, a requirement for 4K Ultra HD copy-protected content.

In addition to handling 4K Ultra HD 3840 x 2160 resolution, the AVR-S720W also features HDR (High Dynamic Range) and Wide Color Gamut compatibility, key components of the BT.2020 4K Ultra HD video specification.

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

Featuring Bluetooth & Wi-Fi wireless streaming connectivity, the AVR-S720W 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 listening to your favorite tracks wirelessly from your portable iOS device, including iPhone®, iPod touch®, and iPad®. DLNA® 1.5 certification lets you connect to your PC or Mac via your home network wirelessly for additional streaming capabilities.

### Denon 2016 AVR Remote App

Our brand new app for iOS, Android, and Kindle Fire will give you an unprecedented level of command and control over your network-ready Denon AV Receivers\*. Most remarkably, the clever Queue management now makes it possible to browse your music library while listening to your favorite songs. Selected tracks (one or a whole album) can set to "Play Now", "Play Next" or "Add

### KEY FEATURES [NEW]

- 7.2ch platform
- 165W (maximum power output per channel)
- 4K/60Hz full-rate pass-through
- HDR (High Dynamic Range)
- Full HDCP 2.2 support
- Built-in Wi-Fi and Bluetooth
- Networking: AirPlay, Android push playback, Internet Radio, Pandora, Spotify Connect, SiriusXM, DLNA 1.5
- Audyssey MultEQ setup with MIC stand included in the box / Dynamic EQ & Volume
- Dolby Atmos (5.1.2)
- DTS:X ready (via future firmware update)
- 2016 Denon Remote App

to end of the Queue" and even more options are available. After a listening session the Queue can get edited and even saved as a playlist for later playback. And all of this on the fly.

Along with many new features, the graphics and user interface have been completely overhauled. The new app gives you full control of the AVR as well as access to its setup menu for detailed adjustments from your phones or tablets. Denon 2016 AVR Remote also gives you quick access to the receiver's status display, option menus, Denon Blu-ray player control, and online owner's manual for your convenience.

### High Resolution Audio Decoding

Enjoy superb audio fidelity with your favorite high resolution audio tracks. The AVR-S720W features high resolution decoding with multiple lossless file types including WAV, ALAC, FLAC and AIFF along with compatibility for 2.8/5.6-MHz DSD files (DSD is the high resolution audio coding format of SACD).

### Easy To Setup, Easy To Use

Denon's exclusive Setup Assistant, along with our Quick Start guide, will have your system properly connected and configured quickly and easily, so you can start enjoying superb home theater surround sound with a minimum of fuss and bother. The Setup Assistant features clear on-screen graphics and text that quickly and easily guide you through the setup process, optimizing critical system settings for the best possible sound quality.

### Convenient Front Panel USB Port

Connect your Apple iPod, iPod touch or iPad to the AVR-S720W via the convenient front panel USB port and listen to your favorite music tracks while charging your device at the same time.

### Powerful 7 Channel Discrete Amplifier with Eco Mode

Featuring high current discrete power output devices, the AVR-S720W delivers high power and is rated at a maximum of 165 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

### STATE-OF-THE-ART DENON SOLUTIONS FOR MAXIMIZING CONTENT QUALITY

- Upgraded sound design
- HDMI : Front 1in, Rear 5in/1out
- Digital audio inputs: 2 Opt /1 Coax
- Audio: 2in, Video: CVBS 2in/1out
- Front panel USB input with iPod digital direct
- AM/FM Radio
- 2-zone/2-source via variable Amplified zone



### Technical information

|                      |  |                             |  |
|----------------------|--|-----------------------------|--|
| Number of power amps | 7  | <b>Preamplifier section</b> |  |
| Power output         | 165 watts per channel<br>Maximum Power Output Per Channel              | Input sensitivity/impedance | 200 mV / 47 kohms                            |
|                      | 110 watts per channel<br>(6 ohms, 1 kHz, THD 0.7%, 2ch driven)         | Frequency response          | 10 Hz - 100 kHz — +1, -3 dB<br>(DIRECT mode) |
|                      | 75 watts per channel<br>(8 ohms, 20Hz - 20 kHz, THD 0.08%, 2ch driven) | S/N Ratio                   | 98 dB (IHF-A weighted, DIRECT mode)          |
| Output connectors    | 4 - 16 ohms  | <b>FM section</b>           |  |
|                      |  | Tuning frequency range      | 87.5 - 107.9 MHz                             |
|                      |  | <b>AM section</b>           |  |
|                      |  | Tuning frequency range      | 520 - 1710 kHz                               |
|                      |  | <b>General</b>              |  |
|                      |  | Power supply                | AC 120 V, 60 Hz                              |
|                      |  | Power consumption           | 400 W (Standby 0.1 W, CEC standby 0.5 W)     |
|                      |  | Dimensions (W x H x D)      | 17.1" x 5.9"x 13.3"                          |
|                      |  | Weight                      | 18.7 lbs                                     |

[V01]

power consumption reduction in real time.

For compatibility with the widest range of loudspeakers the AVR-S720W is equipped with low impedance drive capability that provides operational stability with 4 ohm speakers.

### Denon HEOS™ Link IP Control

Denon's renowned HEOS whole home audio system features advanced multi-room, multi-source audio streaming, and the AVR-S720W features IP control capability with the HEOS Link, so you can control the receiver with the HEOS app.

### Audyssey Bronze Built-in

Denon was the first A/V manufacturer to embrace Audyssey's advanced DSP audio processing, and the AVR-S720W features the Audyssey Bronze suite of powerful DSP features, including MultEQ room acoustic measurement and DSP correction. Via the supplied measuring microphone, 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-S720W 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.

### 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
- Smart TV connectivity
- Quick start guide and online manual
- Android, Kindle Fire and iOS remote apps available

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\* All specs can be subject to change  
\* Available only in Black

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### Ports

|              |                   |        |
|--------------|-------------------|--------|
| <b>IN</b>    | HDMI (front 1)    | x 6    |
|              | Composite (video) | x 2    |
|              | Analog Audio      | x 2    |
|              | Digital Optical   | x 2    |
|              | Digital Coaxial   | x 1    |
| <b>OUT</b>   | HDMI Monitor      | x 1    |
|              | Composite Monitor | x 1    |
|              | Audio Preout (SW) | 0.2 ch |
|              | Phones            | x 1    |
| <b>OTHER</b> | Ethernet          | x 1    |
|              | USB Port          | x 1    |
|              | Microphone Port   | x 1    |
|              | FM Tuner Antenna  | x 1    |
|              | AM Tuner Antenna  | x 1    |

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