

# AVR-X2100W

7CH INTEGRATED  
NETWORK RECEIVER

# DENON®



## BLUETOOTH®, WI-FI AND ADVANCED VIDEO PROCESSING WITH 4K ULTRA HD 60 HZ PASS-THROUGH

The AVR-X2100W 7.2 Network AV Receiver delivers the latest Denon surround sound technology at an affordable price – but that doesn't mean compromising on sound quality. With its 7 discrete output stages each providing 150 watts of clean power, the AVR-X2100W creates stunning cinema sound and detailed music playback. Built-in Wi-Fi enables you to hook-up to your home network quickly, and Bluetooth® makes wireless playback from compatible portable devices really easy. You can also listen to a vast range of internet radio stations, as well as enjoying music from Spotify via the latest

Spotify Connect scheme (subscriptions required). Equipped with a powerful video processor section, the AVR-X2100W features the ability to upconvert and transcode standard definition and high definition video sources to full HD 1080p resolution, and even includes the ability to handle next-generation 4K Ultra HD 60 Hz sources and displays, for the ultimate viewing experience. It's also equipped to handle 4:4:4 Pure Color sub-sampled content for the sharpest colour resolution. An extensive array of inputs, outputs and control options make the AVR-X2100W a truly versatile AV control centre.

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

Stream your favorite tracks wirelessly to the AVR-X2100W directly from your Bluetooth-enabled portable devices, such as a smartphone, portable media player and tablet. The AVR-X2100W can recognize and remember up to 8 Bluetooth portable devices, so your family and friends can enjoy their favorite tracks. With the built-in Wi-Fi feature, you can connect the AVR-X2100W to your home network wirelessly and open up a whole new world of content streaming functions, including thousands of internet radio stations as well as the ability to stream subscription service Spotify via very latest Spotify Connect scheme. With AirPlay, you can wirelessly stream your favorite audio tracks directly from your iOS device, including the iPod, iPod touch and Pad. DLNA 1.5 certification lets you enjoy streaming content via your PC, Mac or Android device. Via our Denon Remote App, you can wirelessly control the AVR-X2100W from your favorite portable device. The Denon Remote App is available in iOS and Android versions, and is also available for the Kindle Fire.

8 HDMI Inputs, Dual HDMI Outputs

Equipped with no less than 8 HDMI inputs, the AVR-X2100W features 7 HDMI inputs on the rear panel, along with another HDMI input on the front panel that lets you conveniently connect your favorite game console, HDTV camcorder or other HDMI device. The dual HDMI outputs let you drive two separate HDMI-equipped displays at the same time.

NEW FEATURES

- Built in WiFi with dual antenna
- Built in Bluetooth
- Latest HDMI standard with 4K Ultra HD 60 Hz Pass-through and 4:4:4 colour resolution
- 8 HDMI inputs (incl. 1 front)
- Dual HDMI output
- ISF certification
- DSD streaming
- AIFF streaming
- Spotify Connect\*
- Upgraded sound design over 2013 model
- ECO mode with off/on/auto setting

\* Not available in all countries



Technical information			
Number of power amps	7 (Front L/R, Center, Surround L/R, Surround Back L/R)		
Power output	150 watts per channel (6 ohms, 1 kHz, THD 1%, 1ch driven)		
	125 watts per channel (6 ohms, 1 kHz, THD 0.7%, 2ch driven)		
	95 watts per channel (8 ohms, 20Hz - 20 kHz, THD 0.08%, 2ch driven)		
Output connectors	4 - 16 ohms		
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)
FM section		Tuning frequency range	87.5 - 108 MHz
FM section		Tuning frequency range	522 kHz – 1611 kHz
General		Power supply	AC 230 V, 50 Hz
		Power consumption	500 W (Standby 0.1 W, CEC standby 0.5 W)
		Power consumption No-Sound	35 W (ECO on), 75 W (ECO off)
		Dimensions (W x H x D)	434 x 167 x 339 mm
		Weight	9.7 kg

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Powerful 7 Channel Discrete Amplifier with Eco Mode

With each channel rated at a maximum power of 150 watts, the AVR-X2100W features a power amplifier design that incorporates multiple high current discrete output devices, with identical circuit topology on all 7 channels. 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. The Auto Eco mode automatically switches between normal and Eco modes, depending on the volume level chosen, and the power amplifier block is rated to drive low impedance speaker loads, down to 4 ohms, for compatibility and stability with virtually any loudspeaker model.

Audyssey MultEQ XT Built-in

The AVR-X2100W features the Audyssey Silver family of DSP technologies, which includes MultEQ room acoustic measurement and correction. Via the supplied measuring microphone, the MultEQ system first measures actual in-room response from all the speakers, including the subwoofer, and then quickly generates multiple precision digital filters that ensure the smoothest possible response. And the step-up MultEQ XT technology provides for more measurement points (up to 8 positions) and generates higher accuracy digital filters.

STATE-OF-THE-ART DENON SOLUTIONS FOR MAXIMISING CONTENT QUALITY

- Fully discrete, identical quality and power for all 7 channels (150 watts per channel)
- Dolby TrueHD, dts-HD Master Audio and Dolby Pro Logic IIz
- High-performance 192kHz/24-bit D/A converters for all channels
- Digitally transmitted Play function for iPod and iPhone (via USB) for best sound quality
- Support 4K video to enjoy 4 times higher resolution videos than current HD on larger displays and screens.
- Optimised Bass redirection, for powerful bass performance in configurations without subwoofer

Multi-Room Listening

Thanks to the AVR-X2100W's flexible Amp Assign function, you can choose to power a 5.1 channel home theater surround system, and dedicate the 2 additional amp channels to deliver stereo sound to a pair of speakers in another room. Watch a surround sound movie in the main room with the ability to have a separate stereo source playing in a second room.

Dual Subwoofer Outputs

Depending on the location of the subwoofer in a listening room relative to the listening position, the deep bass quality can be marred by in-room resonances that negatively affect bass quality, with peaks and dips that together produce boomy bass and muddy bass detail. Equipped with dual subwoofer outputs, the AVR-X2100W lets you use two subwoofers, placed in different locations in the listening room. By having two subs in different locations in the room, the bass quality can very often be significantly better due to response averaging, with smoother, deeper bass free of annoying peaks and dips.

EASE-OF-USE AND OTHER FEATURES

- Setup Assistant, providing easy-to-follow setup instructions with Graphical User Interface
- Horizontal colour-coded layout of speaker terminals for easy connection
- Label sheet for marking Speaker Wires & HDMI Cables
- Audyssey Dynamic Volume®, for real-time volume adjustment
- Audyssey DynamicEQ, improves surround effects during low volume levels
- Audyssey MultEQ XT, automatically sets the speakers to suit the room's listening environment and the speakers' characteristics
- Comes with simple, easy-to-use remote control handset
- Denon Remote App for iOS and Android
- 4 Quick Select buttons and RC buttons - can be used to store favourite sources, internet radio stations and preferred settings
- Sleep Timer, set up to 120 minutes in 10-minute increments
- Standby HDMI Pass through
- 2nd Zone Multiroom-Multisource

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

EAN	AVRX2100WBKE2	4951035053614
Ports		
IN	HDMI (Front 1)	x 8
	Component	x 1
	Composite (video)	x 2
	Analogue Audio	x 4
	Digital Optical	x 2
OUT	HDMI Monitor	x 2
	Zone2 Preout	2.0 ch
	Audio Preout (SW)	0.2 ch
	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