

PRODUCT INFORMATION

AVR-X4100W

7CH INTEGRATED
NETWORK RECEIVER

DENON®



Network



AL24 Processing Plus



PANDORA

TRUE VERSATILITY WITH BLUETOOTH®, WI-FI AND BREATHTAKING DOLBY ATMOS®

Meet this passionately designed component with Wi-Fi dual antenna and Bluetooth built in. Enjoy Dolby Atmos for immaculate audio, Spotify Connect® support and DSD streaming. All 8 HDMI inputs are capable of handling 4k 60Hz pass through. And the AVR-X4100W also counts 4k 60Hz scaling and 1080p upscaling to its qualities. The powerful 7 channel amplifier section features

identical power amp design on all channels along with high current discrete power output devices. 9.2 processing and a 13.2 pre-out stage care for maximum versatility. At the same time, our new Eco amplifier mode automatically adjusts power output based on volume level, and an on-screen Eco meter lets you see the power consumption savings in real time.

usa.denon.com

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

Stream your favorite tracks wirelessly to the AVR-X4100W directly from your Bluetooth-enabled portable devices, such as a smartphone, portable media player and tablet. The AVR-X4100W 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-X4100W 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 Connect, Pandora®, and SiriusXM™. With AirPlay®, you can wirelessly stream your favorite audio tracks directly from your iOS® device, including the iPod®, iPod touch® and iPad®. 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-X4100W from your favorite portable device. The Denon Remote App is available in iOS and Android versions, and is also available for the Kindle Fire™.

Equipped with 7+1 input and 2+1 output HDMI terminals that fully support next-generation 4K displays

Eight systems are provided for the 4K video signal supporting HDMI input. One of these systems is located at the front so that you can easily enjoy video from a movie camcorder, game console, or smart phone. The HDMI output has a new terminal for zone output in addition to 2 systems capable of simultaneous output to allow the HDMI input video and audio to be output to a sub-zone.

NEW FEATURES

- Built-in Wi-Fi with dual antenna
- Built-in Bluetooth
- Latest HDMI standard with 4K Ultra HD Scaling up to 60Hz and 4:4:4 color resolution
- Dolby Atmos (5.1.2, 5.1.4*, 7.1.2*)
- 8 HDMI inputs (incl. 1 front)
- Three HDMI outputs (2 main + zone out)
- iSF certification
- DSD streaming
- AIFF streaming
- Spotify Connect, Pandora, SiriusXM (where available)
- Upgraded sound design over 2013 model
- ECO mode with off/on/auto setting

* with additional power amplifier



Technical information			
Number of power amps	7 (Front L/R, Center, Surround L/R, Surround Back L/R)	Preamplifier section	
Power output	235 watts per channel	Input sensitivity/impedance	200 mV / 47 kohms
	Maximum Power Output Per Channel	Frequency response	10 Hz - 100 kHz — +1, -3 dB (DIRECT mode)
	165 watts per channel (6 ohms, 1 kHz, THD 0.7%, 2ch driven)	S/N Ratio	100 dB (IHF-A weighted, DIRECT mode)
Speaker impedance	125 watts per channel (8 ohms, 20Hz - 20 kHz, THD 0.08%, 2ch driven)	FM section	
		Tuning frequency range	87.5 - 108 MHz
		AM section	
		Tuning frequency range	522 kHz - 1611 kHz
		General	
		Power supply	AC 120 V, 60 Hz
		Power consumption	670 W (Standby 0.1 W, CEC standby 0.5 W)
		Power consumption No-Sound	55 W (ECO on), 85 W (ECO off)
		Dimensions (W x H x D)	17.09 x 6.57 x 14.92 in.
		Weight	27.73 lbs.

Powerful 7 Channel Discrete Amplifier with Eco Mode

With each channel rated at 125 watts (8 ohms, 20Hz - 20 kHz, THD 0.08%, 2ch driven), the AVR-X4100W 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 XT32/Sub EQ HT/LFC

It is the most accurate room correction solution with more than ten thousand individual control points allowing finer details of the room's problems to be captured and corrected. The ultra high resolution filters are applied to all channels including the two independent subwoofers, with the most obvious benefit being heard in the low frequency range where correction is needed the most. Audyssey LFC uses psychoacoustic algorithms to prevent bass from passing your walls and disturbing your neighbours while maintaining the bass performance in the listening room. The AVR-X4100W is also Audyssey Pro ready for the most advanced professional room correction.

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

- Fully discrete, identical quality and power for all 7 channels (125 watts per channel (8 ohms, 20Hz - 20 kHz, THD 0.08%, 2ch driven))
- Dynamic Discrete Surround Circuit, D.D.S.C-HD with AL24 Processing Plus, Denon Link HD
- Dolby Atmos, Dolby TrueHD and dts-HD Master Audio
- High-performance 192kHz/24-bit D/A converters for all channels
- Audyssey DSX and DTS X9.1 for the ultimate surround experience
- 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.
- Audyssey MultEQ XT32 and Sub EQ HT for higher resolution room correction
- Audyssey LFC for best late-night bass experience without disturbing neighbors

Dolby Atmos

With Dolby Atmos, sound comes alive from all directions, including overhead, to fill the home theater with astonishing clarity, power, detail, and depth. The AVR-X4100W has the processing power to run a more enveloping, Audyssey MultEQ XT32 calibrated 7 or 9 channel Dolby Atmos layout using 5.1.2, 5.1.4* or 7.1.2* configurations utilizing ceiling mounted, or Dolby Atmos-enabled speakers. A 5.1.2 speaker configuration is based upon a traditional 5.1 speaker layout complemented by 2 overhead or Dolby Atmos-enabled speakers. A 5.1.4 configuration is based on a 5.1 speaker layout with 4 overhead, or Dolby Atmos-enabled speakers. A 7.1.2 configuration is based on a 7.1 speaker layout with 2 overhead, or Dolby Atmos-enabled speakers.

* with additional power amplifier

Multi-room / Multi-source

The AVR-X4100W lets you enjoy a program source in the Main Zone (the room where the AVR-X4100W is located) and in Zone 2 and Zone 3. The source can be the same for all zones, or you can enjoy different sources in those zones if you prefer. The sources for the zones can be either analog or 2 channel digital PCM sources (incl. optical, coaxial, HDMI and network).

EASE-OF-USE AND OTHER FEATURES

- Setup Assistant, providing easy-to-follow setup instructions with Graphical User Interface
- Horizontal color-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
- 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 favorite sources, internet radio stations and preferred settings
- Sleep Timer, set up to 120 minutes in 10-minute increments
- Standby HDMI Pass through
- RS232C for custom installation purpose
- 3 Zones Multi-room/Multi-source

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* All specs can be subject to change

UPC	AVRX4100WBKE3	8-83795-00310-0	Black
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Ports		
IN	HDMI (Front 1)	x 8
	Component	x 2
	Composite (video)	x 4
	Analogue Audio	x 6
	Phono (MM)	x 1
	Digital Optical	x 2
OUT	Digital Coaxial	x 2
	Component	x 1
	Composite (video)	x 2
	HDMI Monitor	x 2
	Zone2/3 Preout	2,0 ch
	Audio Preout (SW)	13,2 ch
OTHER	Phones	x 1
	Ethernet	x 1
	USB Port	x 1
	RS-232C	x 1
	Microphone Port	x 1
	FM Tuner Antenna	x 1
	AM Tuner Antenna	x 1

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