

DENON®

Product Information

# AVR-X2200W



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7.2CH AV SURROUND RECEIVER

## POWERFUL 7.2CH AV RECEIVER WI-FI, BLUETOOTH®, 3D AUDIO, FULL 4K ULTRA HD SUPPORT AND ADVANCED VIDEO PROCESSING

Packed with the latest audio and video technologies, the AVR-X2200W delivers incredibly immersive surround sound, built on an extensive sound tuning and plenty of amp power. With Dolby Atmos, you'll experience the same revolutionary 3D surround sound found in premium movie theaters. And, via a firmware update (available fall 2015), the AVR-X2200W will be able to decode DTS:X soundtracks, which also deliver an immersive 3-dimensional soundspace. Full wireless connectivity is provided by both Wi-Fi and Bluetooth, with dual antennas

that help ensure robust signal transmission and reception. Stream your favourite music through AirPlay, Spotify Connect or local network storage drives, and enjoy easy control via the Denon 2015 AVR Remote iOS and Android apps. The AVR-X2200W features an advanced video processing system which provides for 4K Ultra HD full rate, and it can upscale analogue and digital SD and HD video to 4K Ultra HD. The AVR-X2200W is also HDCP 2.2 compliant, a requirement for 4K Ultra HD copy-protected content.



[www.denon.eu](http://www.denon.eu)

### Built-in Bluetooth & Wi-Fi

Featuring Bluetooth & Wi-Fi wireless streaming connectivity, the AVR-X2200W 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 favourite tracks from streaming music services such as Spotify Connect. 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 favourite tracks wirelessly from your iOS device, including the iPod touch, iPhone and iPad, and the AVR-X2200W is also DLNA 1.5 certified for compatibility with your home PC or Mac. The Denon 2015 AVR Remote App lets you easily control the AVR-X2200W with your favourite portable device and it's available for both Apple and Android devices.

### Latest HDMI Connectivity; HDCP 2.2 Compatible; Video Scaling; ISF Certification

Equipped with 8 HDMI inputs, including 1 conveniently located on the front panel, along with dual HDMI outputs, the AVR-X2200W incorporates an advanced video processor that features support for 4K Ultra HD 60 Hz full rate video, 4:4:4 Pure Color subsampling and 21:9 video pass-through, along with support for 3D content. The AVR-X2200W also features HDCP 2.2 compatibility, a requirement for 4K Ultra HD copy-protected content. And, the video processor can also upscale analogue and digital SD and HD video to 4K Ultra HD. Certified by the Imaging Science Foundation, the AVR-X2200W features a full suite of video calibration controls (for use by an ISF technician), along with ISF Day and ISF Night video modes.

### KEY FEATURES [NEW]

- 7.2 channel AV Receiver with 150W per channel
- Built in WiFi with dual antenna; built in Bluetooth
- 4K/60 Hz full-rate pass-through and 4:4:4 colour resolution
- Video Scaling of analogue and digital video signal up to 4K 30/25/24Hz
- 8 HDMI inputs (incl. 1 front) and 2 HDMI outputs with full HDCP 2.2 support
- Dolby Atmos (up to 5.1.2)
- DTS:X ready (via firmware update)
- Audyssey MultEQ XT room equalization
- DSD, FLAC, ALAC and AIFF High Resolution audio streaming
- AirPlay, Spotify Connect, Internet Radio
- ECO mode with off/on/auto setting
- Front panel USB input

### Easy To Setup, Easy To Use

With our exclusive Setup Assistant along with the Quick Start Guide, you can connect and configure your home theater system quickly and easily. 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. The Advanced Graphical User Interface and ergonomic remote control makes the daily operation a breeze.

### Dolby Atmos built-in; DTS:X ready

For many years, movie surround soundtracks have been channel-based. Revolutionary Dolby Atmos surround sound technology dispenses with channel-based coding in favor of more advanced object-based coding, giving the sound designer the ability to precisely place sounds anywhere in the 3-dimensional space. Now, you can enjoy this same award-winning technology at home with the AVR-X2200W, which features the ability to connect a 5.1 surround sound speaker system and 2 additional overhead speakers or 2 additional Dolby Atmos-certified up-firing speakers for the ultimate home theater experience. Along with Dolby Atmos decoding and Dolby Surround Upmixing, the AVR-X2200W also features Dolby TrueHD lossless decoding and other Dolby Digital technologies.

The latest immersive surround sound system, DTS:X, features object-based audio coding that lets the sound designer place sonic elements anywhere in the 3D acoustic soundspace, and provides for overhead speakers to deliver a stunning surround sound experience. DTS:X and DTS Neural:X Upmixer will be enabled through an online firmware update coming in the fall of 2015. For more info, please visit [www.denon.com/dtsx](http://www.denon.com/dtsx).

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

- Fully discrete, identical quality and power for all channels (7 channels, 150 watts per channel)
- Audyssey Dynamic Volume, for real-time volume adjustment
- Audyssey DynamicEQ, improves surround effects during low volume levels
- High-grade audio components
- High-performance 192kHz/24-bit D/A converters for all channels
- Multi-Source/Multi-room (2nd zone via surround back speaker terminal or zone pre-out)
- Digitally transmitted Play function for iPod and iPhone (via USB) for best sound quality
- Optimised Bass redirection, for powerful bass performance in configurations without subwoofer

### Powerful 7 Channel Discrete Amplifier with Eco Mode

Featuring high current discrete power output devices on all channels, the AVR-X2200W is rated at 155 watts per channel. For compatibility with the widest range of loudspeaker models, the AVR-X2200W is also equipped with low impedance drive capability, to provide operational stability with speakers rated at 4 ohms. The Eco mode adjusts the power amplifier's output according to the volume level to reduce power consumption and the on-screen Eco meter lets you see the power consumption reduction in real time.

### Audyssey Silver

The AVR-X2200W features the Audyssey Silver suite of DSP functions, which includes MultEQ XT, Dynamic EQ and Dynamic Volume. Audyssey MultEQ XT automatic room acoustic measurement and correction system matches your speakers to your room's acoustics, for the smoothest, most natural tonal balance. MultEQ XT provides greater filter precision for the main and satellite speakers, with 8 times the resolution compared to the base MultEQ system, at up to 8 measurement locations. Audyssey Dynamic EQ uses advanced psychoacoustic algorithms to continually adjust tonal balance so that the sound you hear is full range, even at lower volume levels, and Audyssey Dynamic Volume smoothes out annoying volume jumps, especially with loud commercials.

### Advanced Quad-Core 32-bit DSP Processor

Featuring an advanced quad-core 32-bit DSP processor, the AVR-X2200W 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 power, with 4 300-MHz DSP cores that deliver over 1 billion computations per second.

### EASE-OF-USE AND OTHER FEATURES

- ECO mode
- Horizontal colour-coded layout of speaker terminals for easy connection
- Label sheet for marking Speaker Wires & HDMI Cables
- Comes with simple, easy-to-use remote control handset
- Setup Assistant, providing easy-to-follow setup instructions, and Advanced Graphical User Interface with 9 languages
- Denon AVR Remote for iOS and Android
- 4 Quick Select buttons - can be used to store favourite sources, internet radio stations and preferred settings
- Standby HDMI Pass through
- Auto Standby and low power consumption at stand-by 0.1 W



### Technical information

Number of power amps	7 (Front L/R, Center, Surround L/R, Surround Back L/R)	Preamplifier section	
Power output	150 watts per channel (6 ohms, 1 kHz, THD 1%, 1ch driven)	Input sensitivity/impedance	200 mV / 47 kohms
	125 watts per channel (6 ohms, 1 kHz, THD 0.7%, 2ch driven)	Frequency response	10 Hz - 100 kHz - +1, -3 dB (DIRECT mode)
	95 watts per channel (8 ohms, 20 Hz - 20 kHz, THD 0.08%, 2ch driven)	S/N Ratio	100 dB (HF-A weighted, DIRECT mode)
Speaker impedance	4 - 16 ohms	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	9.4 kg

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\* All specs can be subject to change

\* Available only in Black

EAN	AVRX2200WBKE2	4951035056158	Black
UK	AVRX2200WBKE2GB	4951035056158	Black

### Ports

IN	HDMI (Front 1)	x 8
	Component	x 1
	Composite (video)	x 2
	Analogue Audio	x 4
	Digital Optical	x 2
OUT	USB (front)	x 1
	HDMI Monitor	x 2
	Zone2 Preout	2.0 ch
OTHER	Audio Preout (SW)	0.2 ch
	Phones	x 1
OTHER	Ethernet	x 1
	Microphone Port	x 1
	FM Tuner Antenna	x 1
	AM Tuner Antenna	x 1

Denon Europe  
Beemdstraat 11  
5653 MA Eindhoven  
The Netherlands

[www.denon.eu](http://www.denon.eu)