

# AVR-X4000

Integrated Network AV Receiver

IN-Command  
S E R I E S™

DENON®

## So much to experience, Connected, Collected. So easy to Command:

Your IN-Command Series™ Integrated Network A/V Receiver is the heart and brain of your networked home entertainment center.

D·D·S·C HD  
DIGITAL

AL24 Processing Plus

Denon Link  
HD



## 7.2-channel 4K Ultra HD & 3D Pass-through Networking Home Theater Receiver with Apple AirPlay® and Multi-Zone Video

The AVR-X4000 A/V receiver is packed with Denon technologies that deliver superior sound and picture quality through 7.2 channels. It also provides a wealth of features for enjoying music or video programs, such as 4K Ultra HD upscaling, AirPlay for streaming music from an iTunes® library, Spotify playback, internet radio broadcasts, playback of music stored on a networked PC or hard disk as well as HD audio (up to 192 kHz) music sources, and a multi-zone feature that lets other people enjoy music or video entertainment in a separate room while you enjoy your own programs in the main room. The advanced surround sound capabilities of the AVR-X4000 can be expanded to a maximum of 9.2 channels by adding a separate power amp.

### State-of-the-art Denon Solutions for Maximizing Content Quality

- Fully discrete, identical quality and power for all 7 channels (125 W x 7 ch)
- 9.2 channel enhanced surround processing with Audyssey DSX and DTS Neo:X
- Dynamic Discrete Surround Circuit, D.D.S.C.-HD
  - AL24 Processing Plus, to dramatically enhance the music listening experience
- Denon Link HD for the best sounding jitter-free connection to our DBT-3313UDCI Blu-ray disc player
- Hybrid PLL Jitter reducer for the most accurate digital audio playback
- 1080P & 4K Ultra HD (3840x2160) upconversion
- Analog to HDMI video conversion lets you run just one HDMI cable to your HDTV
- Audyssey MultEQ® XT32 and Audyssey Sub EQ HT Dual subwoofer EQ processing for optimum room acoustic calibration and subwoofer balancing
- Audyssey Dynamic EQ® improves surround effects at lower volume levels
- Audyssey Dynamic Volume® stabilizes volume levels for consistent sound
- Audyssey LFC solves the problem of low frequency sounds disturbing people in adjacent rooms
- High-performance 192kHz/24-bit D/A converters for all channels

### Connectivity

- Multi-room audio lets you enjoy 5.1 sound with separate stereo audio in a 2nd or 3rd room
- Multi-room audio (3 zones 3 sources)
- Networking with AirPlay®, Pandora®, Spotify & SiriusXM Internet Radio
- HD Radio tuner built-in

PANDORA®



SiriusXM  
INTERNET RADIO

HD Radio

- Convenient front panel HDMI input for connecting a camcorder or game console
- 7 HDMI inputs (1 on the front panel)
- 3 HDMI outputs
  - 2 outputs for main room video (such as a projector and a flat screen TV)
  - 1 output for multi-room video in a second room with the same or a different source

- Supports HDMI with 4K Ultra HD (3840x2160), 3D, Audio Return Channel, Deep Color, x.v.Color, Auto Lipsync and HDMI CEC (Consumer Electronics Control)
- Power amplifier assign function provides tremendous system configuration possibilities
  - 5.1 channel + Front height speakers (FHL + FHR)
  - 5.1 channel + Front wide speakers (FWL + FWR)
  - 5.1 channel + Zone 2 stereo speakers
  - 5.1 channel + Zone 3 stereo speakers
  - 5.1 channel + Bi-amp front main (L/R) speakers
  - 5.1 channel + Front B speakers
  - 7.1 channel + 2 channel pre-outs for additional stereo amplifier and speakers
- Convenient front USB input for quick and easy connection of your portable device

### Ease-of-Use

- InstaPrevue Technology, provides live picture-in-picture preview of connected HDMI sources
- Supports new "Denon Remote App" to simplify operation by Android & iOS tablet/smartphone
- New, easy-to-connect speaker terminals in a horizontal layout
- Comes with color-coded labels to easily identify the correct speaker cables
- New Setup Assistant with rich GUI (Graphical User Interface) with easy-to-follow setup instructions
- Comes with simple, easy-to-use remote controller
- Auto power off
- Front panel display features easy-to-read characters with two alpha-numeric rows

### Others

- Audyssey Installer Pro Ready
- Lower power consumption at standby 0.1 W
- Supports web control functions via your PC's web browser
- Remote control input and output (IR)
- AMX, Control4, Crestron, RTI, Savant, URC third party control support
- RS-232C serial I/O control interface
- Trigger output x 2 (150 mA MAX)



Convenient HDMI input on the front panel



AirPlay lets you wirelessly stream music from your iPod touch, iPhone or iPad



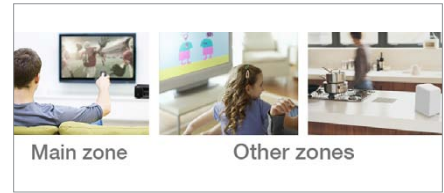
New Denon Remote App for iOS and Android devices



4K Ultra HD (3840x2160) support (Video pass-through, video upscaling)



New intuitive GUI (Graphical User Interface)



Multi-room audio (up to 3 zones, 3 sources)

## Main Specifications

### Power amplifier section

Rated output	*THD figures are power amp stage values.
Front L/R	125 W + 125 W (8 Ω/ohms, 20 Hz - 20 kHz, THD 0.05 %) 165 W + 165 W (6 Ω/ohms, 1 kHz, THD 0.7%)
Center	125 W (8 Ω/ohms, 20 Hz - 20 kHz, THD 0.05 %) 165 W (6 Ω/ohms, 1 kHz, THD 0.7%)
Surround L/R	125 W + 125 W (8 Ω/ohms, 20 Hz - 20 kHz, THD 0.05 %) 165 W + 165 W (6 Ω/ohms, 1 kHz, THD 0.7%)
Surround Back L/R	125 W + 125 W (8 Ω/ohms, 20 Hz - 20 kHz, THD 0.05 %) 165 W + 165 W (6 Ω/ohms, 1 kHz, THD 0.7%)

### Preamplifier section

Input sensitivity/impedance	200 mV / 47 kΩ/kohms
Frequency response	10 Hz ~ 100 kHz +1, -3 dB (DIRECT mode)
S/N Ratio	102 dB (IHF-A weighted, DIRECT mode)

### FM section

Tuning frequency range	87.5 - 107.9 MHz
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### AM section

Tuning frequency range	530 - 1710 kHz
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### General

Power supply	AC 120 V, 60 Hz
Power consumption	670 W (Standby 0.1 W, CEC standby 0.5 W)
Dimensions (W x H x D)	17 3/32" x 6 67/64" x 14 59/64"
	434 x 167 x 379 mm
Weight	27 lbs 20 oz, 12.3 kg

## Ports

In	HDMI (incl. Front 1)	7
	Video (component)	2
	Video (composite) (incl. Front 1)	4
	Analog audio (incl. Front 1)	7 (Phono 1)
	Digital audio (optical)	2
	Digital audio (coaxial)	2
Out	HDMI monitor	3 (1 Zone2)
	Video (component)	1
	Video (composite)	3
	Audio preout (Zone2 L/R, Zone3 L/R)	2
	Audio preout (11 ch)	1
	Audio preout (subwoofer)	2
	Audio lineout (L/R)	1
	Phones	1
Others	DenonLink HD	1
	Network (Ethernet)	1
	USB	1
	FM tuner antenna	1
	AM tuner antenna	1
	Setup mic jack	1
	Remote Control (in/out)	1/1
	Trigger out (DC 12 V 150 mA MAX)	2
	RS-232C	1

## Our Integration Partners:



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