

# AVR-4308CI

AV Surround Receiver

# DENON



Network

HD AV Surround Receiver featuring Advanced Connectivity, Wi-Fi Network Audio Streaming and an interface that enhances your level of entertainment enjoyment.



**Bullet points**

**The Latest HD Audio and Video Support**

- Dolby TrueHD and dts-HD Master Audio decoders
- Deep Color up to 36-bit and xvYCC broader color space support
- HDMI 1.3a inputs/outputs that handle HD audio and video signals

**Dynamic Discrete Surround Circuit, D.D.S.C.-HD**

- Discrete Devices for ultimate performance in each block
- Dual New 32-bit floating point DSP
- Master clock design for more accurate processing and less jitter noise
- Advanced AL24 processing provides more dynamic range

**Latest version MultEQ XT**

- New tower type microphone for more accurate measuring
- Up to eight measurement points
- New filtering ALFC (Adaptive Low Frequency Correction) for higher resolution processing in low frequency band.

**HD Video Circuit**

- Discrete devices for ultimate HD video performance in each block
- Faroudja DCDi Video Processing
- Analog video to HDMI scaling up to 1080p
- HDMI to HDMI scaling up to 1080p
- 1080p video pass through
- 12-bit/216-MHz video encoder and decoder with NSV

**Digital Media Connectivity**

- Network
  - Playback music file from PC or DLNA server
  - AAC, WMA, MP3, FLAC, WAV file support
  - Playback over 7,000 internet radio stations
  - JPEG Photo slideshow
  - Ethernet or Wi-Fi IEEE 802.11 b and g
  - WEB system control via network
- iPod audio, photo and video playback (optional ASD-1R/3N/3W)
- Mass storage support USB for audio and photo playback
- XM Ready, HD Radio built-in

**Compressed Audio Restorer**

Denon's new audio technology for MP3/WMA/AAC compressed audio formats to reproduce higher frequency range and deeper bass sound.

**Ease-of-Use**

- New Graphical User Interface
- Newly developed user interface for easy operation, setup and digital media browsing.

- Album art support (iPod/Network/USB)
- Title text (iPod/Network/USB/XM/HD radio)
- Multi language support
- Available for 1080p HDMI signal

\*Sample image of new GUI



- Zone 2 OSD with text, Album art is also available
- Auto set-up and Room EQ, featuring MultEQ XT from Audyssey
- Includes dedicated zone remote control unit
- Auto Lip Sync (HDMI 1.3a)
- New back panel layout

**Multi-Zone Capability**

- Four Zone multi-source capability
- Digital to analog conversion for multi-zone output
- Dual HDMI output
- Independent zone 2 component output
- Remote in/out
- RS-232C control
- IP control
- Optional RC-7000CI/7001RC1 2way control ready



\*Optional RC-7000CI and RC-7001RC1

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

- Identical quality and power for all 7 channels, 140W x 7ch
- Digital / Analog separate windings
- Large-output power amp section and power supply configuration for stable high-power output
- Stable power supply for high-quality sound and picture playback
- 24-bit/192-kHz D/A converter for all channels
- DENON Link (3rd), for high-speed, high-grade digital signal transmission
- Pure Direct mode, for the enjoyment of music in high-quality sound
- Variable subwoofer crossover switching
- Pre-amp with Variable Gain Volume

## Other Features

- 3 Quick Select Buttons
- Auto Surround Back Channels ON function, for auto-detection of supporting sources
- Auto Surround mode
- Audio Delay function (max. 6 frames or 200 msec)
- Night Mode for neighbor friendly listening
- Muting level settings (Full/-40dB/-20dB)
- Audio Level Memory, capable of correcting different signal levels for each input device
- Volume Level Limiter, for setting maximum volume levels
- Power-ON Volume Level Memory
- EL programmable remote control unit

## Input / Output terminals

IN			OUT		
HDMI		4	HDMI Monitor		2
Component		3	Component Main Monitor		2
S-Video		7	Zone 2 Monitor		1
Composite		7	S-Video REC		2
Analog audio (Tuner included)		11	Monitor		1
Analog EXT. Input		7.1ch	Composite REC		2
Digital OPTICAL		4	Main Monitor		1
Digital COAXIAL		3	Zone 2 Monitor		1
Denon Link		1			
			Analog audio REC		2
Ethernet		1	Zone 2		1
Wi-Fi		1	Zone 3		1
USB		2	Analog Preout		7.1ch
Dock control for iPod		1	Digital OPTICAL		2
			Digital Zone 4		1
Others			Trigger +12V, 150mA		2
			RS-232C		1
			Remote In/Out		1/1

## Specifications

<b>Power Amplifier Section</b>	
Rated output	*THD figures are power amp stage values.
Front	140 W + 140 W (8 ohms, 20Hz - 20kHz)
Center	140 W (8 ohms, 20Hz - 20kHz)
Surround	140 W + 140 W (8 ohms, 20Hz - 20kHz)
Surround back	140 W + 140 W (8 ohms, 20Hz - 20kHz)
<b>Preamplifier Section</b>	
Input sensitivity/impedance	
PHONO(MM)	2.5 mV/47 kohms
Audio inputs	200 mV/47 kohms
Output level/Load impedance	
Audio outputs	1.2 V/10 kohms
Rec. Audio outputs	200 mV/47 kohms
<b>FM Section</b>	
Tuning frequency range	87.5 - 107.9 MHz
Usable sensitivity	1.0 $\mu$ V (11.2 dBf)
<b>AM Section</b>	
Tuning frequency range	520 - 1710 kHz
Usable sensitivity	18 $\mu$ V
<b>General</b>	
Power supply	AC 120 V, 60 Hz
Dimensions (WxHxD)	434 x 195 x 455 mm
	17-3/32" x 7-43/64" x 17-29/32"
Weight	18.9 kg, 41.6 lbs



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