

New model information

# AVR-4311CI

AV Surround Receiver

100<sup>th</sup>  
Anniversary  
since 1910

# DENON

## Immerse yourself in rich 3D video and 3D sound with up to 11.2 channels

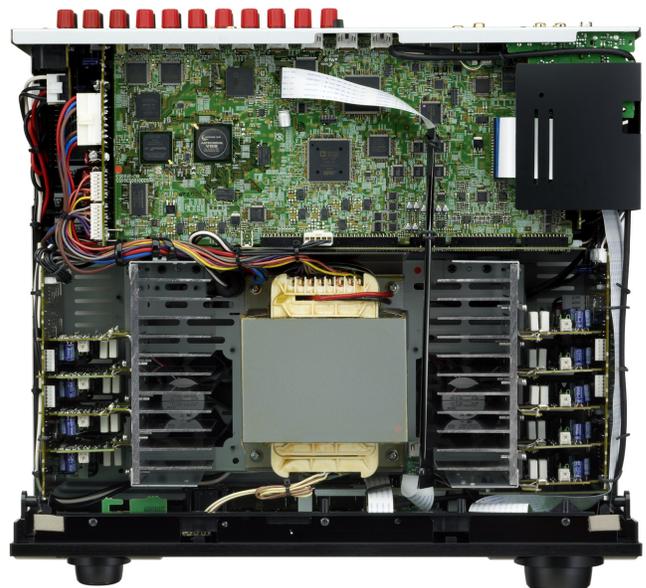
Featuring a full suite of high resolution audio decoders including Dolby TrueHD and DTS-HD Master Audio, the advanced AVR-4311CI is also equipped with Audyssey DSX processing which delivers an incredible 11.2 channel experience with derived front width and height channels for a dramatically expanded front soundstage. For the utmost fidelity, the AVR-4311CI is also equipped with Audyssey's advanced MultEQ XT 32 room acoustic measuring and correction system, which provides superlative tonal quality, matching the speaker system to the room with automatic ease and speed (measuring microphone included). There's a whole world of internet connectivity via RJ-45 LAN connection, including music and photo streaming from your DLNA-compliant multi-media PC.



### Features

#### New Features

- Featuring 3D pass-through technology
- Supports HDMI 1.4a with 3D, Audio Return Channel, Deep Color, "x.v.Color", Auto Lipsync and HDMI control function
- Audyssey MultEQ XT 32 room acoustic correction system and Auto Setup
- Audyssey Sub EQ HT multiple subwoofer calibration
- Direct play for iPod and iPhone via USB
- Audyssey DSX Processing (up to 11.2 ch including front height and width channels)
- Enhanced network capability
  - Internet Radio and network audio/photo streaming via Ethernet
  - Pandora, flickr, Napster and Rhapsody online support
  - Party Mode Plus<sup>(TM)</sup>
  - FLAC HD, High-resolution audio format
  - Compatible with Windows 7
  - Web control
- Newly developed pre-memory remote control handset with LCD display
- iPod and iPhone playback for Zone 2 / Zone 3; iPod/iPhone Remote App compatible
- iTunes streaming via AirPlay<sup>TM</sup>; feature upgrade Fall 2010
- Dual subwoofer pre-outs
- Dolby Volume leveling to prevent annoying volume jumps due to TV commercials



### One-cable HD solution

- Supports HDMI 1.4a with Audio Return Channel
- All sources are up-scaled to 1080P
- 7 x HDMI in / 2 x HDMI out with GUI (Graphical User Interface)

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

- Fully discrete, identical quality and power for all 9 channels (140 W x 9 channels)
- 9 channels Discrete Mono Amp Construction
- 4 ohms speaker drive capability
- Stable power supply for high-quality sound and picture playback
- HDMI Clock Control via DENON LINK 4th
- Dynamic Discrete Surround Circuit, D.D.S.C.-HD
- High definition audio support, Dolby TrueHD and DTS-HD Master Audio
- Supports Dolby Pro Logic IIz processing
- High-bit I/P Converter and Scaler up to 1080p
- Minimum Signal Path for clear audio and video signal
- Direct Mechanical Ground Construction, embodying concepts for thorough vibration resistance

### Connectivity & Future-ready Expandability

- Simultaneous playback on two HDMI channels
- HD Radio

- Sirius satellite radio ready
- Power Amp Assign function, provides a broad range of amp/speaker configurations
- 3 source / 3 zone capability

### Ease-of-Use

- On-Board GUI (Graphical User Interface) via HDMI output (up to 1080p)
- Audyssey Dynamic Volume, for real-time volume adjustment
- 2-line fluorescent display on front panel
- Sleep timer function
- Audio Delay function (max. 6 frames or 200 mSec)
- Muting level settings (Full/-40dB/-20dB)
- Audio level memory, capable of correcting different signal levels for each input device
- Variable subwoofer crossover switching

### Custom Integration

- AMX, Crestron third party control support
- PC and iPhone setup via Ethernet (web control)
- Remote Access & Maintenance
- IP Control
- Audyssey installer Program Ready

### Others

- Lower power consumption at stand-by 0.1 W (Standby)

### Ports

In		
HDMI		x 7
Component		x 3
S-Video		x 2
Composite (Video)		x 5
Analog Audio (Tuner included)		x 9
Analog EXT. Input		7.1ch
Digital Optical		x 2
Digital Coaxial		x 2
DENON LINK(4th)		x 1
Out		
HDMI Monitor		x 2
Component Monitor		x 1
Composite Monitor		x 1
Composite (DVR/ Zone2)		x 2
Audio Preout		11 ch
(FL/ FR/ C/ SL/ SR/ SBL/ SBR/ FHL/ FHR/ FWL/ FWR)		
Audio Preout (SW)		x 2
Audio Preout (Zone2 L/R, Zone3 L/R)		x 2
Audio REC out		x 1
Phones		x 1
Digital Optical		x 1
Other		
USB port		x 2 (selectable)
Ethernet		x 1
Microphone Port		x 1
Dock Control Port		x 1
FM Tuner Antenna		x 1
AM Tuner Antenna		x 1
Sirius connector		x 1
Remote Control In/Out		In 1 / Out 1
RS-232C		x 1
DC12V 150mA MAX. trigger out		x 2

### Notes:

\*1 Update distribution via network connection is slated to start around autumn, 2010.

### Main Specifications

Power amplifier section		Preamplifier section	
Rated output	*THD figures are power amp stage values.	Input sensitivity/impedance	200 mV / 47 kΩ/kohms
Front L/R	140 W + 140 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 170 W + 170 W (6 ohms, 1 kHz, THD 0.7%)	Frequency response	10 Hz ~ 100 kHz - +1, -3 dB (DIRECT mode)
Center	140 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 170 W (6 ohms, 1 kHz, THD 0.7%)	S/N Ratio	102 dB (IHF-A weighted, DIRECT mode)
Surround L/R	140 W + 140 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 170 W + 170 W (6 ohms, 1 kHz, THD 0.7%)	FM section	
Surround Back L/R	140 W + 140 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 170 W + 170 W (6 ohms, 1 kHz, THD 0.7%)	Tuning frequency range	87.5 - 107.9 MHz
Front Height/Front Wide	140 W + 140 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 170 W + 170 W (6 ohms, 1 kHz, THD 0.7%)	Usable sensitivity	1.5 μV (14.8 dBf)
		AM section	
		Tuning frequency range	530 - 1710 kHz
		Usable sensitivity	20 μV
		General	
		Power supply	AC 120 V, 60 Hz
		Power consumption	780 W (Standby 0.1 W)
		Dimensions (W x H x D)	17-3/32" x 6-47/64" x 16-19/64"
			434 x 171 x 414 mm
		Weight	38 lbs 2.2 oz, 17.3 kg

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