

New model information

AVR-3311CI

AV Surround Receiver

100th
Anniversary
since 1910

DENON

Network A/V Receiver with 3D Video, Web Audio & Photos, Multi-Room, Multi-Source

With wired LAN connectivity, the AVR-3311CI can connect to your home network and reach out to the internet to enjoy music from subscription services including Rhapsody and Napster, as well as internet radio via Pandora and picture viewing via flickr. It's also DLNA certified, so you can enjoy music, videos and pictures stored on your multimedia PC. Packed with the latest high resolution audio decoders including Dolby TrueHD and DTS-HD Master Audio, the AVR-3311CI also features the latest Audyssey DSX processing, which provides a dramatically expanded front soundstage via front height or width channels. You'll also find deluxe features such as HD Radio, and the AVR-3311CI is Sirius satellite radio-ready, plus it has three source/three zone capability.



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
- Direct play for iPod® and iPhone® via USB
- Audyssey DSX Processing provides additional front height or width channels
- Enhance network capability
 - Internet Radio and network audio/photo streaming via Ethernet
 - Pandora, flickr, Napster and Rhapsody online support
 - 'Party Mode Plus'
 - FLAC HD, High-resolution audio format
 - Compatible with Windows® 7
 - Web control
- Newly developed pre-memory remote control handset with Glo-Key buttons
- iPod and iPhone playback for Zone 2 / Zone 3
- Remote Setup Guidance via On-Screen Display
- Dual subwoofer pre-outs

One-cable HD solution

- Supports HDMI 1.4a with Audio Return Channel
- All sources are up-scaled to 1080P
- 6 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 7 channels (125 W x 7ch)
- Stable power supply for high-quality sound and picture playback
- 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 for front height effect channels
- High-bit I/P Converter and Scaler up to 1080p allows a single HDMI cable run

Connectivity & Future-ready Expandability

- HD Radio
- Sirius satellite radio ready
- Power Amp Assign function, that allows re-configuration of the outputs to handle surround back speakers, front effects speakers, or 2nd zone multi-room speakers
- 3 source / 3 zone capability

Ease-of-Use

- On-Board GUI via HDMI output (up to 1080p)
- Audyssey Dynamic Volume, for real-time volume adjustment
- Audyssey MultEQ XT and Auto Setup
- 2-line fluorescent display on front panel
- Sleep timer function

Custom Integration

- Control4, AMX, Crestron third party control support
- PC and iPhone setup via Ethernet (web control)

Others

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



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

- Fully discrete, identical quality and power for all 7 channels (125 W x 7ch)

To faithfully reproduce the original surround sound, each of the AVR-3311CI's 7 channels is equipped with the same power amp of equal power. Since these power amps also use discrete circuits configured with parts strictly selected for their contribution to high sound quality, rather than with low-cost integrated circuits (ICs), the surround sound playback is of impeccably high quality.

- Featuring 3D pass-through technology

By connecting a 3D-compliant Blue-ray disc player and 3D-compliant TV to the AVR-3311CI, you will have a 3D home theater where you can enjoy high-definition sound and video on a level you've never experienced before.

- Supports HDMI 1.4a with 3D, Audio Return Channel, Deep Color, "x.v.Color", Auto Lipsync and HDMI control function

When you connect the AVR-3311CI to a TV with a single HDMI cable, it supports Audio Return Channel (ARC)^{(*)1} that can play back the TV audio in surround sound. Until now, if you wanted to enjoy surround sound from a TV, you needed to use an optical digital cable or coaxial digital cable to bring sound from the TV to the A/V receiver. The AVR-3311CI's ARC feature, however, helps you keep cable connections neat and out of the way as you build your home theater.

*1: The TV must also support ARC.

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

- 32-bit floating point high precision DSP processor
- AL24 Processing Plus provides improved fidelity and clarity
- High-precision 24 bit/192 kHz D/A converters

- Clock jitter reduction on all digital inputs

- High-definition audio support, with Dolby TrueHD and DTS-HD Master Audio, high resolution audio formats found on many Blu-ray titles

- Audyssey DSX processing

Audyssey DSX extends 5.1-channel and 7.1-channel sound sources to a wider and higher dimension. Featuring the latest precision DSP processing algorithms, Audyssey DSX creates additional front height or front width channels, for a dramatically expanded front soundstage.

- High-bit I/P Converter and Scaler up to 1080p

- Multi cadence detection for SD and HD video signals
The AVR-3311CI uses a high-performance video scaler to convert SD (standard definition) video to HD (high definition) quality.

- Minimum Signal Path for clear audio and video signal

The "simple and straight" design concept has been thoroughly implemented in the signal paths to contribute to immaculately clean audio and video playback. Signal paths are as short as possible to keep signal degradation in the audio and video circuitry to an absolute minimum

- Direct Mechanical Ground Construction, embodying concepts for thorough vibration resistance

Vibration-resistant construction includes design features such as securely mounting the power transformers, a source of vibration, to the highly rigid bottom chassis. Direct mounting of cast-iron feet to the radiator in near proximity to each other serves to additionally suppress mutual vibration with the power transformers and other sources of vibration. By controlling all aspects of component vibrations, the rigid chassis provides for greater audio fidelity and freedom from vibration-induced extraneous noise, on par of that normally associated with much more costly separate components.

Connectivity & Future-ready Expandability

- 6 x HDMI in / 2 x HDMI out (Repeater)

- Dual HDMI outputs enabling simultaneous outputs to a video projector and a flat panel HDTV

- Direct play for iPod and iPhone via USB

You can also listen to music files from your iPod by simply connecting it to the AVR-3311CI's front panel USB port with the USB cable that came with the iPod. To start play, just press the iPod

Play button on the AVR-3311CI or its remote control unit. Digital signals from the iPod are transmitted as is to the AVR-3311CI where they pass through Denon's exclusive Compressed Audio Restorer and are processed by advanced audio circuitry to produce a clean, high-quality sound with improved treble detail.

- HD Radio provides dramatically improved fidelity
- Sirius satellite radio ready
- Power Amp Assign function, that allows multiple amp and speaker configurations

Ease-of-use

- On-Board GUI via HDMI output (up to 1080p)
- The AVR-3311CI is equipped with an easy-to-view Graphical User Interface (GUI) featuring visual menu displays. These menu displays can also be output to the HDTV over HDMI cable.

- Newly developed pre-memory remote control handset with Glo-Key buttons, and a 2nd zone remote
- Remote Setup Guidance via On-Screen Display
- Three Quick Select buttons
- Auto surround mode
- Sleep timer function
- Audio Delay function (max. 6 frames or 200 mSec)
- Muting level settings (Full/-40dB/-20dB)
- Audio level memory, capable of correcting for different signal levels for each input device
- Variable subwoofer crossover switching

Custom Integration

- Control4, AMX, Crestron third party control support
- 150 mA Trigger output
- web control
- Multi-Zone Management
- Remote Access & Maintenance
- IP Control
- Audyssey installer Program Ready
- IR Remote in/out ports

Ports

In		
HDMI		x 6
Component		x 2
S-Video		x 2
Composite (Video)		x 5
Analog Audio (Tuner included)		x 9
Digital Optical		x 2
Digital Coaxial		x 2
Out		
HDMI Monitor		x 2
Component Monitor		x 1
Composite Monitor		x 1
Composite (DVR/ Zone2)		x 2
Audio Preout (FL/ FR/ C/ SL/ SR/ SBL/ SBR)		7ch
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 1
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

*Design and specifications are subject to change without notice.
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 *****Audyssey MultEQ is a registered trademark of Audyssey Laboratories.
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 ****Made for iPod means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.
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Main Specifications

Power amplifier section		Preamplifier section	
Rated output	*THD figures are power amp stage values. 125 W + 125 W	Input sensitivity/impedance	200 mV / 47 kΩ/kohms
Front L/R	(8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 165 W + 165 W	Frequency response	10 Hz ~ 100 kHz — +1, -3 dB (DIRECT mode)
Center	(6 ohms, 1 kHz, THD 0.7%) 125 W	S/N Ratio	100 dB (IHF-A weighted, DIRECT mode)
Surround L/R	(8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 165 W	FM section	
Surround Back L/R	(6 ohms, 1 kHz, THD 0.7%) 125 W + 125 W	Tuning frequency range	87.5 - 107.9 MHz
	(8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 165 W + 165 W	Usable sensitivity	1.0 μV (11.2 dBf)
	(6 ohms, 1 kHz, THD 0.7%) 125 W + 125 W	AM section	
	(8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 165 W + 165 W	Tuning frequency range	520 - 1710 kHz
	(6 ohms, 1 kHz, THD 0.7%)	Usable sensitivity	18 μV
		General	
		Power supply	AC 120 V, 60 Hz
		Power consumption	670 W (Standby 0.1 W)
		Dimensions (W x H x D)	17-3/32" x 6-47/64" x 15"
			434 x 171 x 381 mm
		Weight	26 lbs 14.3 oz, 12.2 kg

