

## A/V Home Theater Receiver with 3D Video Connectivity

Designed to provide the ultimate surround sound experience, the AVR-1911 delivers a surprising level of features, technology and performance in an affordable and easy-to-use component. It's also one of the first to come equipped with HDMI 1.4a features, including 3D pass-through (Broadcast and Blu-ray), along with Audio Return Channel. The surround decoder features full 32 bit floating point processing, and handles the latest high resolution audio formats, including Dolby TrueHD and DTS-HD Master Audio, which are found on many popular Blu-ray releases. As well, the AVR-1911 features Dolby Pro Logic IIz decoding, which provides for an expanded front soundstage by deriving two additional height channels, as well as providing Music, Movie and Game surround modes with conventional stereo audio sources. Setup is fast and easy thanks to Audyssey MultEQ automatic room acoustic measurement and correction, and the versatile remote can control other components in your home theater system and is easily programmed.



### 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
- Newly developed pre-memory remote control with Glo-Key buttons
- Remote Setup Guidance via On-Screen Display

#### One-cable HD solution

- Supports HDMI 1.4a with Audio Return Channel
- All sources are up-scaled to 1080P
- 4 x HDMI in / 1 x HDMI out with On-Screen Display

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

- Fully discrete, identical quality and power for all 7 channels (90 W x 7ch)
- Stable power supply for high-quality sound and picture playback
- High definition audio support, Dolby TrueHD and DTS-HD Master Audio
- Supports Dolby Pro Logic IIz processing with front height effects channels
- All sources are up-scaled to 1080P

#### Connectivity & Future-ready Expandability

- HD Radio
- Dock connectivity for iPod and network streaming
- Power Amp Assign function, which allows multiple speaker configurations, including surround back, front height as well as 2nd zone multi-room

#### Ease-of-Use

- On-Screen Display
- Audyssey Dynamic Volume, for real-time volume adjustment
- Audyssey MultEQ and Auto Setup
  - Tower type microphone for more accurate measuring
  - Up to six measurement points
  - High level resolution filters for satellite speakers and also subwoofer

#### 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 (90 W x 7ch)

To faithfully reproduce the original surround sound, each of the AVR-1911'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-1911, 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-1911 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-1911'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.

**• High-definition audio support**

The AVR-1911 has a decoder that supports Dolby TrueHD, the audio format of Blu-ray disc players, and DTS-HD Master Audio, another high-grade digital audio format.

**• Dolby Pro Logic IIz**

To experience a dramatically expanded front soundstage, the AVR-1911 is equipped with a Dolby Pro Logic IIz processor. By connecting Front Height speakers and using Dolby Pro Logic IIz playback, you will be able to enjoy surround sound in the vertical as well as horizontal direction.

**• All sources are up-scaled to 1080P**

The AVR-1911 provides an HDMI Video Up-scaling function that scales analog input video signals to high-definition 1080p signals and outputs them via the HDMI port to the TV. This not only makes it unnecessary to connect the TV to the AVR-1911 with additional cables besides the single HDMI cable, it also lets you enjoy any video source in refreshingly detailed picture 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 has been reviewed to thoroughly suppress the adverse influences of vibration on sound quality. The power transformers, a source of vibration, have been securely mounted on the highly rigid bottom chassis. Direct mounting of cast-iron feet to the radiator in near proximity to each other serves to suppress mutual vibration with the power transformers and other sources of vibration.

**• Compressed Audio Restorer to enhance digital music files**

**Connectivity & Future-ready Expandability**

- 4 x HDMI in / 1 x HDMI out (Repeater)

**• 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-1911's USB port with the USB cable that came with the iPod. To start play, just press the iPod Play button on the AVR-1911 or its remote control unit. Digital signals from the iPod are transmitted as is to the AVR-1911 where they pass through the compressed audio restorer and are processed by advanced audio circuitry to produce a clean, high-quality sound.

- Dock connectivity for iPod and network streaming Network music can be enjoyed via the Denon Streaming Control Dock. (Requires separately-sold ASD-51W or ASD-51N)

**• Power Amp Assign function, for versatility in using the AVR-1911 for different purposes**

The AVR-1911 supports up to 7.1 channels (FL/ FR/ C/ SL/ SR/ SBL/ SBR/ SW) for surround playback defined by the Blu-ray disc format. To enjoy surround playback with the AVR-1911's Dolby Pro Logic IIz, you can reassign the power amp from the two surround back channels (SBL/SBR) to the two front high channels (FHL/FHR). Or by assigning the SBL/SBR power amp to Zone 2, you can enjoy multi-room audio playback, or to achieve higher-quality sound for 2-channel stereo playback, you can configure the AVR-1911 for front bi-amp operation. These are just some of the ways you can arrange the AVR-1911's amps to suit various listening styles.

**Ease-of-use**

**• On-Screen Display**

With the AVR-1911's on-screen display, you can easily make settings for your home theater system while viewing menus on the TV screen. You can check the status of each setting, such as the volume level when you're adjusting the volume, or the name of the input source when switching input sources.

**• Newly developed pre-memory remote control with Glo-Key buttons**

**• 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 different signal levels for each input device**

**• Variable subwoofer crossover switching**

**Main Specifications**

<b>Power amplifier section</b>		<b>Preamplifier section</b>	
Rated output	*THD figures are power amp stage values.	Input sensitivity/impedance	200 mV / 47 kΩ/kohms
Front L/R	90 W + 90 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W + 125 W (6 ohms, 1 kHz, THD 0.7%)	Frequency response	10 Hz ~ 100 kHz — +1, -3 dB (DIRECT mode)
Center	90 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W (6 ohms, 1 kHz, THD 0.7%)	S/N Ratio	100 dB (IHF-A weighted, DIRECT mode)
Surround L/R	90 W + 90 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W + 125 W (6 ohms, 1 kHz, THD 0.7%)	<b>FM section</b>	
Surround Back L/R	90 W + 90 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W + 125 W (6 ohms, 1 kHz, THD 0.7%)	Tuning frequency range	87.5 - 107.9 MHz
		Usable sensitivity	1.0 μV (11.2 dBf)
		<b>AM section</b>	
		Tuning frequency range	520 - 1710 kHz
		Usable sensitivity	18 μV
		<b>General</b>	
		Power supply	AC 120 V, 60 Hz
		Power consumption	460 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	22 lbs 7.8 oz, 10.2 kg

**Ports**

<b>In</b>	HDMI	x 4
	Component	x 1
	S-Video	x 1
	Composite (Video)	x 3
	Analog Audio (Tuner included)	x 7
	Digital Optical	x 1
	Digital Coaxial	x 1
<b>Out</b>	HDMI Monitor	x 1
	Composite Monitor	x 1
	Audio Preout (SW)	x 1
	Audio Preout (Zone2 L/R)	x 1
	Phones	x 1
<b>Other</b>	USB port	x 1
	Microphone Port	x 1
	Dock Control Port	x 1
	FM Tuner Antenna	x 1
	AM Tuner Antenna	x 1
	Remote Control In/Out	In 1 / Out 1



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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.  
 \*\*\*\*"Works with iPhone" means that an electronic accessory has been designed to connect specifically to iPhone and has been certified by the developer to meet Apple performance standards.  
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