

# AVR-1911

AV Surround Receiver

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

# DENON

## HD-Audio Receiver with 3D Video Connectivity and 3D Surround

The AVR-1911 is an A/V receiver with HDMI version 1.4a that can be connected to TVs and other devices that support 3D video such as Blu-ray disc players, game consoles, and set-top boxes. This receiver supports not only Dolby TrueHD, DTS-HD Master Audio and other HD Audio formats but also Dolby Pro Logic IIz for enhanced vertical and horizontal spatial performance at the front, the essence of 3D acoustics complementing the excitement of 3D video. The AVR-1911 comes with numerous other features such as 1080p up-conversion to give you a sharp, high-definition picture from DVD and other standard video sources, and a Glow-key remote control unit that is easy to use in the dark, to maximise your home theatre experience.



### 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 handset with Glo-Key
- Remote Setup Guidance

#### 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 Maximising 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
- High definition audio support, Dolby TrueHD and DTS-HD Master Audio
- Supports Dolby Pro Logic IIz processing
- All sources are up-scaled to 1080P

#### Connectivity & Future-ready Expandability

- Dock connectivity for iPod and network streaming

#### 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 Maximising 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-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 theatre 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)<sup>\*1</sup> 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 AV receiver. The AVR-1911's ARC feature, however, helps you keep cable connections neat and out of the way as you build your home theatre.

\*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 let you enjoy an even richer spatial expression, the AVR-1911 is equipped with a Dolby Pro Logic IIz decoder. 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 Networked Control Dock. (Requires separately sold ASD-51W or ASD-51N.)

## Ease-of-use

### • On-Screen Display

With the AVR-1911's on-screen display, you can easily make settings for your home theatre 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 handset with Glo-Key

### • Remote Setup Guidance

### • 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

Power amplifier section		Preamplifier section	
Rated output	*THD figures are power amp stage values. 90 W + 90 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W + 125 W (6 ohms, 1 kHz, THD 0.7%)	Input sensitivity/impedance	200 mV / 47 kΩ/kohms
Centre	90 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W (6 ohms, 1 kHz, THD 0.7%)	Frequency response	10 Hz - 100 kHz - +1, -3 dB (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%)	S/N Ratio	100 dB (IHF-A weighted, DIRECT mode)
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%)	<b>FM section</b>	
		Tuning frequency range	87.5 - 108.0 MHz
		Usable sensitivity	1.0 μV (11.2 dBf)
		<b>AM section</b>	
		Tuning frequency range	522 - 1611 kHz
		Usable sensitivity	18 μV
		<b>General</b>	
		Power supply	AC 230 V, 50 Hz
		Power consumption	460 W (Standby 0.1 W)
		Dimensions (W x H x D)	434 x 171 x 381 mm
		Weight	10.2 kg

## Ports

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



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