

AVR-1911

AV Surround Receiver

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
- High quality (digital audio transfer) 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

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
- Pure Direct Mode

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)^(*) 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 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.

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

Surround Back speaker terminals assignable for Bi-Amping, speaker B, Front Height or Zone 2

Main Specifications

Power amplifier section

Rated output	*THD figures are power amp stage values.
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%)
Centre	90 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W (6 ohms, 1 kHz, THD 0.7%)
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%)
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%)

Preamplifier section

Input sensitivity/impedance	200 mV / 47 kΩ/kohms
Frequency response	10 Hz ~ 100 kHz — +1, -3 dB (DIRECT mode)
S/N Ratio	100 dB (IHF-A weighted, DIRECT mode)

FM section

Tuning frequency range	87.5 - 108.0 MHz
Usable sensitivity	1.0 μV (11.2 dBf)

AM section

Tuning frequency range	522 - 1611 kHz
Usable sensitivity	18 μV

General

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

* Design and specifications are subject to change without notice.

* "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

* DTS is a registered trademark and the DTS logos, Symbol, DTS-HD and DTS-HD Master Audio are trademarks of DTS, Inc.

* HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

* Audyssey MultEQ® is a registered trademark of Audyssey Laboratories.

Audyssey Dynamic EQ® is a 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.

**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.

* Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

* iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

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Ports

IN		
	HDMI	x 4
	Component	x 1
	S-Video (Dock)	x 1
	Composite (Video)	x 3
	Analogue Audio (Tuner included)	x 7
	Digital Optical	x 1
	Digital Coaxial	x 1
OUT		
	HDMI Monitor	x 1
	Composite Monitor	x 1
	Audio Preout (SW)	x 1
	Phones	x 1
OTHER		
	USB Port	x 1
	Microphone Port	x 1
	Dock Control Port	
	FM Tuner Antenna	x 1
	AM Tuner Antenna	x 1



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