

# AVR-1311

AV Surround Receiver

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

# DENON

## Enjoy 3D video with the full ambience of surround sound

The Denon AVR-1311 is an A/V receiver, with HDMI 3D, that can be connected to TVs and other 3D video compliant devices such as Blu-Ray disc players, game consoles, and set-top boxes. Of course, the AVR-1311 also supports Dolby TrueHD, DTS-HD Master Audio and other HD Audio formats to give you the remarkable surround sound experience that is essential with 3D video. The AVR-1311 is further equipped with Compressed Audio Restorer to let you enjoy a more detailed, dynamic sound from compressed music sources, and a stereo mini jack on the front where you can conveniently connect your portable audio player.

**HDMI****3D**

Personal Memory Plus

**RDS**

RadioTEXT

### Features

#### New Features

- Featuring 3D pass-through technology
- Supports HDMI (V.1.4a with 3D), Deep Color, "x.v.Color"
- 4 x HDMI in / 1 x HDMI out (Repeater)
- Stereo Mini Jack on front panel lets you connect any portable audio player

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

- Fully discrete, identical quality and power for all 5 channels (110 W x 5 ch)
- Stable power supply for high-quality sound and picture playback
- High definition audio support, Dolby TrueHD and DTS-HD Master Audio
- Minimum Signal Path for clear audio and video signal
- Direct Mechanical Ground Construction, embodying concepts for thorough vibration resistance
- Restorer function to enhance digital music files

#### Connectivity & Future-ready Expandability

- Dock connectivity for iPod and network streaming

#### Ease-of-Use

- Comes with simple, easy-to-use remote control handset
- Three Quick Select buttons
- Sleep timer function
- Auto surround mode
- Audio level memory, capable of correcting different signal levels for each input device

#### Others

- Audio Delay function (max. 6 frames or 200 msec)
- Muting level settings (Full/-40dB/-20dB)
- Variable subwoofer crossover switching
- Binding speaker terminals for all channels for secure and easy connections
- Lower power consumption at stand-by 0.5 W (Standby)

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

### • Fully discrete, identical quality and power for all 5 channels (110 W x 5 ch)

To faithfully reproduce the original surround sound, each of the AVR-1311's 5 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-1311, 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 (V.1.4a with 3D), Deep Color, "x.v.Color"

### • High-definition audio support

The AVR-1311 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.

### • 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)

The AVR-1311 provides 4 HDMI inputs that let you simultaneously connect a variety of HDMI-equipped devices

such as a game console and HD video camera as well as Blu-ray disc player.

### • Stereo Mini Jack on front panel lets you connect any portable audio player

Compressed Audio Restorer is Denon technology that restores compressed music sources to their original pre-compressed quality to give you a lively sonic ambience with greater detail and depth.



### • Dock connectivity for iPod and network streaming

Network music can be enjoyed via the Denon Networked Control Dock. (Requires separately-sold ASD-51W, ASD-51N.)



## Main Specifications

### Power amplifier section

Rated output	*THD figures are power amp stage values.
Front L/R	75 W + 75 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 110 W + 110 W (6 ohms, 1 kHz, THD 0.7%)
Centre	75 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 110 W (6 ohms, 1 kHz, THD 0.7%)
Surround L/R	75 W + 75 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 110 W + 110 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	98 dB (IHF-A weighted, DIRECT mode)

### FM section

Tuning frequency range	87.5 - 108 MHz
Usable sensitivity	1.2 μV (12.8 dBf)

### AM section

Tuning frequency range	522 - 1611 kHz
Usable sensitivity	18 μV

### General

Power supply	AC 230 V, 50 Hz
Power consumption	330 W (Standby 0.5 W)
Dimensions (W x H x D)	434 x 166 x 381 mm
Weight	9.2 kg

## Ports

In		
HDMI		x 4
Component		x 2
S-Video (Dock)		x 1
Composite (Video)		x 3
Analog Audio (Tuner included)		x 6
Digital Optical		x 1
Digital Coaxial		x 1
Out		
HDMI Monitor		x 1
Component		x 1
Composite Monitor		x 1
Audio Preout (Surround Back L/R, SW)		x 1 (2.1 ch)
Phones		x 1
Other		
Dock Control Port		x 1
FM Tuner Antenna		x 1
AM Tuner Antenna		x 1



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