

AVR-2113

Integrated Network AV Receiver

DENON

7.1 Channel 4K & 3D Pass Through, Networking Home Theatre Receiver with AirPlay and powered Zone 2

The high-performance AVR-2113 lets you enjoy the exciting surround sound of the latest 3D videos in a 7.1-channel home theatre. It also includes advanced video circuitry that upscales high-definition (HD) signal to a 4K (3840 x 2160 pixel) signal. The AVR-2113 further provides advanced network functions that let you listen to Internet radio or play music files stored on a PC. Since AirPlay® is also supported, you can listen to music content from the iTunes® library on your iPad®, iPhone®, iPod touch®, or PC/Mac via the network. In addition, if you download the new Denon Remote App to your iPad, iPhone, iPod touch or Android smartphone, you can use those devices to operate the main controls on the AVR-2113. The AVR-2113 is even equipped with the multi-room audio function that lets you assign 2 of the amplifier's 7 channels to use with speakers in another room.



New Features

- Supports 4K video signals (video upscaling, video passthrough, GUI overlay)
- The plenty of network capabilities and functions allow you to enrich your entertainment world including:
 - AirPlay
 - DLNA 1.5 certified
 - Windows 7 compatible
 - Internet radio
 - Last.fm
 - Photo streaming
 - flickr
 - FLAC HD, High-resolution audio file playback (96kHz/24bit)
- Support new "Denon Remote App" to simplify operation by Android & iOS tablet/smartphone
- Convenient HDMI port on the front for connecting a camcorder or other device
- Front display with large, easy-to-read characters

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

- Fully discrete, identical quality and power for all 7 channels (95 W x 7 ch)
- Stable power supply for high-quality sound and picture playback
- Featuring 3D pass-through technology
- Minimum Signal Path for clear audio and video signal
- High-performance 192kHz/24-bit D/A converters for all channels
- Digitally transmitted Play function for iPod and iPhone (via USB) for best sound quality
- Denon's proprietary Compressed Audio Restorer, to restore sound quality from compressed music sources
- Dolby Pro Logic IIz

Connectivity & Future-ready Expandability

- Supports HDMI with 4K, 3D, Audio Return Channel, Deep Color, "x.v.Color", Auto Lipsync and HDMI control function
- 6 x HDMI in (1 on front panel) / 1 x HDMI out
- Power Amp Assignment function, for versatility in using the AVR-2113 for different purposes
- Front panel USB input
- Multi room audio (2 zones 2 sources)

Ease-of-Use

- Setup Assistant, providing easy-to-follow setup instructions
- Audyssey Dynamic Volume®, for real-time volume adjustment
- Audyssey DynamicEQ, improves surround effects during low volume levels
- Audyssey MultEQ XT, automatically sets the speakers to suit the room's listening environment and the speakers' characteristics
- Comes with simple, easy-to-use remote control handset
- Sleep Timer, set up to 120 minutes in 10-minute increments
- Audio level memory, capable of correcting different signal levels for each input device
- Standby HDMI Pass through
- Auto Standby

Others

- Audio Delay function
- Auto surround mode
- Muting level settings (Full/-40dB/-20dB)
- Variable subwoofer crossover switching
- Lower power consumption at stand-by 0.1 W (Standby)
- Picture adjust



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

• Supports 4K video signals (video upscaling, video passthrough, GUI overlay)

When 4K (3840 x 2160 pixel) video signals are input to the AVR-2113, video passthrough outputs the signals in the same quality to the TV monitor, and GUI overlay displays the menu screen over the 4K video screen. The AVR-2113 is also equipped with a 4K video up-scaling circuit that upscales analog signals, standard definition (SD), and high-definition (HD, up to 1080p) signals to a maximum of 3840 x 2160 pixels (4K) and outputs the signals via HDMI. The AVR-2113 provides the video circuitry you need to enjoy high-definition video entertainment into the future.



• Fully discrete, identical quality and power for all 7 channels (95 W x 7 ch)

To faithfully reproduce the original surround sound, each of the AVR-2113'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 Blu-ray disc player and 3D-compliant TV to the AVR-2113, you will have a 3D home theatre where you can enjoy high-definition sound and video on a level you've never experienced before.

• Dolby Pro Logic IIz

To let you enjoy an even richer spatial expression, the AVR-2113 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.

Connectivity & Future-ready Expandability

• 6 x HDMI in (1 on front panel) / 1 x HDMI out

The AVR-2113 provides a generous supply of 6 HDMI inputs, including 1 on the front. These inputs can be used to connect mobile devices such as a camcorder or tablet, allowing you to immediately enjoy videos, photos, and music.

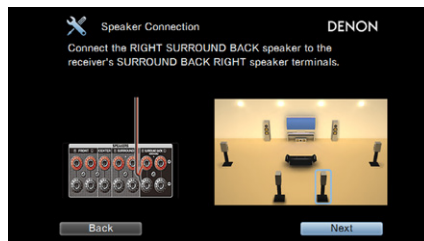
• Power Amp Assign function, for versatility in using the AVR-2113 for different purposes

The AVR-2113 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-2113's Dolby Pro Logic IIz, you can reassign the power amp from the two surround back channels (SBL/SBR) to the two front height 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-2113 for front bi-amp operation. These are just some of the ways you can arrange the AVR-2113's amps to suit various listening styles.

Ease-of-use

• Setup Assistant, providing easy-to-follow setup instructions

First select the language when prompted. Then simply follow the instructions displayed on the TV screen to set up the speakers and so on.



• Easy operation, Graphical User Interface

• 4 Quick Select buttons

With the Quick Select buttons, you can preset volume levels for the sources you most frequently use. Then when you use one of the buttons to select a source, it is ready to play using the same settings each time.

Main Specifications

Power amplifier section

| | |
|-------------------|---|
| Rated output | *THD figures are power amp stage values. |
| Front L/R | 95 W + 95 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W + 125 W (6 ohms, 1 kHz, THD 0.7%) |
| Centre | 95 W (8 ohms, 20 Hz - 20 kHz, THD 0.08 %) 125 W (6 ohms, 1 kHz, THD 0.7%) |
| Surround L/R | 95 W + 95 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 | 95 W + 95 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 MHz |
|------------------------|----------------|

General

| | |
|------------------------|---|
| Power supply | AC 230 V, 50/60 Hz |
| Power consumption | 500 W (Standby 0.1 W, CEC standby 0.5 W) |
| Dimensions (W x H x D) | 434 x 167 x 329 mm |
| Weight | 9.5 kg |

Ports

| In | | |
|--------|-----------------------------|---|
| | HDMI (Front 1) | 6 |
| | Component (Video) | 1 |
| | Composite (Video) (Front 1) | 3 |
| | Analog Audio (Front 1) | 5 |
| | Digital Audio (Optical) | 1 |
| | Digital Audio (Coaxial) | 1 |
| Out | | |
| | HDMI Monitor | 1 |
| | Composite (Video) Monitor | 1 |
| | Audio Preout (SW) | 1 |
| | Phones | 1 |
| Others | | |
| | Network (Ethernet) | 1 |
| | iPod / USB (Front) | 1 |
| | FM Tuner Antenna | 1 |
| | Setup Mic jack | 1 |

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