

AVR-3313

Integrated Network AV Receiver

DENON

7.2 Channel 4K & 3D Pass Through, Networking Home Theater Receiver with AirPlay® and Zone 2 Video

The AVR-3313 receiver sets a new standard in 3D, Blu-ray, game console, and other entertainment device integration with seven HDMI inputs and three HDMI outputs. It features seven discrete 125-watt channels of equal power, dual subwoofer outputs, and multiple high-resolution audio formats for superior surround sound. It also includes advanced video circuitry that upscales high-definition (HD) signal to 4K (3840 x 2160 pixel) signal. Enhanced by digital network audio/ photo streaming capabilities, including support for AirPlay, mp3/WMA/WAV and FLAC audio, and Windows 7 compatibility, the AVR-3313 is a solid foundation for your networked home entertainment system.



AL24 Processing Plus



Network

3D

Multi Zone
Home Entertainment Component

RDS

RadioTEXT

last.fm®

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 (96 kHz / 24-bit)
- Denon Link HD for the best sounding, jitter free connection to our new DBT-3313UD BD player
- Hybrid PLL Jitter Reducer
- Multi Zone HDMI output allows playback of 2 different video sources simultaneously on 2 televisions
- 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 (125 W x 7 ch)
- Stable power supply for high-quality sound and picture playback
- Dynamic Discrete Surround Circuit, D.D.S.C.-HD
 - AL24 Processing Plus, to dramatically enhance the music listening experience
- Featuring 3D pass-through technology
- Dolby Pro Logic IIz for front height effects
- Audyssey DSX for front height or front wide effects channels for a more immersive surround experience
- 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

Connectivity & Future-ready Expandability

- 7.2 channel preamp outputs allow the connection of external power amplifiers if needed
- Supports HDMI with 4K, 3D, Audio Return Channel^(*), Deep Color, "x.v.Color", Auto Lipsync and HDMI control function^(*)
- 7 x HDMI in (1 on front panel) / 3 x HDMI out (1 out for Zone2)
- Power Amp Assign function, for versatility in using the AVR-3313 for different purposes
- Front panel USB input
- Multi room audio (3 zones 3 sources)

*1: except for Zone2 HDMI output

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' characteristics 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
- C4 Certified IP Control Capability

Others

- Lower power consumption at stand-by 0.1 W (Standby)
- Trigger output (150 mA)
- Audyssey Installer Ready



Made for

 iPod iPhone

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-3313, 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-3313 is also equipped with a 4K video upscaling circuit that up-scales 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-3313 provides the video circuitry you need to enjoy high-definition video entertainment into the future.



- Denon Link HD for the best sounding, jitter free connection to our new DBT-3313UD BD player
- By connecting to a Denon Blu-ray Disc player compatible with Denon Link HD, the sound localization becomes more precise, reproducing a clear and three-dimensional sound image. This effect applies to any media audio source from the Blu-ray Disc player.

- Dolby Pro Logic IIz

- Audyssey DSX processing

- DSD to PCM converter (2ch, multi-channel)

Connectivity & Future-ready Expandability

- Equipped with a Multi-Zone function three source, three zone output (incl. HDMI output for Zone2)

The AVR-3313 is equipped with a multi-zone function, so you can enjoy separate sound source in three rooms including main zone. Furthermore, the AVR-3313 is equipped with an HDMI Zone2 out connector, so you can playback in Zone2 a video that is different from the one played back in main zone.

- 11 ch speaker terminals (FL/FR/C/SL/SR/SBL/SBR/FHL/FHR/FWL/FWR)

- Power Amp Assign function, for versatility in using the AVR-3313 for different purposes

The AVR-3313 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-3313's Audyssey DSX, you can reassign the power amp from the two surround back channels (SBL/SBR) to the two front height channels (FHL/FHR), or to the two front wide channels (FWL/FWR). Or by assigning the SBL/SBR power amp to Zone 2, you can enjoy multi-room audio playback. These are just some of the ways you can arrange the AVR-3313's amps to suit various listening styles.

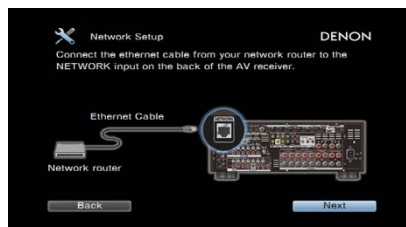
- Phono equaliser amp (MM), for connecting an analog record player

Ease-of-use

- Easy operation, Graphical User Interface

- 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.



New Remote App



Main Specifications

Power amplifier section

*THD figures are power amp stage values.	
Rated output	125 W + 125 W
Front L/R	(8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 165 W + 165 W (6 ohms, 1 kHz, THD 0.7%)
Centre	125 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 165 W (6 ohms, 1 kHz, THD 0.7%)
Surround L/R	125 W + 125 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 165 W + 165 W (6 ohms, 1 kHz, THD 0.7%)
Surround Back L/R	125 W + 125 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %)
Front Height	165 W + 165 W (6 ohms, 1 kHz, THD 0.7%)
Front Wide	125 W + 125 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %)

Preamplifier section

Input sensitivity/impedance	200 mV / 47 kohms
Frequency response	10 Hz - 100 kHz - +1, -3 dB (DIRECT mode)
S/N Ratio	102 dB (IHF-A weighted, DIRECT mode)

FM section

Tuning frequency range	87.5 - 108 MHz
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General

Power supply	AC 230 V, 50/60 Hz
Power consumption	670 W (Standby 0.1 W, CEC standby 0.5 W)
Dimensions (W x H x D)	434 x 167 x 379 mm
Weight	12.0 kg

Ports

In		
HDMI (Front: 1)		7
Component (Video)		2
Composite (video) (Front: 1)		4
Analog Audio (Front: 1)		7(Phono: 1)
Digital Audio (Optical)		2
Digital Audio (Coaxial)		2
Denon Link HD		1
Out		
HDMI Monitor		3 (Zone2: 1)
Component Monitor		1
Composite (Video) Monitor		3 (Zone2: 1)
Audio Lineout (Media player)		1
Audio Preout (Zone2, 3)		2
Audio Preout (7.2ch)		1
Phones		1
Other		
Network (Ethernet)		1
iPod / USB (Front)		1
Setup Mic jack		1
FM Tuner Antenna		1
Remote Control (In/Out)		1 / 1
RC-232C		1
DC12 V 150 mA MAX. trigger out		2

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*Premium Silver version is also available.