

AM/FM Stereo Receiver

DRA-295

DENON

Superior Sound with Video Select and Room-to-Room Flexibility

The DRA-295 AM/FM receiver offers high-performance operation, functionality and affordability, all in a single unit. It includes a Video Select feature that lets you control a variety of video and audio signals, a set of PRE OUT jacks that lets you listen to music in a sub-room as well as the main room, and it supports room-to-room remote control. DENON is well known for its uncompromising approach to sound quality and the DRA-295 is no exception thanks to the meticulous DENON-developed circuitry and the Signal Level Divided Construction (SLDC) chassis that prevents mutual interference among the circuits.



SLDC

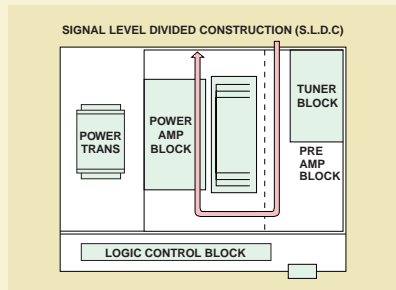
SIGNAL LEVEL DIVIDED CONSTRUCTION

■ High-quality Power Amplifier

With 50 watts of power per channel (at 8 ohms, 20 Hz - 20 kHz, 0.08% THD), the DRA-295 delivers solid, reliable audio performance even when driving both A and B speaker systems at the same time.

■ Signal Level Divided Construction Chassis Design

The circuit handling low-level signals has been divided into separate blocks to ensure that influences from these signals on each other are held to an absolute minimum. This new chassis design, known as the Signal Level Divided Construction (SLDC), preserves the purity of the signal, allowing it to be reproduced with much greater fidelity and clarity.



■ Pre Out Function

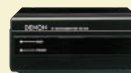
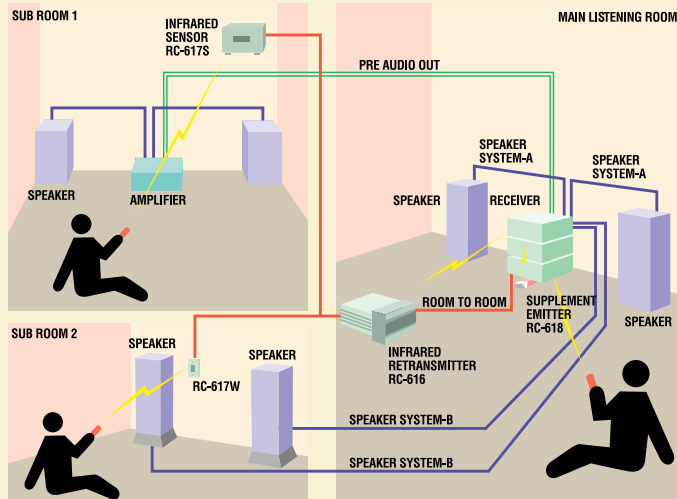
The DRA-295 provides a PRE OUT terminal that lets you connect another amp so that you can enjoy the same source in sub-room 1 that you have in the main room. The versatile A-B speaker switching feature lets you listen to music in a second sub-room by simply selecting Speaker System B. The volume from the PRE OUT terminals is linked to the DRA-295's master volume control.

■ Room-to-Room Remote Control with Remote IN/OUT Terminals

External remote control equipment including IR re-transmitters and IR remote receivers, such as DENON's separately available RC-616/617S/617W/618 IR devices, can be connected to the DRA-295's IR remote input and output terminals. (See diagram.)

DENON also offers the separately available RC-8000/8001st Remote Control and Base Station, that uses radio frequency (RF) technology to transmit remote control codes. This system, when connected with the DRA-295, provides room-to-room control of equipment without the need for hardwire connections.

Pre Out Function and A-B Speaker Switching



RC-616



RC-617S



RC-617W



RC-618

■ Convenient Remote Controller (RC-895)

The DRA-295 comes with a remote control unit containing codes that operate DENON's CD Player and Cassette Deck.

■ Video Terminals

Stereo video sources, such as hi-fi VCR, stereo TV, and DVD can all be easily connected to the DRA-295's DVD/VDP, VCR and Video Aux terminals.

■ Video Select Function

Allows you to select a video source, and then select an alternate audio input source, ideal for simulcasting, as well as watching TV sports programs while listening to radio commentary.

■ 40-Station AM/FM Random Preset Memory Tuning

■ Auto Preset Memory

FM stations can be searched by the tuner, and automatically stored in the preset memory up to 40 stations, ideal for locales with many FM stations.

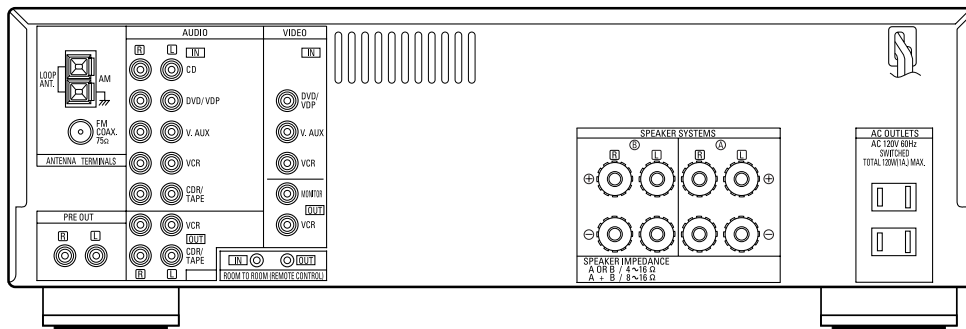
■ Sophisticated Tuning Circuit Design

Thanks to the PLL circuit design, reception drift is a thing of the past. The DRA-295 also has a 4-pole varactor diode in its front end to guarantee accurate input of station frequencies.

- Auto scanning of radio frequency bands
- Fast up/down manual tuning
- Manual step tuning
- Last-channel-tuned memory

■ Other Useful Features

- Bass and Treble Tone Controls
- Tone Defeat
- Muting Function via remote controller
- A/B Speaker Switching
- Last Function Memory
- Switched AC Outlets



Specifications

■ Power Amplifier Section

Rated output 50 W + 50 W (8 ohms, 20Hz - 20kHz, THD 0.08 %)
 Total harmonic distortion 0.009 % (-3 dB at rated output, 8 ohms, 1 kHz)
 Frequency response 10 Hz - 50 kHz \pm 1.5 dB (at 1 W)

■ Preamplifier Section

Input sensitivity/Impedance

CD, CD-R/TAPE, DVD/VDP,

VCR, V.AUX 200 mV/47 kohms

Output level/Load impedance

CD-R/TAPE, VCR 200 mV/47 kohms

PRE OUT 1.2 V/47 kohms

Tone control Treble: \pm 10 dB at 10 kHz

Bass: \pm 10 dB at 100 Hz

■ FM Section

Tuning frequency range 87.5 - 107.9 MHz

Usable sensitivity 1.4 μ V (14.2 dBf)

S/N 50 dB sensitivity Mono: 2.8 μ V (20.2 dBf)

(μ V at 75 ohms) Stereo: 23 μ V (38.5 dBf)

S/N ratio (A-weighting) Mono: 80 dB, Stereo: 75 dB

Total harmonic distortion Mono: 0.15 %, Stereo: 0.3 %

Capture ratio 1.5 dB

AM suppression 50 dB

Image rejection 70 dB

Effective selectivity 55 dB (\pm 400 kHz)

Frequency response 30 Hz - 15 kHz, +0.2, -1.5 dB

Stereo separation 40 dB (1 kHz)

■ AM Section

Tuning frequency range 520 - 1710 kHz

Usable sensitivity 18 μ V

■ General

Power supply AC 120 V, 60 Hz

Dimensions 434 (W) x 147 (H) x 417 (D) mm

17.1" (W) x 5.8" (H) x 16.4" (D)

Weight 9.2 kg, 20.2 lbs

*Design and specifications are subject to change without notice.

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