



The First Name
In Digital Audio

AM/FM STEREO RECEIVER

DRA-775RD

An Innovative Receiver That Does Just About Everything, Including Multi Room Entertainment

The DENON DRA-775RD receiver is a truly versatile component meeting today's increasingly complex A/V and pure audio system requirements. Not only does it deliver reliable high power and ensure high-quality sound, it also includes video input and output capabilities as well as DENON'S innovative Multi Room Music Entertainment System and easy-to-tune RDS broadcast reception capabilities. The Multi Room Music Entertainment System lets you set up an amp and speakers in a separate room, connect them to the DRA-775RD, and enjoy program sources independently of the listener in the main room. The remarkable DRA-775RD deserves a close look and a listen as the best possible solution for your audio/video system needs.



Multi Room Music Entertainment System / High-Quality Power Amplifier /
Pure Current Power Supply / Radio Data System (RDS)





Powerful, Versatile Amplifier

High-Quality Power Amplifier

High-speed, high-power transistors employed in a rational circuit configuration reflect DENON'S advanced amplifier technology and ensure a very hefty, clean power output.

Pure Current Power Supply

The DRA-775RD is endowed with the same type of power supply circuitry as DENON'S best integrated amplifiers. Known as the Pure Current Power Supply, it incorporates DENON'S original circuit and high-capacity transformer to suppress dynamic IM distortion by 60 dB, yielding high dynamic power.

Low-Impedance Speaker Drive

The power supply and power amplifier stage are designed to respond even to sudden dips in speaker impedance, so that the speaker drive remains stable under all load conditions.

Discrete Chassis Construction

The signal path in the DRA-775RD is kept as short as possible from input to output. The power amplifier section, which handles high-level signals, employs separate heat sinks in a totally separate symmetrical layout for the left and right channels. Power supply circuitry is located close to the respective destinations to further prevent signal losses and eliminate interference.

Frequency Synthesis Tuning

RDS Tuning System

The DRA-775RD offers four RDS features: RDS (station) Search, Program Type (PTY), Traffic Program Identification (TP), and Radio Text Message (RT).

RDS Search lets you search for stations currently broadcasting RDS signals. PTY lets you select from among 22 types of music and programs you want to listen to—such as Classical, Jazz, Rock, Top 40, News, Sports—and a station broadcasting the selected type is automatically tuned in. TP, when turned ON, automatically tunes to a station which is about to broadcast a traffic report. And RT receives and displays a message of up to 64 characters that the station tuned in is currently transmitting.

AM/FM 40 Station Random Preset Memory Tuning

The DRA-775RD offers random preset and recall of up to 40 stations. Tuning is as simple as pressing a button.

Auto Preset Memory

A maximum of 40 FM stations can be searched by the tuner and automatically stored into the preset memory. This feature is useful when you do not know all the frequencies of local stations.

Sophisticated Tuning Circuit Design

Thanks to the use of large-capacity microprocessor ICs in the tuning section, reception drift is a thing of the past. The DRA-775RD also has a 3-pole varactor diode in its front end to guarantee accurate input of station frequencies.

- Improved AM Reception
- Large New Fluorescent Display
- Additional Conveniences
- Auto scanning of radio frequency bands
 - Fast up/down manual tuning
 - Manual step tuning
- Last-channel-tuned memory





Your Audio/Video Control Center

Video and VCR Terminals

Audio systems can be easily upgraded to include versatile reproduction from video as well as audio sources, because the DRA-775RD is also equipped with VDP, VCR and Video Aux input and output terminals.

Video Select Switch

The DRA-775RD's Video Select function lets you select the desired video sources independently on the audio sources.

Easy Simulcast Copy

This feature not only permits reception and recording of FM/TV simulcast programs onto videotape, but it can also be used to combine, for example, the sound from a CD with the picture from a video disc.

- Pre-Out, Main-In Jacks • Rec Out Selector • 3-Way Speaker Terminals • Loudness Switch
- Bass & Treble control • Tone defeat Switch • Muting Switch (Remote only)

Multi Room Music Entertainment System

Multi Source Function

The DRA-775RD's Multi Source function lets you select different audio or video sources for viewing or listening. Different sources can thus be enjoyed in the main room and the second room simultaneously. This novel feature gives you considerable flexibility when setting up and enjoying your system with the DRA-775RD. The output level, adjustable by the remote commander, is as much as 1V, enough to operate the optional power amplifier placed in a second room.

Equipped for Room-to-Room Remote Control

Since A-B switching of speakers is possible by remote control, the DRA-775RD can be used in configuring a room-to-room remote control system by adding the optional RC-616/617S/617W/618. And because direct terminals for the RC-616 (IF Re-transmitter) are provided on the DRA-775RD, audio systems in locations that do not easily receive infrared based emissions can also be reliably operated.

By combining Room-to-Room control and the Multi Source function, you can select an audio or video source as well as adjust the volume level and tune in a broadcast station, all independently from a second room, even while the listener in the main room is enjoying a different program source.

Remote Control Functions

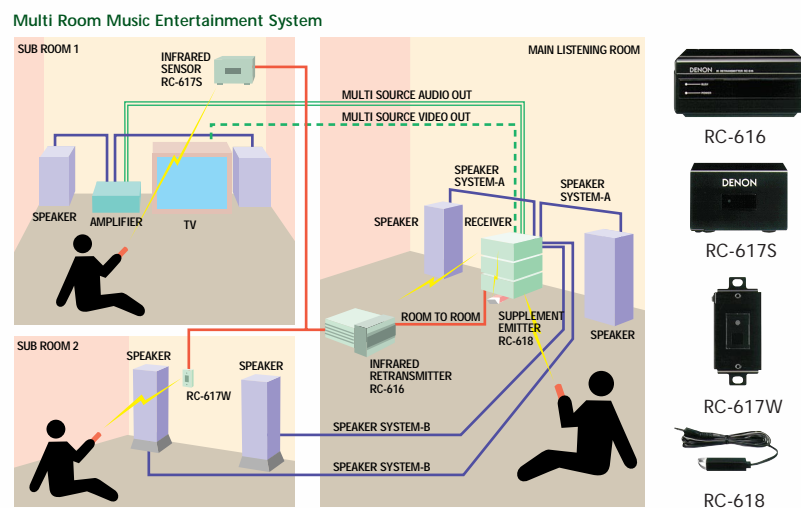
Integral System (IS) Remote Control Unit

The DRA-775RD includes Integral System (IS) Remote Control and it commands not only the receiver but can also operate the main functions of a DENON CD player and a cassette deck when they are included in the system.

Multi Source Remote Control Unit

In addition to the Integral System Remote Control, the DRA-775RD comes with the Multi Source Remote Control Unit, which operates the Multi Source Output and commands the receiver to select the function, tune the radio, and adjust the volume level from a second room.

- Switched AC Outlets • Motor-Driven Volume Control • A-B Speaker Switching • Last Function Memory





Specifications DRA-775RD

Power Amplifier Section

Rated output	90W + 90W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %)
Total harmonic distortion	0.009%(-3dB at rated output, 8 ohms)
Power bandwidth	5 Hz - 40 kHz (8 ohms, THD 0.15%)
Frequency response	20 Hz - 50 kHz \pm 1.5 dB (at 1W)
Output impedance	0.1ohm (1 kHz)

Preamplifier Section

Input sensitivity/ Impedance	PHONO (MM) : 2.5 mV/47 kohms CD, TAPE, VDP, VCR, V-AUX : 150 mV/ 47 kohms
Max. input level.	PHONO MM 150 mV/1 kHz
RIAA deviation	20 Hz - 20 kHz \pm 0.5 dB
Signal-to-noise ratio (A-weighted)	PHONO MM 86 dB (at 5mV input) CD, TAPE, VDP, VCR, V-AUX : 100 dB
Tone control	Bass 100 Hz \pm 10 dB Treble 10 kHz \pm 10 dB
Loudness control	100 Hz : + 10 dB, 10 kHz : + 7 dB (at LOUDNESS "on" position)

Video Section

Input Terminal	VDP, VCR, V-AUX : 1 Vp-p / 75 ohms
Output terminal	VCR, MONITOR, MULTI SOURCE : 1 Vp-p / 75 ohms

FM Section

Tuning frequency range	87.5 - 107.9 MHz
Usable sensitivity	0.9 μ V (10.3 dBf)
S/N 50 dB sensitivity (μ V at 75 ohms)	Mono : 1.6 μ V (15.3 dBf) Stereo : 23 μ V (38.5 dBf)
Signal-to-noise ratio (A-weighting)	Mono : 82 dB, Stereo : 78 dB
Total harmonic distortion	Mono : 0.1%, Stereo : 0.15%
Capture ratio	1.5 dB
AM suppression	50 dB
Image rejection	42 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
Signal-to-noise ratio	55 dB

General

Power supply, Power consumption	AC 120 V, 60 Hz, 3.4 A
Dimensions, Weight	434 (W) x 161 (H) x 416 (D) mm, 11.5 kg 17.1"(W) x 6.3" (H) x 16.4" (D), 25.0 lbs

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