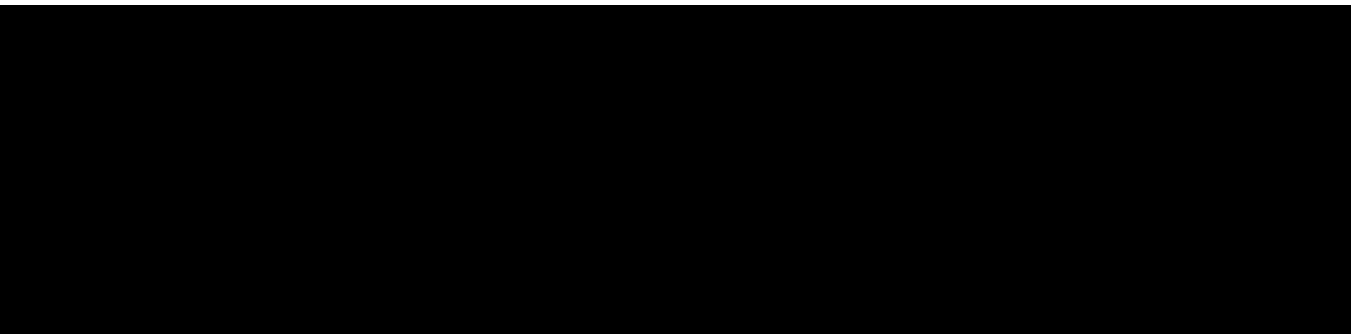




Outstanding surround sound at an affordable price, with Dolby Digital and DTS decoding.



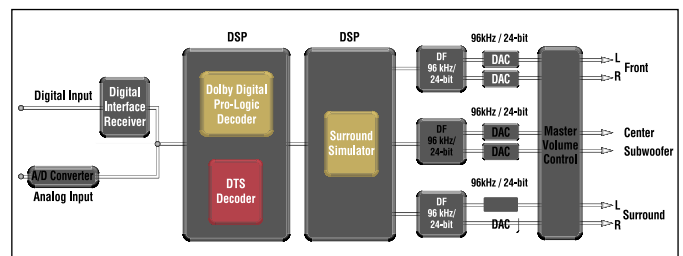
■ Equal Power Discrete Power Amplifier

Front 85 W + 85 W (8 ohms, 20Hz - 20kHz, 0.05% THD)
 Center 85 W (8 ohms, 20Hz - 20kHz, 0.05% THD)
 Surround 85 W + 85 W (8 ohms, 20Hz - 20kHz, 0.05% THD)

All five power amplifier channels feature discrete power output devices, and all five amplifier channels provide equal power with lowest distortion. Each channel is rated at 85 watts, into 8 ohms, from 20 Hz - 20 kHz, with no more than 0.05% THD. A hallmark of Denon A/V component design, the equal power amplifier provides outstandingly accurate reproduction of motion picture soundtracks and multi-channel music programs.

■ DDSC-Digital (Dynamic Discrete Surround Circuit-Digital)

Since surround signals are all processed in the digital domain, the AVR-2800 is equipped with a newly developed, sophisticated, high-performance DSP circuit with "Full Block Floating Point" calculations for the Dolby Digital, Dolby Pro-Logic, DTS decoders, and Surround Simulator. The D/A converters feature high resolution designs for all the Front L/R, Center, Surround L/R, and Subwoofer channels. This combination of DSP and D/A converters works to bring out the tremendous potential of Dolby Digital and DTS sound. In addition, high resolution A/D converters have been incorporated for the Dolby Pro-Logic decoder. The merits of all the latest technologies have been harnessed to reproduce the absolute highest quality in sound possible today.



Dynamic Discrete Surround Circuit-Digital Block Diagram

■ Dolby Digital

Dolby Digital and Dolby Pro Logic decoding functions are performed in the digital domain for excellent dynamic range and crystal clear reproduction.

■ DTS

Digital Theater Systems decoding provides thrilling movie and music multi-channel surround sound.

■ 96kHz, 24-bit Audio D/A Converter

■ 6-Channel External Input For Future Multi-Channel Formats

Prepared for the future, the AVR-2800 includes a six channel input, for connection to future multi-channel audio or A/V formats. Enjoy movie and music multi-channel programs today, knowing that there is a clear upgrade path for future developments.

■ Input/Output Terminals For Every A/V System

● Audio Inputs

- 1 Digital (Optical) Input ... OPTICAL
- 3 Digital (Coaxial) Input ... COAXIAL x 3
- 9 Analog Inputs PHONO, CD, TUNER, DVD, VDP, TV/DBS, VCR-1, VCR-2/V-AUX, MD/TAPE
- 6 Analog EXT. Inputs FRONT L/R, CENTER, SURROUND L/R, SUBWOOFER

● Audio Outputs

- 4 Analog Pre Outputs FRONT L/R, CENTER, SUBWOOFER
- 3 Analog Rec Outputs VCR-1, VCR-2/V-AUX, MD/TAPE

● Video Inputs

- 5 S-Video Inputs DVD, VDP, TV/DBS, VCR-1, VCR-2/V-AUX
- 5 Composite Inputs DVD, VDP, TV/DBS, VCR-1, VCR-2/V-AUX

● Video Outputs

- 3 S-Video Outputs VCR-1, VCR-2/V-AUX, MONITOR
- 3 Composite Outputs VCR-1, VCR-2/V-AUX, MONITOR

■ Pre Outputs for System Upgrading

The pre-out terminals on the AVR-2800 is offered for Front L/R, Center and Mono (Subwoofer) channels. A separate power amp can be connected to these terminals to upgrade your system.

■ Video Select Switch

This function lets you select video sources independently of the audio sources.

■ All-channel Level Control

■ Binding Post Speaker Terminals for All Channels

The Binding Posts are used for all speaker terminals on the AVR-2800 to give you secure connections with all types of wire.

■ Icon-based On-Screen Display

The AVR-2800 provides an On-Screen Display (OSD) featuring icons (pictorial representations) to let you easily monitor the current operating status. With the OSD, you can check or change the source you want to see, listen to or record, and you can also monitor or change the speakers, surround mode, or listening parameters. A quick glance at the OSD will now let you do what once required a series of complicated operations.

*Design and specifications are subject to change without notice.

**Dolby, "Dolby Digital", "Pro Logic", and the Surround Device are registered trademarks of Dolby Laboratories Licensing Corporation.

*DTS is registered trademarks of DTS Technology.

NIPPON COLUMBIA CO., LTD.
14-14, AKASAKA 4-CHOME, MINATO-KU, TOKYO 107-8011, JAPAN
Denon Home Page Address: <http://www.denon.co.jp>

■ Personal Memory Plus

The handy Personal Memory Plus function allows you to store the surround mode, the level settings for Center and Surround L/R speakers, as well as the delay time, to further customize the sound source. Simply push any source button and it will instantly display the settings stored for that source.

■ Multi-function Remote Controller

- Self-illuminated GLO-KEY Remote Controller with Easy Recognition Layout
- System Call Function to execute up to 10 successive pre-assigned commands at the single touch of a button
- Pre-Memory and Programming Function for non-DENON components

■ Frequency Synthesis Tuning

- Radio Data System (RDS) with RADIOTEXT
- 40-Station AM/FM Random Preset Memory Tuning
- Auto Preset Memory

■ Other Features

- Cinema Equalizer
- Music Surround Modes Including 5-channel Stereo
- "S" and Composite Video Switching
- A/B Front (left/right) Speaker Switching
Connect another pair of stereo speakers in another room.
- Multi-Room (Dual Zone) Pre-amp Outputs
- Tone Control
- Operating Status at a Glance on Easy-to-Read FL Display

Specifications

■ Power Amplifier Section

Rated output	*THD figures are power amp stage values.	
Front	85 W + 85 W	(8 ohms, 20Hz - 20kHz, 0.05% THD)
Center	85 W	(8 ohms, 20Hz - 20kHz, 0.05% THD)
Surround	85 W + 85 W	(8 ohms, 20Hz - 20kHz, 0.05% THD)

■ Preamplifier Section

Input sensitivity/Impedance	
PHONO(MM)	2.5 mV/47 kohms
CD, DVD, VDP, TV/DBS, VCR-1 VCR-2/V-AUX, MD/TAPE, FRONT L/R, CENTER, SURROUND L/R, SUBWOOFER	200 mV/47 kohms
Output level/Load Impedance	
FRONT L/R, CENTER, SUBWOOFER	1.2 V/10 kohms
VCR, MD/TAPE, MONITOR	200 mV/47 kohms
RIAA deviation	±1 dB (20 Hz - 20 kHz)
Tone control	Treble: ±10 dB at 10 kHz Bass: ±10 dB at 100 Hz

■ FM Section

Tuning frequency range	87.50 - 108.00 MHz
Usable sensitivity	1.0 μV (11.2 dBf)

■ AM Section

Tuning frequency range	522 - 1611 kHz
Usable sensitivity	18 μV

■ General

Power supply	AC 230 V, 50 Hz
Power consumption	--- W
Dimensions	434 (W) x 171 (H) x 416 (D) mm
Weight	--- kg