



*Gold Version Available.

Eminently Affordable, High-Quality Ambiance For Your Home Theater.

The AVR-1800 is an A/V surround receiver that lets you enjoy Dolby Digital and dts surround sound with maximum ease. To ensure that all channels deliver an identical response—a vital requirement of both Dolby Digital and dts—the AVR-1800 is equipped with fully discrete, equal power amplifiers. Sound effects linked with the action in a movie will thus move in the listening space around you and greatly heighten the sense of realism.

The AVR-1800's remote controller features a newly-developed liquid crystal display that makes operation from your seat easier than ever. You can operate system set-up procedures, such as making adjustments to obtain optimum surround performance, using the display on the remote controller rather than on the AVR-1800 itself.

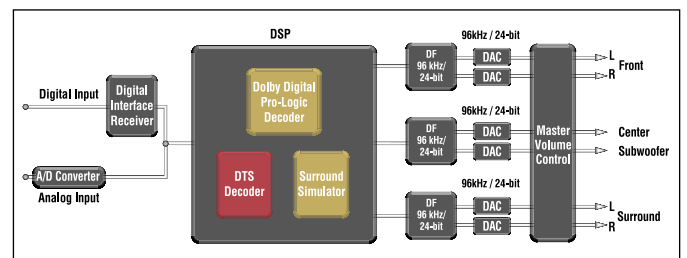
■ Fully Discrete, Equal Response and Power of 75 W for Each Channel

Front	75 W + 75 W	(8 ohms, 20Hz - 20kHz, 0.05% THD)
Center	75 W	(8 ohms, 20Hz - 20kHz, 0.05% THD)
Surround	75 W + 75 W	(8 ohms, 20Hz - 20kHz, 0.05% THD)

The AVR-1800 uses a high-capacity power transformer in the power circuit to support not only stable reproduction of 5.1-channel Dolby Digital / dts sound sources but also high-quality pure audio recordings. The fully discrete configuration of the power amp section delivers equal power to the Front Left and Right, Center, and Surround (Rear) Left and Right speakers to ensure that they all respond at identical levels. During surround sound reproduction, the AVR-1800 taps its powerful reserves of 75 W for each of the 5 channels to surround you with a refreshingly clean, realistic sound.

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

Since surround signals are all processed in the digital domain, the AVR-1800 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

■ Affordable, High-Performance Dolby Digital and DTS

The AVR-1800 gives you high-performance Dolby Digital and dts at a price you can afford. With a fully discrete configuration for each of the unit's five channels, the AVR-1800's Dolby Digital and dts decoder recreates the sound space of a video program in real-life 3D perspective, with an exciting sense of motion that accompanies the images on the screen.

■ 96kHz, 24-bit Audio D/A Converter

■ 6-Channel External Input, for Multi-Channel Sound

Prepared for the future, the AVR-1800 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 of future developments.

■ Input/Output Terminals For Every A/V System

● Audio Inputs

1 Digital (Optical) Input ... OPTICAL
2 Digital (Coaxial) Input .. COAXIAL x 2
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

1 Analog Pre Outputs SUBWOOFER
3 Analog Rec Outputs VCR-1, VCR-2/V-AUX, MD/TAPE

● Video Inputs

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

● Video Outputs

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

■ 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-1800 to give you secure connections with all types of wire.

■ Acclaimed Customization Feature

As with all of DENON's high-grade A/V amplifiers, the AVR-1800 lets you adjust delay times and other parameters so that you can customize the performance of the AVR-1800 to suit your own home theater and enhance operating ease. The adjustments are easy to make via a dialog format on the fluorescent display on the remote controller.

■ Personal memory Plus, for Ease Operation

The AVR-1800 includes the Personal Memory Plus function that automatically remembers the surround mode you last used for each program source, so that you do not need to select the mode again for that program.

■ Easy Operation with New Remote Controller

● Dot Matrix LCD (10 characters)

Since the LC display on the remote controller is a dot matrix type, the characters are easier to read, and up to 10 characters can be displayed at any one time.

● Direct Surround Mode Key

The remote controller includes a button for each surround mode, letting you switch immediately to the surround mode you want to use.

● Preset Memory (Over 100 Built-in Codes)

Since the remote controller is preprogrammed with more than 100 remote control codes, you can use the AVR-1800's remote controller to operate not only DENON equipment but components made by other manufacturers as well. (Some components may not be supported by Preset Memory.)

■ 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

● A/B Front (left/right) Speaker Switching

Connect another pair of stereo speakers in another room.

● Tone Control

Specifications

■ Power Amplifier Section

Rated output *THD figures are power amp stage values.
Front 75 W + 75 W (8 ohms, 20Hz - 20kHz, 0.05% THD)
Center 75 W (8 ohms, 20Hz - 20kHz, 0.05% THD)
Surround 75 W + 75 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
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

*Design and specifications are subject to change without notice.

**Dolby, "Dolby Digital", "Pro Logic", and the double-D device are registered trademarks of Dolby Laboratories Licensing Corporation.

*DTS is registered trademarks of DTS Technology.