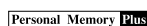


DTS-ES Discrete 6.1 and Dolby Digital EX with Power Amps for 7 Channels



Audio section

■ Fully Discrete, Equal Power 7 Amplifier Channels, 75 Watts Each

Front	75 W + 75 W	(8 ohms, 20 Hz - 20 kHz, 0.08 % THD)
Center	75 W	(8 ohms, 20 Hz - 20 kHz, 0.08 % THD)
Surround	75 W + 75 W	(8 ohms, 20 Hz - 20 kHz, 0.08 % THD)
Surround Back	75 W + 75 W	(8 ohms, 20 Hz - 20 kHz, 0.08 % THD)

■ High-Quality Surround Sound Reproduction

- High Resolution 32bit Floating Point DSP
- 96 kHz Processing Circuit

■ DENON's Basic Design for High-Quality Sound Reproduction

- Power Transformer for High Power Driven
- Twin Drive Rectifier
- Large Aluminum Extruded Heatsink

■ Wide-Range Play Capability for DVD-Audio and Super Audio CD

The power amp circuits of the AVR-1507 have been meticulously designed to reproduce the exceptionally high sound quality with wide frequency response from 10 Hz to 100 kHz.

■ Dual Channel Surround Back Power Amp for 7.1 Surround

The AVR-1507 is equipped with a total of 7 power amps including 2 for the Surround Back channel speaker to give you more clearly defined sound localization at the rear for 6.1-channel surround sources such as DTS-ES Discrete 6.1, DTS-ES Matrix 6.1, Dolby Digital EX, and DTS-ES NEO:6.

■ Cinema Equalizer

The sound from movie sources recorded in Dolby Digital, DTS or other formats emphasizes high-frequency range due to a theater's front speakers being placed behind the movie screen. If this sound is reproduced in the home theater without correction, the high-frequency range is too strong. The AVR-1507 features a Cinema Equalizer to correct these high-frequency components so that the sound is clearer and easier to listen to. (For Dolby Digital, Dolby Pro Logic II, Dolby Digital EX and DTS surround modes)

■ Assignable surround back (L/R) amplifiers for Multi-zone playback

Amplifiers initially reserved for Surround back (L/R) channels can be assigned to Zone 2 speakers.

■ Supports the most advanced surround playback formats

- DTS 96/24 Decoding for DVD-Video
- DTS-ES Discrete 6.1 and Matrix 6.1
- DTS NEO:6
- Dolby Digital EX
- Dolby Pro Logic IIx

■ DENON DSP Surround Modes Add Listening Excitement

Put yourself in the middle of your favorite concert hall and music environments with DENON's DSP acoustic environment simulation modes. These DSP modes add spacious surround sound enhancements to your favorite music and video sources, and include these distinctly different sounding effects:

1. 5 / 7 Channel Stereo
2. Virtual Surround
3. Rock Arena
4. Jazz Club
5. Video Game
6. Matrix
7. Mono Movie

Video section

■ Component video circuits which maintain flat response up to 30 MHz, ensuring sharp image quality

■ 3 Sets of Component Video Inputs

■ 3 Sets of S-Video Switching

Connectivity and Usability

■ Variable subwoofer crossover switching
(40/60/80/90/100/110/120/150/200/250Hz)

■ ASD-1R Control Dock for iPod® (option): Supports iPod playback when connected to the AVR-1507

iPod (*1) playback can be enjoyed through the AVR-1507 when the ASD-1R, Denon's original Control Dock for iPod (sold separately), is connected to the dedicated control terminal of the AVR-1507. The iPod can also be controlled via the remote controller supplied with the AVR-1507.

*1) Supports 3rd-generation and later iPods equipped with a Dock connector. Some functions may not work depending on the generation of the iPod and the version of the software..

Please visit <http://blog.denon.com/asd-1r/>

for more details on compliant models and connection procedures.

■ XM Satellite Radio Ready with optional XM Passport System*
(Supports XM 5.1ch surround powered by Neural Audio)

*Subscription to XM services also required.

■ New simple remote for easy operation

■ 3 user mode buttons

■ 8ch External Inputs



Black version is also available.

AVR-1507

Other features

■ Acclaimed Customization Feature

As with all of DENON's high-grade A/V receiver, the AVR-1507 lets you adjust parameters so that you can customize the performance of the AVR-1507 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 front panel. These customized features are then stored, for each source input and surround mode, in Personal Memory Plus so constant readjustments are not required.

■ Personal Memory Plus, for Easy Operation

The AVR-1507 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.

■ 5 Channel/ 7 Channel Stereo Mode

DENON's popular 7 Channel Stereo mode transforms your favorite 2-channel sources such as CD, tape, stereo radio and stereo video sources into exciting surround sound, free of delay effects and unnatural artifacts, from all 7 speakers. This 7 Channel Stereo mode was originally developed by DENON to enhance music lovers' enjoyment with home theater ambience.

■ Night Mode for not disturbing others

■ Front Panel Inputs

■ Front A/B Speaker Terminals

■ High-grade Speaker Terminals (All ch)

■ Remote In/Out Ports

■ Frequency Synthesis Tuning

- 56-Station AM/FM/XM Random Preset Memory Tuning
- Auto Preset Memory

Input/Output Terminals For Every A/V System

Audio Inputs

8 Analog Inputs

CD, (TUNER), DVD/VDP, TV/DBS, AUX, VCR, CDR/TAPE, V.AUX(FRONT)

8 Analog EXT. Input

FRONT L/R, CENTER, SURROUND L/R, SURROUND BACK L/R, SUBWOOFER

4 Digital Input

OPTICAL X 2
COAXIAL X 2

Audio Outputs

1 Analog PRE OUT Terminals

SUBWOOFER

2 Analog REC OUT Terminals

VCR, CDR/TAPE

Video Inputs

4 Composite Inputs

DVD/VDP, TV/DBS, VCR, V.AUX(FRONT)

3 S-Video Inputs

DVD/VDP, TV/DBS, VCR

3 Component Inputs

DVD/VDP, TV/DBS, VCR

Video Outputs

2 Composite Outputs

VCR, MONITOR

2 S-Video Outputs

VCR, MONITOR

1 Component Output

MONITOR

Specifications

Power Amplifier Section

Rated output *THD figures are power amp stage values.

Front	75 W + 75 W	(8 ohms, 20 Hz - 20 kHz, 0.08 % THD)
	110 W + 110 W	(6 ohms, 1 kHz, 0.7 % THD)
Center	75 W	(8 ohms, 20 Hz - 20 kHz, 0.08 % THD)
	110 W	(6 ohms, 1 kHz, 0.7 % THD)
Surround	75 W + 75 W	(8 ohms, 20 Hz - 20 kHz, 0.08 % THD)
	110 W + 110 W	(6 ohms, 1 kHz, 0.7 % THD)
Surround Back	75 W + 75 W	(8 ohms, 20 Hz - 20 kHz, 0.08 % THD)
	110 W + 110 W	(6 ohms, 1 kHz, 0.7 % THD)

Preamplifier Section

Input sensitivity/Impedance

V.AUX(FRONT)

Output level/Load impedance

CD, DVD/VDP, TV/DBS, VCR, CDR/TAPE, AUX
200 mV/47 kohms
SUBWOOFER 1.2 V/10 kohms
CDR/TAPE, VCR 200 mV/47 kohms
10 Hz - 100 kHz (+1, -3 dB) (Tone Defeat On)
98 dB (IHF-A weighted) (Tone Defeat On)
Treble: ±12 dB at 10 kHz
Bass: ±12 dB at 100 Hz

FM Section

Tuning frequency range

Usable sensitivity

87.5 - 107.9 MHz

1.0 μV (11.2 dBf)

AM Section

Tuning frequency range

Usable sensitivity

520 - 1710 kHz

18 μV

General

Power supply

Power consumption

Dimensions

AC 120 V, 60 Hz

4.3 A

17-3/32" (W) x 5-25/32" (H) x 16-9/64" (D)

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

11.2 kg, 24 lbs 11 oz



*Design and specifications are subject to change without notice.
*“Dolby”, “Dolby Digital”, “Pro Logic I”, “Dolby Digital EX” and the double-D device are registered trademarks of Dolby Laboratories Licensing Corporation.
*DTS is registered trademarks of DTS Technology.
*iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.
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