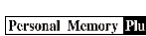
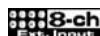


A/V Surround Receiver

AVR-987P

The AVR-987P is Denon's latest addition of versatile A/V Receivers, which incorporate all current surround formats and enhanced installation flexibility, all with great simplicity of setup and operation.



Key Features

■ Audio Section

Fully Discrete, Equal Power Seven Amplifier Channels, 110 Watts Each

Front (A,B): 110 W + 110 W (8 ohms, 20Hz - 20kHz, 0.05% THD)

Center 110 W (8 ohms, 20Hz - 20kHz, 0.05% THD)

Surround 110 W + 110 W (8 ohms, 20Hz - 20kHz, 0.05% THD)

Surround Back 110 W + 110 W (8 ohms, 20Hz - 20kHz, 0.05% THD)

The AVR-987P features an equal power 7-channel amplifier section, with identical amplifier design and high current discrete output devices on all 7 channels. Each of the 7 amplifier channels is rated at 110 watts, into 8 ohms, from 20 Hz - 20 kHz with no more than 0.05% THD.

Digital interface receiver supporting 24-bit/192 kHz signals

Supports most advanced surround playback formats

Dolby Digital EX/ Dolby Digital/ Dolby Pro Logic IIx/ DTS-ES/ DTS 96/24/ DTS Neo:6/ DTS

Configurable surround back amplifiers

Multi-zone system: a 5.1 channel theater in the main room and a stereo environment in a second room.

■ Video Section

HDMI digital video interface supporting high-quality video of 1080P (*1)

The AVR-987P has HDMI digital video interface terminals (2 inputs and 1 output) that can be switched for high-resolution 1080p video signal transmission. These HDMI terminals also support digital input of multi channel audio signals.

*1) Version 1.1 compliant. Since HDCP is also supported, video cannot be viewed on a non-HDCP display connected to the AVR-987P; please connect a HDCP-compliant display when viewing video material.

Video Up/Down conversion capable of output to HDMI

The AVR 987P includes a video up/down conversion function that allows the unit to be connected to the monitor via a single cable regardless of the video input signal's format as follows:

- 1) Composite video signals are converted to HDMI (*2) component video, & S-video;

- 2) S-video signals are converted to HDMI (*2) component video, & composite video;

- 3) Component video signals are converted to HDMI (*2), composite video (*3), & S-video(*3).

*2. I/P conversion from 480i/576i to 480p/576p

*3. Down-conversion from component video to composite or S-video applies only to 480i input signals.

3 Sets of Component Video Inputs

High Definition Quality Video Switching

■ Connectivity/ Expendability

ASD-1R iPod Control Dock (option): Supports iPod playback when connected to the AVR-987P

iPod (*4) playback can be enjoyed through the AVR-987P when the ASD-1R, Denon's original iPod Control Dock (sold separately), is connected to the dedicated component terminal of the AVR987P. The iPod can also be controlled via the remote controller supplied with the AVR-987P.

*4) 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.

XM Satellite Radio Ready with optional 'Connect and Play' antenna*

*Subscription to XM services also required.

8 ch Analog EXT IN terminal

■ Other Features:

- RS-232C Control Port to support AMX, Crestron or 3rd party integrated control systems
- Audio Level Memory, for correcting different signal levels from each input device
- Volume Level Limiter, for limiting the maximum volume value
- On-screen Display
- Setup Lock, for locking the system setup.
- Pre-programmed learning remote controller with GLO-key
- Detachable AC Power Cord
- Frequency Synthesis Tuning
- 56-Station AM/FM Random Preset Memory Tuning
- Auto Preset Memory
- Custom Rack Mount Kit Included

Continue on next page

AVR-987P

Continued from previous page

■ Input/Output Terminals For Every A/V System

Audio Inputs

- 11 Sets Analog Inputs
PHONO, CD, (TUNER), DVD, VDP, TV, DBS, VCR-1, VCR-2, CDR/TAPE, V.AUX (FRONT)
- 1 Set 8-ch Analog EXT. Input
FRONT L/R, CENTER, SURROUND L/R, SUBWOOFER
- 7 Sets Digital Input
OPTICAL x 5 (Including FRONT x 1) (Assignable)
COAXIAL x 2 (Assignable)

Audio Outputs

- 1 Set 8-ch Analog PRE Output
FRONT L/R, CENTER, SURROUND, L/R, SURROUND BACK L/R, SUBWOOFER
- 3 Sets Analog REC Output
VCR-1, VCR-2, CDR/TAPE
- 1 Set Analog Multi Zone LINE Output
ZONE2 L/R
- 2 Digital Outputs
Optical x 2

Video Inputs

- 3 Sets Component Video Input
VIDEO-1, VIDEO-2, VIDEO-3
- 7 Sets S-Video Input
DVD, VDP, TV, DBS, VCR-1, VCR-2, V.AUX (FRONT)
- 7 Sets Composite Input
DVD, VDP, TV, DBS, VCR-1, VCR-2, V.AUX (FRONT)

Video Output

- 2 Sets Component Video Output
MONITOR 1, MONITOR 2
- 4 Sets S-Video Output
VCR-1, VCR-2, ZONE-2, MONITOR
- 3 Sets Composite Output
VCR-1, VCR-2, ZONE-2, MONITOR

Specifications

Power Amplifier Section

Rated output *THD figures are power amp stage values.

Front - 110 W + 110W (8 ohms, 20 Hz - 20 kHz, 0.05 % THD)

Center - 110 W (8 ohms, 20 Hz - 20 kHz, 0.05 % THD)

Surround - 110 W + 110W (8 ohms, 20 Hz - 20 kHz, 0.05 % THD)

Surround Back - 110 W + 110W (8 ohms, 20 Hz - 20 kHz, 0.05 % THD)

Preamplifier Section

Analog

Input sensitivity/impedance 200mV/47kohms
Frequency response 10Hz-100kHz(+0,-3dB direct mode)
S/N 102dB(direct mode) Rated output 1.2V

Digital

D/A output 2.0V

Phono

Input sensitivity/impedance 2.5mV
RIAA deviation +/-1dBb (20Hz to 20kHz)
Rated output 150mV

Video Section

Frequency response
Composite video/S-video 5Hz-10MHz (+0,-3dB)
Component video 5Hz-100MHz (+0,-3dB)

FM Section

Tuning frequency range 87.5 - 107.9 MHz
Usable sensitivity 1.0 μ V (11.2 dBf)

AM Section

Tuning frequency range 520 - 1710 kHz
Usable sensitivity 18 μ V

General

Power supply AC120V, 60Hz

Power consumption 6.0A (1W max at standby mode)

Dimensions 434 (W) x 171 (H) x 429 (D) mm

17.1" (W) x 6.7" (H) x 16.9" (D)

Weight 14.0kg (30lbs 14oz)

PLEASE NOTE:

*Design and specifications are subject to change without notice.

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DENON
PROFESSIONAL

marantz
PROFESSIONAL

1 2 3 4 5 6 7 8 9
min | max
LEVEL