

AVR-988

AV Surround Receiver

DENON

AV Surround Receiver featuring Dolby TrueHD, dts-HD Master Audio and HD Video that enhances your level of entertainment enjoyment.



Bullet points

The Latest HD Audio and Video Support

- Dolby TrueHD and dts-HD Master Audio decoders
- Deep Color up to 36-bit and xvYCC broader color space support
- HDMI 1.3a inputs/output that handle HD audio and video signals

Dynamic Discrete Surround Circuit, D.D.S.C.-HD

- Discrete Devices for ultimate performance in each block
- Dual New 32-bit floating point DSP
- Master clock design for more accurate processing and less jitter noise
- AL24 Plus processing provides more dynamic range

Latest version MultEQ XT

- New tower type microphone for more accurate measuring
- Up to eight measurement points
- New filtering ALFC (Adaptive Low Frequency Correction) for higher resolution processing in low frequency band.

HD Video Circuit

- Discrete devices for ultimate HD video performance in each block
- Faroudja DCDi Video Processing
- Analog video to HDMI scaling up to 1080p
- 1080p video pass through
- 12-bit/216-MHz video encoder and decoder with NSV

New Chassis Construction for clear audio and video signal

- Minimum signal path design
- Direct Mechanical Ground for stable drive
- Separate unit design

Digital Media Connectivity

- Network Audio/Photo Ready (optional ASD-3N/3W)
- iPod Audio/Photo and Video playback (optional ASD-1R/3N/3W)
- XM Ready

*Shown ASD-3W



Compressed Audio Restorer

Denon's new audio technology for MP3/WMA/AAC compressed audio formats to reproduce higher frequency range and deeper bass sound.

Ease-of-Use

- Auto set-up and Room EQ, featuring MultEQ XT from Audyssey
- Includes dedicated zone remote control unit
- Auto Lip Sync (HDMI 1.3a)
- New back panel layout

Multi-Zone Capability

- Two Zone multi-source capability
- Digital to analog conversion for multi-zone output
- Dual component outputs
- Remote in/out
- RS-232C control
- Optional RC-7000CI/7001RCI 2way control ready

State-of-the-art Denon Solutions for Maximizing Content Quality

- Identical quality and power for all 7 channels, 110W x 7ch
- Digital / Analog separate windings
- Large-output power amp section and power supply configuration for stable high-power output
- Stable power supply for high-quality sound and picture playback
- 24-bit/192-kHz D/A converter for all channels
- Pure Direct mode, for the enjoyment of music in high-quality sound
- Variable subwoofer crossover switching
- Pre-amp with Variable Gain Volume

Other Features

- 3 Quick Select Buttons
- Auto Surround Back Channels ON function, for auto-detection of supporting sources
- Auto Surround mode
- Audio Delay function (max. 6 frames or 200 msec)
- Night Mode for neighbor friendly listening
- Muting level settings (Full/-40dB/-20dB)
- Audio Level Memory, capable of correcting different signal levels for each input device
- Volume Level Limiter, for setting maximum volume levels
- Power-ON Volume Level Memory
- EL programmable remote control unit

Input / Output terminals

IN			OUT		
HDMI	2		HDMI Monitor	1	
Component	3		Component Monitor	2	
S-Video	7		S-Video REC	2	
Composite	7		Monitor	1	
Analog audio (Tuner included)	10		Composite REC	2	
Analog EXT. Input	7.1ch		Main Monitor	1	
Digital OPTICAL	4		Zone 2 Monitor	1	
Digital COAXIAL	3				
			Analog audio REC	2	
			Zone 2	1	
			Analog Preout	7.1ch	
			Digital OPTICAL	2	
			Others		
			Trigger +12V, 150mA	2	
			RS-232C	1	
			Remote In/Out	1/1	

Specifications

Power Amplifier Section	
Rated output	*THD figures are power amp stage values.
Front	110 W + 110 W (8 ohms, 20Hz - 20kHz)
	140 W + 140 W (6 ohms, 1kHz)
Center	110 W (8 ohms, 20Hz - 20kHz)
	140 W (6 ohms, 1kHz)
Surround	110 W + 110 W (8 ohms, 20Hz - 20kHz)
	140 W + 140 W (6 ohms, 1kHz)
Surround back	110 W + 110 W (8 ohms, 20Hz - 20kHz)
	140 W + 140 W (6 ohms, 1kHz)
Preamplifier Section	
Input sensitivity/impedance	
PHONO(MM)	2.5 mV/47 kohms
Audio inputs	200 mV/47 kohms
Output level/Load impedance	
Audio outputs	1.2 V/10 kohms
Rec. Audio outputs	200 mV/47 kohms
FM Section	
Tuning frequency range	87.5 - 107.9 MHz
Usable sensitivity	1.0 µV (11.2 dBf)
AM Section	
Tuning frequency range	520 - 1710 kHz
Usable sensitivity	18 µV
General	
Power supply	AC 120 V, 60 Hz
Dimensions (WxHxD)	434 x 171 x 427 mm
	17-3/32" x 6-47/64" x 16-13/16"
Weight	13.2 kg, 29.1 lbs



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