

AVR-4810

AV Surround Receiver

DENON

A/V surround receiver, lavishly endowed with technology and experience inherited from Denon's high-end A/V components

Versatile and uncompromising upper class A/V surround receiver with 9 ch amplifier, network audio, photo streaming and more, for home entertainment enthusiasts



Features

Key Features

- **HDMI full compatibility**
 - HDMI one cable connection (Analogue video to HDMI up conversion) to your HDTV
 - 6 x HDMI inputs (include 1 front panel)
 - Dolby TrueHD and DTS-HD Master Audio decoder
 - GUI
- **HDMI clock control via DENON LINK 4th**
- **Clock jitter reducer available for all digital inputs**
- **Audyssey DSX processing**
- **Dolby Pro Logic IIz processing**
- **High bit i/p converter and scaler up to 1080p**
 - Multi cadence detection for SD and HD video signal
 - Digital noise reduction and enhancer
- **USB digital direct connection for iPod (audio only)**
- **Enhance network capability**
 - Wi-Fi (802.11 b/g compatible)
 - Internet Radio and network audio/photo streaming from PC/MAC, server
 - Napster online support (Napster Germany and Napster UK)
 - 'Party Mode'
 - Web control
 - Firmware updates and upgrades
- **Sleep timer function**
- **High grade binding post speaker terminals for all channels**

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

- **Identical quality and power for all 9 channels, 140 W**
- **Dynamic Discrete Surround Circuit, D.D.S.C.-HD**
 - New triple 32-bit floating point high precision DSP processors
 - Advanced AL24 Processing Multi Channel provides more dynamic range
 - Differential D/A converters
- **Stable power supply for high-quality sound and picture playback**
- **Compressed Audio Restorer to enhance digital music files**
- **Dolby TrueHD and DTS-HD Master Audio decoders**
- **Denon's high picture quality circuitry, to enhance enjoyment of existing DVDs**
- **Analog to HDMI up-conversion, I/P converter and scaler on HDMI to HDMI**
- **Video digital noise reduction, to optimise effects for both SD and HD content**
- **Vertical stretch (supporting the CinemaScope aspect ratio)**
- **Minimum Signal Path for clear audio and video signal**
- **Direct Mechanical Ground Construction, embodying concepts for thorough vibration resistance**
- **Digital / analog separate windings**
- **Compressed Audio Restorer to enhance digital music files**
- **Pure Direct function**

Connectivity & Future-ready Expandability

- RadioTEXT with RDS
- Mass storage support USB for audio and photo playback (MTP compatible)
- 4 source / 4 zone capability
- Power amplifier, assign for zone 2 or 3
- Bi-amp or Bi-wiring capability
- Zone 4 optical digital audio output
- Audio/video playback and control for iPod with optional dock (ASD-11R)
- 2way remote ready (optional: Denon RC-7000CI/RC-7001RCI)
- Zone 2 Component output
- USB digital direct connection for iPod (audio only)



Ease-of-use

- Advanced GUI, superimposed on HDMI (up to 1080p)
- Dual HDMI outputs enabling simultaneous output to video projector and flat panel
- Audyssey Dynamic Volume, for real-time volume adjustment
- Audyssey Dynamic EQ selects the correct frequency response and surround volume levels on a moment by moment
- Audyssey MultEQ XT Auto setup and Room EQ
- 2-line fluorescent display on front panel
- Three Quick Select Buttons
- EL pre memory & learning remote control unit +zone remote control unit
- Auto surround mode
- Audio level memory, capable of correcting different signal levels for each input device
- Variable subwoofer crossover switching

Others

- HDMI (ver.1.3a supporting HD audio decode/ Deep Color/ "x.v.Color"/ Auto Lipsync) (repeater)
- Support HDMI CEC
- Remote Installer Access via DPMS
- PC setup via Ethernet (Web setup)
- AMX, Crestron third party IP control support with RS-232C port
- 150mA Trigger output
- IR Remote in/out ports

Main Specifications

Power amplifier section

Rated output	*THD figures are power amp stage values.
Front L/R	140 W + 140 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 180 W + 180 W (6 ohms, 1 kHz, THD 0.7%)
Center	140 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 180 W (6 ohms, 1 kHz, THD 0.7%)
Surround L/R	140 W + 140 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 180 W + 180 W (6 ohms, 1 kHz, THD 0.7%)
Surround Back L/R	140 W + 140 W (Front Height / Front Wide) (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 180 W + 180 W (6 ohms, 1 kHz, THD 0.7%)
Front Height L/R	140 W + 140 W (Front Wide) (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 180 W + 180 W (6 ohms, 1 kHz, THD 0.7%)

Preamplifier section

Input sensitivity/impedance	
PHONO (MM)	2.5 mV
Audio inputs	200 mV / 12 kohms (except for EXT. IN [SW, S, SB], CD, PHONO, V. AUX) 200 mV / 47 kohms (EXT. IN [SW, S, SB], CD, PHONO, V. AUX)

Output level/Load impedance

Audio outputs	1.2 V
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FM section

Tuning frequency range	87.5 - 108.0 MHz
Usable sensitivity	1.0 uV (11.2 dBf)

AM section

Tuning frequency range	522 - 1611 kHz
Usable sensitivity	19 uV

General

Power supply	AC 230 V, 50 Hz
Power consumption	910 W (Standby 0.1 W)
Dimensions (W x H x D)	434 x 195 x 424 mm
Weight	42 lbs 2oz, 19.1 kg

Ports

In	HDMI (included front 1)	x 6
	Component	x 3
	S-Video	x 7
	Composite (Video)	x 7
	Analog Audio (Tuner included)	x 10
	Analog EXT. Input	7.1ch
	Digital Optical	x 3
	Digital Coaxial	x 3
	DENON LINK	x 1
Out	HDMI Monitor	x 2
	Component Monitor	x 1
	Component (Zone2)	x 1
	S-Video Monitor	x 1
	S-Video	x 2
	Composite Monitor	x 1
	Composite	x 2
	Composite (Zone2)	x 1
	Analog Audio REC	x 2
	Audio Preout	
	(Zone2/ Zone3/ 7.3ch/ 4ch [F. Height / F. Wide])	x 3
	Digital Optical	x 1
	Digital Optical (Zone4)	x 1
	Phones	x 1
Others	Microphone Port	x 1
	Dock Control Port	x 1
	FM Tuner Antenna	x 1
	AM Tuner Antenna	x 1
	Ethernet	x 1
	Wi-Fi Rod antenna	x 1
	USB (front panel or back panel)	x 2
	RS-232C	x 1
	Remote Control In/Out	1 / 1
	DC12V 150mA MAX. trigger out	x 2



*Premium silver version is also available.

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