

New model information

AVR-4810CI

AV Surround Receiver

DENON



A/V surround receiver, fully equipped with the latest technology and experience inherited from Denon's high-end A/V components

Versatile and uncompromising premium class A/V multi-source, multi-zone surround receiver with 9 amplifier channels, network audio, photo streaming, internet radio and more, for home entertainment enthusiasts looking for the ultimate A/V experience



Features

Key Features

- HDMI full compatibility
 - HDMI one cable connection (Analog video upconversion to HDMI) to your HDTV
 - 6 x HDMI inputs (includes 1 conveniently located on the front panel)
 - Dolby TrueHD and DTS-HD Master Audio decoders, Dolby Digital +, DTS HR
 - Graphical User Interface (GUI)
- HDMI clock control via DENON LINK 4th for jitter-free high resolution audio
- Clock jitter reducer available for all digital inputs
- Audyssey Dynamic Sound Expansion (DSX) processing (front height and/or width)
- Dolby Pro Logic IIz processing (front height)
- High bit i/p converter and scaler up to 1080p featuring Anchor Bay VRS ABT-2010
 - Multi-cadence detection for SD and HD video signals
 - Digital noise reduction and enhancer for SD and HD content
- USB digital direct connection for iPod/iPhone* (audio only)
- Enhanced network capability
 - Wi-Fi built-in (802.11 b/g compatible); Ethernet wired LAN port also included
 - Internet Radio and network audio/photo streaming from PC/MAC, server
 - Napster and Rhapsody online access (subscriptions required)
 - '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 Maximizing Content Quality

- Identical quality and power for all 9 channels, 140 W
- Dynamic Discrete Surround Circuit, D.D.S.C.-HD
 - New dual 32-bit floating point high precision DSP processors
 - Advanced AL24 Processing Multi Channel provides more dynamic range
 - Burr-Brown 24-bit/192-kHz Differential D/A converters on all channels, including dedicated L/R
- Stable power supply for highest quality sound and picture playback
- Compressed Audio Restorer to enhance digital music files
- Dolby TrueHD and DTS-HD Master Audio high resolution decoders
- Denon's high picture quality circuitry, to enhance enjoyment of existing DVDs
- Analog to HDMI upconversion, I/P converter and scaler to 1080p via HDMI to HDMI
- Video digital noise reduction, to optimize effects for both SD and HD content
- Vertical stretch (supporting the Cinema Scope 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
- Audyssey Dynamic Volume, Dynamic EQ, MultEQ XT audio processors
- Pure Direct function

Connectivity & Future-ready Expandability

- XM and Sirius satellite radio ready
- HD Radio built-in
- 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 for iPod/video playback and control for iPod with optional dock (ASD-11R)
- USB digital direct connection for iPod/iPhone (audio only)



Ease-of-use

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

Custom Integration Features

- 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

Others

- HDMI (ver.1.3a supporting HD audio decoding, Deep Color, x.v.Color, Auto Lipsync) (repeater)
- Supports HDMI CEC

Main Specifications

Power amplifier section		Preamplifier section	
Rated output	*THD figures are power amp stage values.	Input sensitivity/impedance	
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%)	PHONO (MM)	2.5 mV
Center	140 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 180 W (6 ohms, 1 kHz, THD 0.7%)	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)
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%)	Output level/Load impedance	Audio outputs 1.2 V
Surround Back L/R (Front Height / Front Wide)	140 W + 140 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 180 W + 180 W (6 ohms, 1 kHz, THD 0.7%)	FM section	
Front Height L/R (Front Wide)	140 W + 140 W (8 ohms, 20 Hz - 20 kHz, THD 0.05 %) 180 W + 180 W (6 ohms, 1 kHz, THD 0.7%)	Tuning frequency range	87.5 - 107.9 MHz
		Usable sensitivity	1.5 μV (14.8 dBf)
		AM section	
		Tuning frequency range	530 - 1710 kHz
		Usable sensitivity	20 μV
		General	
		Power supply	AC 120 V, 60 Hz
		Power consumption	9.5 A (Standby 0.1 W)
		Dimensions (W x H x D)	17-3/32" x 7-43/64" x 16-11/16" 434 x 195 x 424 mm
		Weight	42 lbs 2oz, 19.1 kg

Ports

In		
HDMI (including 1 on front panel)	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	
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	
DENON LINK	x 1	
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	
HD Radio (FM)	x 1	
HD Radio (AM)	x 1	
Sirius Connector	x 1	
XM Ready	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	



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