AVR-A100

AV Surround Receiver

TENTATIVE

DENON

Special edition of AV surround receiver celebrating our 100th anniversary

100th *Anniversary* since 1910

Digital Friendly for the Digital Age.
The AVR-A100 is a 9.2 Channel A/V surround receiver that not only offers DENON LINK 4th, high-bit i/p conversion and scaling, but also features Advanced Connectivity, Network Audio, Photo Streaming and an interface that enhances your level of entertainment pleasure. The AVR-A100 Receiver also includes a special edition block condenser, a higher-grade speaker terminal with a gold plated in/out, and cast iron footing to stabilize sound quality.

The Signatures of Quality.
The AVR-A100 gloss finish front includes Denon's special edition 100th anniversary logo badge, and comes with a 5-year warranty and a signed certificate of authenticity from the chief production engineer who hand crafted the product. Also included is a beautiful Denon "brand book" that explores the history of one of the leading names in the audio-visual field.

Special Edition 100th Anniversary Series

High Quality Audio and Video

• 9channel Amplifier with Discrete Mono Amp Construction

The unit is equipped with a power amplifier that reproduces high-fidelity sound in surround mode with equal quality and power for all channels, true to the original sound. The power amplifier circuit adopts a discrete-circuit configuration that achieves high-quality surround sound reproduction.

• 4 ohm Speaker Drivability

• Supports HDMI 1.4a with 3D, Audio Return Channel, Deep Color, "x.v.Color" , Auto Lipsync and HDMI control function

This unit can output 3D video signals input from a Blu-ray Disc player to a TV that supports a 3D system. This unit also supports the ARC (Audio Return Channel) function, which re-produces TV sound with this unit via an HDMI cable used for connecting the unit and a TV (*1).

*1) The TV should support the ARC function.

• DENON LINK 4th - HDMI Clock Control -

When you connect this unit to a Denon Blu-ray disc player that has DENON LINK 4th support, you can enjoy HD audio of the highest quality. The master clock that operates the D/A converter of this unit is transmitted to the Blu-ray disc player, enabling the integrated circuitry to be operated while sharing the same clock in order to achieve digital audio transmission with negligible jitter. Sound localization becomes clearer and a greater sense of space is produced in the sound images.

Connectivity "Digital Content Friendly"

• Direct play for iPod and iPhone via USB (x2 selectable)

You can also listen to music files from your iPod by simply connecting it to the AVR-A100's USB port with the USB cable that came with the iPod. To start play, just press the iPod Play button on the AVR-A100 or its remote control unit. Digital signals from the iPod are transmitted as is to the AVR-A100 where they pass through the compressed audio restorer and are processed by advanced audio circuitry to produce a clean, high-quality sound.

• Enhance network capability

- Internet Radio and network audio/photo streaming via Ethernet
- Pandora, Rhapsody, flickr and Napster online support
- FLAC HD, High-resolution audio format
- Compatible with Windows® 7
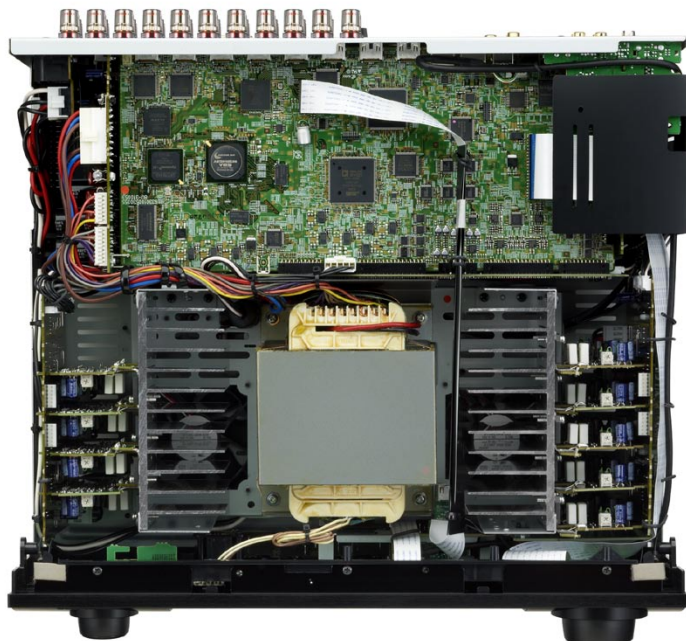- web control

Easy to use

• Audyssey MultEQ® XT 32

Audyssey MultEQ corrects both time and frequency response problems in the listening area so that every listener can enjoy music and movie with the optimum sounds. It performs a fully automated surround system setup. The unit is equipped Audyssey MultEQ XT 32 that can correct much higher details, particularly in the bass range of the speakers. The high resolution correction reproduces much clearer surround sound.

Multi-Zone, CI features

• 11ch Pre Amp Mode in combination with External Power Amp

• Remote Maintenance

• Web Remote

Eco Friendly Design

• Low standby for ecology (0.1W)

Ports

In		
	HDMI	x 7
	Component	x 3
	S-Video	x 2
	Composite (Video)	x 5
	Analog Audio (Tuner included)	x 9
	Digital Optical	x 2
	Digital Coaxial	x 2
	EXT. in	x 1
Out	HDMI Monitor	x 2
	Component Monitor	x 1
	Composite Monitor	x 1
	Composite (DVR/ Zone2)	x 2
	Audio Preout (FL/ FR/ C/ SL/ SR/ SBL/ SBR/ FHL/ FHR/ FWL/ FWR)	11 ch
	Audio Preout (SW)	x 2
	Audio Preout (Zone2 L/R, Zone3 L/R)	x 2
	Audio REC out	x 1
	Phones	x 1
	SP out	x
	Digital Optical	x 1
Other	USB port	x 2
	Ethernet	x 1
	Microphone Port	x 1
	Dock Control Port	x 1
	FM Tuner Antenna	x 1
	AM Tuner Antenna	x 1
	Sirius connector	x 1
	Remote Control In/Out	In 1 / Out 1
	RS-232C	x 1
	DC12V 150mA MAX. trigger out	x 2

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 %)
	170 W + 170 W
	(6 ohms, 1 kHz, THD 0.7%)
Center	140 W
	(8 ohms, 20 Hz - 20 kHz, THD 0.05 %)
	170 W
	(6 ohms, 1 kHz, THD 0.7%)
Surround L/R	140 W + 140 W
	(8 ohms, 20 Hz - 20 kHz, THD 0.05 %)
	170 W + 170 W
	(6 ohms, 1 kHz, THD 0.7%)
Surround Back L/R	140 W + 140 W
	(8 ohms, 20 Hz - 20 kHz, THD 0.05 %)
	170 W + 170 W
	(6 ohms, 1 kHz, THD 0.7%)

Preamplifier section

Input sensitivity/impedance	200 mV / 47 kΩ/kohms
Frequency response	10 Hz ~ 100 kHz — +1, –3 dB (DIRECT mode)
S/N Ratio	102 dB (IHF-A weighted, DIRECT mode)

FM section

Tuning frequency range	87.5 - 107.9 MHz
Usable sensitivity	1.5 μV (14.8 dBf)

AM section

Tuning frequency range	520 - 1710 kHz
Usable sensitivity	18 μV

General

Power supply	AC 120 V, 60 Hz
Power consumption	780 W (Standby 0.1 W)
Dimensions (W x H x D)	17-3/32" x 6-47/64" x 16.3"
	434 x 171 x 414 mm
Weight	38 lbs 2.2 oz, 17.3 kg