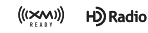# AVP-A1HDCI
AV Surround Control Center

DENON

THX Ultra2, Reference Next Generation HD Control Center featuring Advanced Connectivity, Wi-Fi Network Audio Streaming and Finest Construction and Craftsmanship to bring you the Ultimate A/V Experience.

Bullet points

Uncompromising Construction for the Ultimate A/V playback

- Fully separated Audio, Video, Pre-Amp and Power Supplies allow for a cleaner and clearer signal path
- L/R channel separated construction
- Aluminum diecast insulators
- Direct Mechanical Ground to minimize mechanical vibration from transformer and radiators
- All new circuit layouts that shorten audio and video signal paths for best picture and sound
- Aluminum front and side panel
- XLR and RCA 9.3 ch preout

High Current and Separated Power Supply

- 7 individual transformers to supply power to each discrete circuit
- 2 toroidal transformers are only for audio with separated coil winding for pure audio playback
- Separated power supply also improves S/N level of Valiable Gain Volume

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

- Discrete Devices for ultimate performance in each circuit block
- 3 All New 32-bit floating point DSPs
- Master clock design for more accurate processing and less jitter noise
- Burr-Brown Audio DACs in Double Differential mode (4 per audio channel) on all output channels (12)
- Advanced AL24 processing provides more dynamic range
- Dolby TrueHD and dts-HD Master Audio decoders
- EXT. IN analog to digital conversion
- 8ch Digital EXT. IN

Full 10-bit processing video circuit

- Realta sxT2 HQV processing for i/p and scaling
- HD/SD video noise reduction functionality
- Multi Cadence Detection for accurate i/p conversion
- 1080p/24fps pass through
- Analog video to HDMI scaling up to 1080p
- HDMI to HDMI scaling up to 1080p
- Deep Color up to 36-bit and xvYCC broader color space support
- Discrete construction and circuitry for highest quality video processing
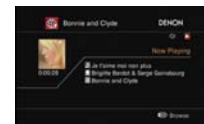- 12-bit/216-MHz video encoder and decoder with NSV

Newly improved Audyssey MultEQ XT with Dynamic EQ

- 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 the low frequency band.
- Dynamic EQ : controls loudness compensation dynamically and provides well balanced sound in any volume setting

Digital Media Connectivity

- Network Audio and Photo Streaming
  - Playback music files from PC and DLNA Servers
  - AAC, WMA , MP3, FLAC, WAV file support
  - Connect to over 7,000 internet radio stations
  - JPEG Photo slideshow
  - Rhapsody music online ready

*Sample image of new GUI

- Connect to your network via Ethernet or Wi-Fi (802.11 b/g compatible)
- iPod audio, photo and video playback (optional ASD-1R/3N/3W)
- Mass storage support USB for audio and photo playback
- XM Ready, HD Radio built-in
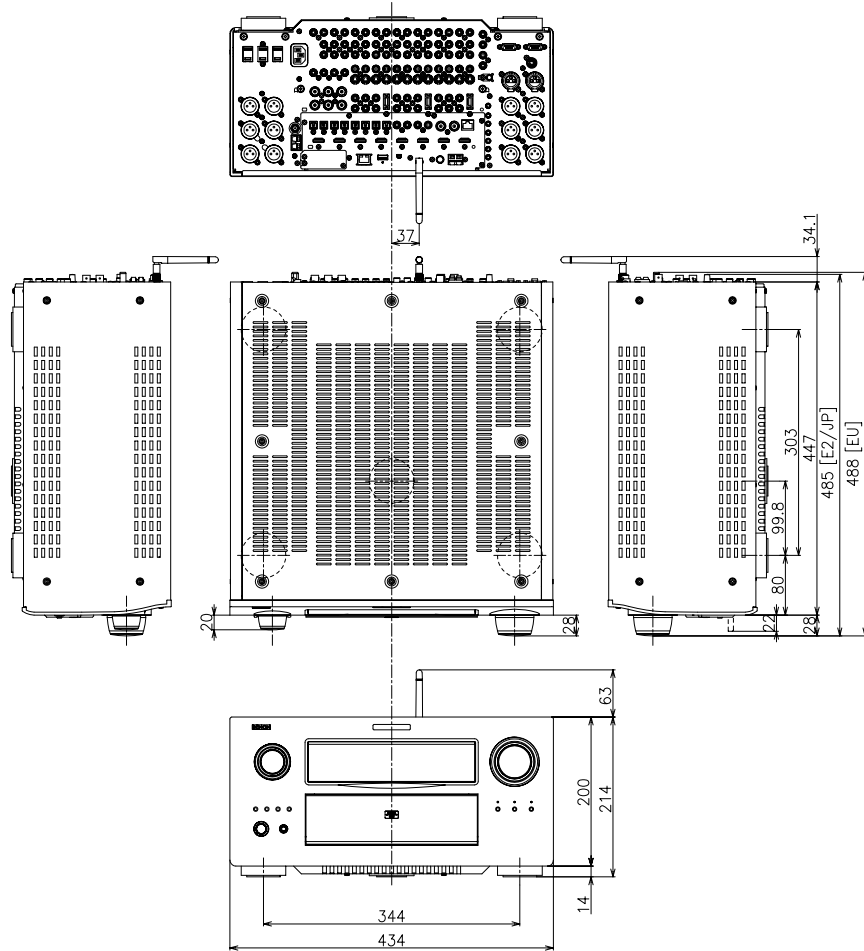- Compressed Audio Restorer to enhance digital music files

Ease-of-Use

- New graphical user interface for easy operation, setup and digital media browsing
- Album art support (iPod/Network/USB)
- Title text (iPod/Network/USB/XM/HD radio)
- Multi language support
- Available for 1080p HDMI

Multi-Zone Capabilities

- Three Analog and One Digital, Four Zone multi-source capability
- Digital to analog conversion for multi-zone output
- Analog to digital conversion for multi-zone digital output
- Dual HDMI outputs
- Zone 2 OSD with text, Album art is also available
- Zone 2 video conversion up to component
- Dual component outputs for main zone
- BNC connectors for component input/output
- IR Remote in/out ports
- +12V, 250mA trigger x 4 outputs
- RS-232C control x2
- IP control
- Optional RC-7000CI/7001RCI 2-way control ready
- Audyssey Pro Installer Ready
- Web setup, save and load all settings via Ethernet
- Power amplifier control link*

*Please see Denon Matching Power Amplifier POA-A1HDCI

Input / Output terminals

IN		
	HDMI	6
	Component	6 (1:BNC)
	S-Video	8
	Composite	8
	Analog audio (Tuner included)	11
	Analog EXT. Input	7.1ch
	Analog L/R Input (XLR)	1
	Digital OPTICAL	5
	Digital COAXIAL	4
	Digital COAXIAL BNC	2
	Denon Link	1
	Ethernet	1
	Wi-Fi	1
	USB	2
	Dock control for iPod	1

OUT		
	HDMI Monitor	2
	Component Main Monitor	2(1:BNC)
	Zone 2 Monitor	1
	S-Video REC	3
	Monitor / Zone 2	1/1
	Composite REC	3
	Monitor / Zone 2 / Zone 3	1/1/1
	Analog audio REC	3
	Zone 2 / Zone 3	1/1
	Analog Preout (RCA)	9.3 ch
	(XLR)	9.3 ch
	Digital OPTICAL REC	2
	Digital OPTICAL Zone 2	1
	Digital OPTICAL REC / Zone 4	1

Specifications

General

Power supply	AC 120 V, 60 Hz
Power consumption	2 A
	(Standby : 0.3W)
Dimensions (WxHxD)	434 x 214 x 488 mm
	17-2/16" x 8-7/16" x 19-7/32"
Weight	26.8 kg, 59.1 lbs

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