

DN-V110

DVD player

DENON
PROFESSIONAL



Product Overview:

The Denon DN-V110 is the new entry level DVD player from Denon Professional. The DN-V110 replaces the popular DN-V100 and integrates a raft of high performance features derived from Denon's hi-fi press award winning DVD-1740 consumer player within a professional rackmount model; all designed to provide rich, cinema like replay on today's large scale high definition flat screen displays.

New to the DN-V110 is the 108MHz/12-bit video DAC with full 1080p video upscaling, providing for full HD specification output of standard definition DVD signals, with a resultant significant increase in picture quality when connected to HD Ready and Full HD displays. Upscaling is performed to 1080p, 1080i or 720p, as determined by the specification of the connected display. To match the picture quality, a 192kHz/24-bit Burr Brown audio DAC provides high resolution audio decoding; additionally coaxial (S/PDIF) and optical digital audio outputs enable decoding of surround sound audio formats when connected to an AVR with the relevant Dolby and DTS circuitry. High quality CD playback – whether for PCM, MP3 or AAC encoded audio – is also provided by the high spec digital / analogue audio circuitry.

Video connectivity is improved with the introduction of HDMI connectivity to HD specified displays, alongside RGB Scart, S-video, composite or component video outputs; the latter offering progressive scan. NTSC / PAL conversion is also included, as is 'squeeze mode' for displaying 4:3 picture ratio signals via HDMI. Discreet video circuitry and separate analogue and digital circuit boards ensure interference-free signal paths for video and audio.

Key Features:

- Video scaler to 480p, 720p, 1080i and now Full-HD 1080p
- Front panel HDMI select button
- 12 bit 108 MHz high-specification Video DACs for high picture quality
- 24bit / 192kHz Burr Brown PCM1782 Audio DACs for dynamic range
- DivX ULTRA Certified (Version 3.11, 4, 5, 6. VOD video content)
- Detachable mains lead
- HDMI video output, with HDMI Black Level enhance and HDMI multi-channel audio transfer
- Reinforced chassis, transport base and top plate to minimise and absorb harmful vibration
- Separate analog & digital circuit boards to reduce cross-interference, plus discrete Video Circuitry
- DTS, PCM and Dolby Digital data output.
- Brightness/Contrast/Colour/Gamma Correction/Sharpness.
- MP3 & MP3 VBR/WMA/JPEG/KPCD Playback.
- Random Play and Program Play.
- 2U/HE 19" Rackmount kit supplied

Applications:

- BGM (Background music)
- Education
- Corporate AV
- Fitness
- Retail & Leisure



WMA

MP3



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Specifications:

General

Power outlet	3 switched outlets, total capacity 100 W (0.43 A)
Power Supply	AC ~230 V, 50 Hz
Power Consumption	8 W (Standby: 0.4 W)
Dimensions excluding 19" rack kit	
Width	435 mm
Height	75 mm
Depth	310 mm
19" rack kit height	2U
Weight	2.3 kg

Power amplifier section

Rated Output Power	2-channel driving (CD → SP OUT), 50 W + 50 W (8 ohms, 20 Hz ~ 20 kHz, T.H.D. 0.07%
Dynamic power	85 W + 85 W (4 ohms, DIN, 1 kHz, T.H.D. 0.7%
High frequency distortion	0.01% (Rated output: -3 dB), 8 ohms, 1 kHz
Output terminals	Speaker A or B: 4 ~ 16 ohms, A + B: 8 ~ 16 ohms Suited for headphones/stereo headphones

Pre-amplifier section

Equalizer amplifier output (REC OUT terminals)	150 mV
Input Sensitivity/Input Impedance	PHONO (MM): 2.5 mV/47 kohms, CD, TUNER, DVD/AUX, TAPE-1/CD-R, TAPE-2/MD: 105 mV/47 kohms (SOURCE DIRECT OFF), 105 mV/13 kohms (SOURCE DIRECT ON)
RIAA Deviation	PHONO (MM): 20 Hz ~ 20 kHz ±0.5 dB

Overall performance

SN Ratio (A network)	PHONO (MM): 115 dB, (With input terminals short-circuited, 5 mV input signal) CD, TUNER, DVD/AUX, TAPE-1/CD-R, TAPE-2/MD, 107 dB (input terminals short-circuited)
Tone control (bass): LOUDNESS	BASS: 100 Hz±8 dB, TREBLE: 10 kHz±8 dB 100 Hz: +6 dB, 10 kHz: +6 dB

Remote control unit (RC-1018)

Remote control type	Infrared pulse
Power supply	DC 3V, 2 R6P/AA batteries

In the box: • User Manual • rackmount • remote control (inc batteries)

Product image:



* For purposes of improvement, specifications and design are subject to change without notice.

www.dm-pro.eu/dnv110p

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