

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

Applicable Discs

- (1) DVD-Video Discs 1-layer 12 cm single-sided discs, 2-layer 12 cm single-sided discs, 2-layer 12 cm double-sided discs (1 layer per side)
1-layer 8 cm single-sided discs, 2-layer 8 cm single-sided discs, 2-layer 8 cm double-sided discs (1 layer per side)
- (2) DVD-R/DVD-RW
- (3) Compact discs (Audio CD, Video CD) 12 cm discs, 8 cm discs
- (4) CD-R/CD-RW

Video Output

Output level, Output connector 1Vp-p (75 ohms), Pin jacks, 1 set

S-Video Output

Y output level, C output level, Output connectors 1Vp-p (75 ohms), 0.3Vp-p, S connectors, 1 set

Component Output

Y output level, Output connector 1Vp-p (75 ohms), Pin jacks, 1 set
PB/CB output level, PR/CR output level 0.7Vp-p (75 ohms), 0.7Vp-p (75 ohms)

HDMI Output

HDMI jack 1 set

Audio Output

Output level, 2 channel (L, R) output connector 2Vrms, Pin jack, 1 set

- Frequency response 1 DVDs (linear PCM): 4Hz to 22kHz (48kHz sampling), 4Hz to 44kHz (96kHz sampling), 2 CDs: 4Hz to 20kHz
- S/N ratio 115dB
- Total harmonic distortion 1kHz CD: 0.004%
- Dynamic range DVD: 100dB CD: 98dB

Digital Audio Output

Optical digital output, Coaxial digital output Optical connector, 1 set, Pin jack, 1 set

Remote control unit (RC-1018)

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

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

Rear view:



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

www.dm-pro.eu/dnv110p