

DENON®



DENON DCD-3000NE

Super Audio CD Player

The Denon DCD-3000NE provides pristine SACD/CD and DSD playback via a 384kHz/32-bit DAC and Ultra AL32 Processing.

HIGHLIGHTS

Discover stunning audio clarity

Play all of your digital audio content

Experience music authentically

Solid build, pure sound

Versatile outputs

Tuned by the Denon Sound Master

YOUR BENEFITS

Fall in love with your favorite music all over again when you unveil the richness and detail of high-resolution audio.

In addition to SACD and DSD, the DCD-3000NE supports a range of digital formats, from CD to MP3 to FLAC.

Advanced processing ensures faithful sonic reproduction that honors the artist's vision.

Count on reliable, distortion-free performance in every listening session.

Optical, coaxial, and analog RCA outputs offer a wide variety of options to connect the DCD-3000NE to any amplifier.

Every Denon product is tuned to rigorous standards by Shinichi Yamauchi, the Denon Sound Master, to provide the truest sonic reproduction, so you can trust that you'll experience your favorite music exactly as the artist intended.

SINCE 1910 | DEFINING AUDIO EXCELLENCE



ULTRA AL32
PROCESSING





ULTRA AL32 Processing

The latest in analog waveform reproduction technology, ULTRA AL32 Processing uses data interpolation algorithms, up-sampling, and bit-extension to support high-resolution audio. The resulting playback is highly detailed, free of interference, richly expressive in the lower range, and beautifully faithful to the original sound.

Denon original disc drive design

The disc drive is built with a high-class S.V.H. (Suppress Vibration Hybrid) mechanism. New, condensed signal paths and circuitry that control pickup and decode noise are minimized to prevent excess noise and preserve sound quality. The hybrid construction of the S.V.H. loader provides stability in the disc drive, allowing for the decoding and signal reading with the upmost accuracy. The low center of gravity of the mechanism suppresses vibration both inside and outside the structure. By eliminating excess vibration, servo-related operations are minimized. The reduction of unnecessary controls and current consumption allows for digital signals to be read from the disc with optimal accuracy.

Hi-Res Audio support

The ability to decode Hi-Res Audio ALAC, FLAC, and WAV lossless files up to 24-bit/192kHz, as well as DSD 2.8MHz and 5.6MHz tracks (the audiophile format of SACD), lets you enjoy each note exactly as the artist intended.

DAC Master Clock design

To accurately synchronize digital circuits, the DAC Master Clock design treats the DAC as the master when clock signals are supplied. Crafted with exceptional quality, the master clock is right next to the DAC, which suppresses jitter and ensures peak precision in D/A conversion. It serves as the reference for semiconductor operation and optimizes digital audio circuitry. Three integrated clock oscillators reduce phase noise, each addressing a multiple of 44.1kHz/48kHz and DSD 2.8MHz/5.6MHz.

Pure Direct mode

Pure Direct mode ensures clean, detailed, and accurate audio output.

Advanced circuitry with minimized signal path

Circuit patterns are thoughtfully engineered to make signal paths as short as possible. With shorter circuits, the interference between circuits and left and right channels is reduced, and the adverse influences on audio signals are minimized. As a result, the circuit paths in the DCD-3000NE reproduce sound that's clean, highly transparent, and faithful to the original recording.

Technical Information		
Disc		
Mechanism	Denon original SACD mechanism	
Disc Type	SACD/CD/CD-R/CD-RW DVD-R/+R/-RW/+RW	
SACD	Yes (Stereo Layer/Multi-D/M)	
Super Audio CD Text	Yes	
Playability of files recorded on CD-R/RW	MP3 / WMA / AAC	Yes / Yes / Yes
	WAV	Yes (~48kHz/24bit)
	FLAC	Yes (~48kHz/24bit)
	ALAC	Yes (~48kHz/24bit)
	AIFF	Yes (~48kHz/24bit)
Playability of files recorded on DVD R/RW	MP3 / WMA / AAC	Yes / Yes / Yes
	WAV	Yes (~192kHz/24bit)
	FLAC	Yes (~192kHz/24bit)
	ALAC	Yes (~96kHz/24bit)
	AIFF	Yes (~196kHz/24bit)
	DSD (DIFF / DSF)	Yes (~5.6MHz)
Firmware Update	Yes (FE/BE, MCU)	
Inputs/Outputs		
Fixed Analog Output (RCA)	Cinch × 1 (Machining Brass)	
Optical input/output (Maximum Support)	0 / 1	
Coaxial input/output (Maximum Support)	0 / 1	
Others		
Last Function Memory	Yes	
Auto Standby Mode	Yes	
Power Consumption	35W / <0.3W (at Standby)	
Accessories	Quick Start Guide, Remote Controller (Aluminum top / compatible with PMA-3000NE), Battery (AAA×2), Stereo RCA Cable, Power Cord	
Audio (Lineout)		
Frequency Response	SACD: 2Hz-50kHz (-3dB) CD: 2Hz-20kHz (-0.5dB)	
Harmonic Distortion	SACD: 0.0005% CD: 0.0015%	
Signal-to-Noise Ratio	SACD: 122dB CD: 122dB	
Dynamic Range	SACD: 115dB CD: 101dB	
Line Output Level	2.2Vrms (10kohm)	
Audio (Digital)		
DAC Circuit	ES9018K2M × 4 (PCM 384kHz/32bit, DSD 11.2MHz)	
Digital Filter	Fixed	
Digital Processing	ULTRA AL32 Processing	
DAC Master Clock Design (Not Support Network Playback)	Yes	
Audio (Analog)		
Output Circuit	Full discrete differential amplifier	
Power Transformer	EI Transformer	
PURE DIRECT	Yes	
General		
Unit Dimensions (W × H × D)	434 × 138 × 405mm	
Cabinet Size (W × H × D)	434 × 138 × 395mm	
Net Weight	16.8kg	
Packaging Dimensions (W × H × D)	560 × 270 × 540mm	
Packaging Gross Weight	19.4kg	
Panel Color	Premium Silver / Black	
Front (Center) Panel	Aluminum	