DENON

DENON DCD-1700NE

CD/SACD player with Advanced AL32 Processing Plus

Enjoy pristine high-resolution audio from CD and SACD playback on the Denon DCD-1700NE with Advanced AL32 Processing Plus and ultra-precision D/A converter.

HIGHLIGHTS	YOUR BENEFITS
Advanced AL32 Processing Plus	Experience audio beautifully faithful to the original sound. Advanced AL32 Processing Plus algorithms restore information that was lost during the digital recording.
Extended disc format support	Enjoy extended disc support for your high-resolution audio collection, including CDs, Super Audio CDs, as well as DSD and high-res files up to 192 kHz/24 bits recorded on DVD-R/RW and DVD+R/RW discs.
Proprietary disc drive	The Denon original disc drive is built with a high-class S.V.H. (Suppress Vibration Hybrid) mechanism. All elements of the design are focused on delivering optimal accuracy.
Sound Master tuned	Carefully tuned with selected audio components and evaluated by the Denon Sound Master to meet Denon's high standards and distinctive sound for an amazing experience.
DAC Master Clock design	The precisely crafted master clock design includes a high-quality oscillator to suppress jitter, ensure peak precision in D/A conversion, and optimize digital audio circuitry.
Vibration-resistant design	Designed to minimize the vibration of the chassis and reduce the adverse audio effects of heavy components so that sound quality meets Denon standards.
Over a century of audio firsts	Founded in 1910, Denon has a deep heritage of "firsts" in audio technology. This focused R&D investment ensures you get the latest technology and highest quality with every listening experience.

Advanced AL32 Processing Plus
The latest in analogue waveform reproduction technology, Advanced AL32 Processing Plus 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/192- kHz, as well as DSD 2. 8 MHz 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. Two integrated clock oscillators reduce phase noise, each addressing a sampling frequency (44.1 kHz and 48kHz).

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-1700NE reproduces sound that's clean, highly transparent, and faithful to the original recording.

Technical Information

Specifications		
Frequency Response		SACD: 2Hz-50kHz (-3dB) CD: 2Hz-20kHz (-0.5dB)
Harmonic Distortion		SACD: 0.0010% CD: 0.0016%
Signal-to-Noise Ratio		SACD: 119dB CD: 117dB
Dynamic Range		SACD: 112dB CD: 101dB
Line Output Level		2.0Vrms (10kohm)
Digital Audio		
DAC Circuit		TI Advanced Current Segment PCM1795(192k/32bit) ×1
Digital Filter		Fixed
Digital Processing		Advanced AL32 Processing Plus
DAC Master Clock Design		Yes
Disc		
Mechanism		Denon S.V.H.
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 Analogue Output (RCA)		Cinch x 1 (Gold-Plated)
Optical input/output		0 / 1
Coaxial input/output		0 / 1

Controls	
Remote Controller	System Remote (Amp and CD Player Control)
On-Product Buttons	Power, Disc Layer, Pure Direct, Play/Pause, Stop, Fwd/Rev, Open/Close
Dimmer for Front Display	Bright / Dim / Dark / Off
Others	
Pure Direct Mode	Yes
Last Function Memory	Yes
Remote Control Bus Terminal	Yes
Remote Control	Yes (controllable, PMA-1700NE)
Battery	Yes (AAA × 2)
Power Cord	Yes
Other	Stereo RCA Cable × 1
Auto Standby Mode	Auto Standby Mode
General	
Product Finishes	Black, Premium Silver
Front Panel	Aluminium
Power, Function, Open/Close buttons	Aluminium
Power Consumption	24W
Standby Consumption	0.1W
Unit Dimensions (W × D × H)	434 × 135 × 384mm
Cabinet Size (W × D × H)	434 × 135 × 374mm
Packaging Dimensions (W × D × H)	543 × 250 × 515mm
Net weight	9.0kg
Packaging gross weight	11.7kg
EAN | DCD1700NEBKE2 (Black)	0747192139261
EAN | DCD1700NESPE2 (Premium Silver)	0747192139285