

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

Advanced AL32 Processing Plus

Extended disc format support

Proprietary disc drive

Sound Master tuned

DAC Master Clock design

Vibration-resistant design

Over a century of audio firsts

YOUR BENEFITS

Experience audio beautifully faithful to the original sound. Advanced AL32 Processing Plus algorithms restore information that was lost during the digital recording.

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.

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.

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.

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.

Designed to minimize the vibration of the chassis and reduce the adverse audio effects of heavy components so that sound quality meets Denon standards.

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.

SINCE 1910 | DEFINING AUDIO EXCELLENCE



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) x1	
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 x 2)
Power Cord		Yes
Other		Stereo RCA Cable x 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 x D x H)		434 x 135 x 384mm
Cabinet Size (W x D x H)		434 x 135 x 374mm
Packaging Dimensions (W x D x H)		543 x 250 x 515mm
Net weight		9.0kg
Packaging gross weight		11.7kg
EAN DCD1700NEBKE2 (Black)		0747192139261
EAN DCD1700NESPE2 (Premium Silver)		0747192139285