



# 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)<br>CD: 2Hz-20kHz (-0.5dB)      |                     |
| Harmonic Distortion                       | SACD: 0.0010%<br>CD: 0.0016%                          |                     |
| Signal-to-Noise Ratio                     | SACD: 119dB<br>CD: 117dB                              |                     |
| Dynamic Range                             | SACD: 112dB<br>CD: 101dB                              |                     |
| Line Output Level                         | 2.0Vrms (10kohm)                                      |                     |
| Digital Audio                             |                                                       |                     |
| DAC Circuit                               | TI Advanced Current Segment<br>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<br>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                                                         |