

# DENON®



## DENON DCD-900NE

### CD Player with Advanced AL32 Processing Plus and USB

Featuring Advanced AL32 Processing Plus and an integrated USB port, the Denon DCD-900NE CD Player reveals the highest quality audio signals from standard CD and USB sources supporting high-res playback.

#### HIGHLIGHTS

Extended disc, format, and USB support

Advanced AL32 Processing Plus

Designed to reduce vibration and interference

Built to last

DAC Master Clock design

Advanced circuitry with minimized signal paths

Pure Direct mode

Digital outputs

A heritage of audio technology leadership

#### YOUR BENEFITS

The DCD-900NE plays back CD, CD- R/RW, MP3, and WMA formats. Or plug in a USB stick to add playback of FLAC up to 192kHz/24bits or DSD 2.8 MHz/5.6 MHz.

Utilizes data interpolation algorithms, up-sampling, and bit-extension for audio playback that is beautifully faithful to the original sound.

Built with specifically fitted power transformers and increased physical separation between the different audio and digital boards, reducing both vibration and interference.

Backed by a more than 110-year legacy of designing premium audio components, the overall aesthetic, sound quality, and design integrity are built to last.

The precisely crafted master clock design includes a high-quality oscillator to suppress jitter, ensure optimal precision in D/A conversion, and optimizes digital audio circuitry.

The circuit patterns have been engineered to shorten signal paths which reduces interference to reproduce sound that's clean and faithful to the original recording.

Pure Direct mode turns the display and the digital outputs off to minimize interference that might colour the audio signal.

Features one optical and one coaxial digital output to connect to the digital input of an amplifier or AV receiver.

Founded in 1910, Denon has a deep heritage of "firsts" in audio technology. This focused investment in audio R&D 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 utilizes 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.

#### 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 2.8MHz 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 immediately adjacent to the DAC, which suppresses jitter and ensures optimal precision in D/A conversion.

#### Advanced Circuitry

The circuit patterns have been engineered to make signal paths as short as possible. Shorter circuits reduce interference to reproduce sound that's clean, highly transparent, and faithful to the original recording.

#### Pure Direct Mode


Pure Direct Mode turns the display and the digital outputs off to minimize interference that might color the audio signal. What you hear is clean, detailed, accurate sound.

#### Vibration-Resistant Design

Vibration-resistant design reduces the adverse audio effects of heavy components within hi-fi products so that sound quality meets Denon standards. Power transformers are fitted near the bottom and immediately above the insulators to prevent unwanted vibration. By lowering the transformer, the vibration surrounding the chassis is reduced, resulting in pristine sound.

#### 110+ Years of First in Audio Technology

Founded in 1910, Denon has a deep heritage of "firsts" in audio technology—from Japan's first audio electronics manufacturer, to producing the world's first commercial CDs. This focused investment in audio R&D ensures you get the latest technology and highest quality with every listening experience.

| Technical Information  |  |                     |
|--|--|---------------------|
| <b>Specifications</b>  |  |                     |
| Signal to Noise Ratio  | 115 dB (CD/USB)  |                     |
| Frequency Response   | USB (PCM/DSD): 2Hz - 50kHz (-3dB)<br>CD: 2Hz - 20kHz       |                     |
| Total Harmonic Distortion  | USB DSD: 0.0015%<br>USB PCM 24-bit: 0.0020%<br>CD: 0.0025% |                     |
| Line Level Output  | 2.2Vms   |                     |
| DAC IC   | ES9018K2M  |                     |
| Digital Filter   | AL32 Processing Plus                                       |                     |
| Dynamic Range  | 101 dB (CD)  |                     |
| <b>Features</b>  |  |                     |
| Advanced AL32 Plus   | Yes  |                     |
| Customized Components  | Yes  |                     |
| CD Compatibility   | CD / CD-R/RW / WMA / MP3 / AAC                             |                     |
| <b>Playback</b>  |  |                     |
| Program Play (CD)  | Yes  |                     |
| Repeat   | Yes  |                     |
| Random Play  | Yes  |                     |
| <b>USB-A File support</b>  | 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)       |
| <b>Others</b>  |  |                     |
| Separated rectifier circuit for analog and digital circuitry   | Yes  |                     |
| Display: Dimmer / Off  | Yes / Yes  |                     |
| <b>Ports</b>   |  |                     |
| Digital Optical In / Out   | No / Yes   |                     |
| Digital Coaxial In / Out   | No / Yes   |                     |
| Gold-plated Cinch  | Yes  |                     |
| Remote Control Bus In / Out  | Yes  |                     |
| Analogue Out (Cinch)   | 2Ch  |                     |
| USB Audio (Front)  | Yes  |                     |
| <b>General</b>   |  |                     |
| Metal Front Panel  | Aluminium  |                     |
| Power Consumption  | 24W  |                     |
| Standby Consumption  | 0.3W   |                     |
| Auto Power Off   | Yes  |                     |
| Remote Control   | RC-1246  |                     |
| Available colours  | Premium Silver / Black                                     |                     |
| Weight   | 4.9kg  |                     |
| Maximum Dimensions (W x D x H)   | 434 x 328 x 107mm  |                     |
| <br>IEC60825-1:2014 |  |                     |

Design and specifications are subject to change by Denon without notice.

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