

DENON®

PRODUCT INFORMATION



DENON DCD-800NE

CD PLAYER WITH ADVANCED AL32 PROCESSING PLUS

PRECISION CRAFTSMANSHIP, MASTERFUL REPRODUCTION

Enjoy masterful hi-res audio and disc playback with the Denon DCD-800NE CD player. Listen to your favorite songs with accurate reproduction that's faithful to the original recording with technologies like Advanced AL32 Processing Plus — an innovative circuitry structure. Play your CD/CD-R/RW or connect your USB Mass storage device to enjoy WAV/FLAC and DSD files with beautiful audio signal purity.

HIGHLIGHTS

- Advanced AL32 Processing Plus and Ultra Precision 192kHz/32bit D/A Converter
- Extended disc support for modern file formats
- Supports DSD 2.8 MHz/5.6 MHz via USB-A port
- Impeccable sound engineering with carefully selected and rigorously tested Hi-Fi parts
- Direct Mechanical Ground Construction
- DAC Master Clock Circuit Design
- Circuitry with minimized signal paths
- Pure Direct Mode
- Engineered with a more than 100-year Denon legacy in audio excellence

YOUR BENEFITS

- Accurate playback that's faithful to the original recording
- Play all of your music on CD and CD-R/RW (MP3, WMA)
- Enjoy hi-res audio files for the highest-quality listening experience
- Enjoy the exceptional sound that is the signature of all Denon Hi-Fi products
- A vibration-resistant design that protects the sound quality
- Ensures jitter-free audio reproduction
- Guarantees the original sound is faithfully reproduced
- Clean audio output and accurate, detailed sound
- Trust this high-quality and durable system to deliver the ultimate audio experience

DENON 100+ YEAR "LEGACY OF FIRSTS" IN AUDIO TECHNOLOGY

ADVANCED *AL32* PROCESSING
Plus



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Advanced AL32 Processing Plus

The DCD-800NE is equipped with Advanced AL32 Processing Plus, the latest in analog waveform reproduction technology from Denon. Advanced AL32 Processing Plus utilizes data interpolation algorithms, which support high-resolution audio sources. The algorithms add in the points that should exist before and after large quantities of data, smoothing out the waveform and restoring information that was lost during the digital recording. The resulting playback is highly detailed, free of interference, richly expressive in the lower range and beautifully faithful to the original sound. Listen to songs as the artist intended.

CD, CD-R/RW, MP3, WMA and USB Supported

Enjoy extended disc and USB support for your modern high-resolution audio collection. The DCD-800NE plays back your CD's, CD-R/RW, MP3 and WMA formats. Or, plug in your USB to hear DSD 2.8 MHz/5.6 MHz in high-resolution. Listen to your favorite modern hi-res formats and feel the powerful fidelity the DCD-800NE provides.

Build Integrity with Thoughtfully Selected Components

With more than a 100-year legacy of designing premium audio components, trust that your Denon product has undergone rigorous testing. The overall aesthetic, sound quality and design integrity of DCD-800NE and its Hi-Fi components are built to last.

Vibration-resistant Design for Pristine Sound

Vibration-resistant design reduces the adverse audio effects of heavy components within amplifiers so that sound quality meets Denon standards. Power transformers are fitted near the bottom of the DCD-800NE and immediately above the insulators to prevent unwanted vibration. By lowering the transformer, the vibration surrounding the chassis is reduced, resulting in pristine sound.

DAC Master Clock Design

To accurately synchronize digital circuits, the DCD-800NE is built with a DAC Master Clock design that 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. It serves as the reference for semiconductor operation and optimizes digital audio circuitry.

Advanced Circuitry with Minimized Signal Paths

The circuit patterns in the DCD-800NE 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-800NE reproduces sound that's clean, highly transparent and faithful to the original recording.

Pure Direct Mode

Listen with Pure Direct Mode on the DCD-800NE. Pure Direct Mode turns the display off and feeds power and sound directly to the amplifiers, to bypass any processing that might otherwise color the signal. What you hear is clean, detailed, accurate sound.

Optical and Coaxial Digital Output

The DCD-800NE features one Optical and one Coaxial digital output to connect to the digital input of an amplifier or AV receiver.

100+ Years of Firsts 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	
Channels	2.0 Ch
Frequency response	2 Hz –w 50 kHz (-3 dB) (sampling frequency: 192 kHz)
Dynamic range	108 dB (24 bits) 101 dB (16 bits)
Signal-to-noise ratio	115 dB
Total Harmonic Distortion	0.0020 % (24 bits) 0.0025 % (16 bits)
CD Section	
Channels	2.0 Ch
Frequency response	2 Hz – 20 kHz (-3 dB)

Dynamic range	101 dB (Audible range)
Signal-to-noise ratio	115 dB (Audible range)
Total Harmonic Distortion	0.0025 % (Audible range)
General	
Digital output	0.5 Vp-p / 75 Ω/ohms
Power Supply	AC120 V, 60 Hz
Power Consumption	28 W
Standby Power Consumption	0.2 W
Dimensions (W x H x D)	17 x 4.2 x 10.7 in
Weight	9 lbs 15 oz
UPC	
DCD800NEBK3	883795004541
Color	Black

Complementary Products



PMA-800NE Integrated Amplifier



DNP-800NE Network Audio Player