

DCD-720AE

CD Player

DENON

Equipped with USB Port for listening to an iPod in high sound quality, too

The DCD-720AE is a CD player with AL32 Processing that plays not only music CDs but also files from an iPod in beautiful high-quality sound. To fully harness the superior performance of AL32 Processing, a Denon technology that produces analog waveforms from digital signals, it is combined with a high-precision 32-bit/192-kHz D/A converter and a variety of other designs dedicated to producing high-quality sound. The front panel includes a USB port where an iPhone, iPod or other portable audio device can be connected to enjoy music from those devices in the renowned Denon sound quality.

*AL32* PROCESSINGCOMPACT
disc
DIGITAL AUDIO

MP3 WMA

Features

Denon Technologies for superior sound

- ✓AL32 Processing, Denon's analog waveform reproduction technology
- ✓High precision 32 bit/192 kHz D/A converter
- DAC Master Clock design
- Minimum signal path design
- Separated Audio Power circuit and Digital Power circuit
- Vibration-resistant design with Direct Mechanical Ground Construction
- Carefully designed construction to preserve audio signal purity
- Strictly selected parts for high sound quality
- Gold plated audio terminal for high-quality sound
- Pure Direct mode to preserve pure audio details

Ease of use

- Digitally transmitted play function for iPhone and iPod (via USB) for best sound quality
- Remote control handset equipped with buttons of different shapes and sizes based on their functions for easy operation
- ✓Newly-designed system remote control handset, to control both the integrated amp and network player
- CD-R/CD-RW playback ^{*1)} (MP3, WMA)

- Folder Mode function, for playing only files stored in specific folders
- A wealth of additional playback function
- Optical digital output
- Headphone output with volume function
- 2 line fluorescent display

Others

- Aluminium panel design, befitting the elegance of an audio component
- Design matches the new PMA-720AE integrated amplifier
- ✓Auto-standby, to minimise power consumption
- Low power consumption in standby mode

High quality sound

✓AL32 Processing, Denon's analog waveform reproduction technology

The DCD-720AE includes AL32 Processing, an improved version of the Alpha Processor that Denon developed to reproduce smooth analog waveforms and reduce quantization noise in digital signals. This technology interpolates digital input data to produce an analog waveform that is more faithful to the original recorded source. Since AL32 Processing reproduces the 16-bit signals recorded on CD in high, 32-bit resolution, the digital recording sounds cleaner and more detailed when played back.

✓High precision 32-bit/192 kHz D/A converter

To enable AL32 Processing to perform at its maximum potential, the DCD-720AE is equipped with a high-resolution 32-bit/192-kHz D/A converter. By transmitting differential output for each channel, a feature of high-end models, the music you hear has negligible distortion and sounds more natural.

• DAC master clock design

To secure reliable oscillation accuracy, the DCD-720AE uses a DAC with a solid track record of performance in Denon's high-end CD players as the master clock to supply signals to the various devices. This meticulous design minimizes the influences of jitter and realizes a clear, high-quality sound with gentle curves in the sonic image.

• Minimum signal path design

"Simple & Straight" is Denon's hallmark approach to ensuring that the audio signal is reproduced with utmost fidelity. The DCD-720AE's construction and circuit design ensure the simplest possible signal path, thoroughly isolated from adverse influences. The sound you hear is thus beautifully clean and transparent.

• Vibration-resistant design with

Direct Mechanical Ground Construction

The power transformers, themselves a source of vibration, have been placed near the ground and immediately above the insulators to allow direct release to the ground and thoroughly prevent the propagation of unwanted vibration or noise.

• Carefully designed construction to preserve audio signal purity

To further eliminate adverse influences on the audio signal, the DCD-720AE's transformer has been mounted in a position that keeps leakage flux away from the audio circuit.

• Strictly selected parts for high sound quality

To ensure that the DCD-720AE produces a sound that surpasses the quality expected in its class, Denon engineers have carefully selected parts for the audio section, the power unit and other areas on the basis of their contribution to high sound quality. The patterns for the digital circuits have been specially designed to provide maximum protection from unwanted radiation and achieve low impedance.

• Pure Direct mode to preserve pure audio details

During playback in Pure Direct mode, the display panel is turned off and the master clock signal is supplied from a crystal oscillator. This highly accurate oscillator gives greater purity to the sound. The Pure Direct mode can be selected from two types: Digital Out On (Pure Direct Mode 1) and Digital Out Off (Pure Direct Mode 2).

Ease of use

• Digitally transmitted play function for iPhone and iPod (via USB) for best sound quality

USB port lets you connect an iPhone, iPod or USB memory and directly play music files stored on those devices. Since digital signals from the USB port pass through the DCD-720AE's high-grade audio circuitry, you can hear these files in high-quality sound. You can also use the remote controller to select files, and file names and other information can be viewed on the display. The DCD-720AE can even recharge your iPhone or iPod while it is connected.

✓Newly-designed system remote controller, to control both the integrated amp and network player

The supplied remote control unit operates not only this CD player but can also operate the PMA-720AE. It can operate the basic functions of the Denon DNP-720AE network player as well. Having one remote controller to operate the Denon integrated amp and CD/network player is extremely handy.

• Folder Mode function, for playing only files stored in specific folders (used when playing discs with MP3/WMA files)

• A wealth of additional playback function;

For a music CD (CD-DA) Disc: Random / Programmed / All track repeat / 1 track repeat

For MP3/WMA files: All-track repeat /

All-track repeat between folders / 1 track repeat

• Display dimmer function (Bright, Dim, Dark, Off)

The DCD-720AE's display dimmer function lets you darken the listening room to suit your mood when listening to music.

Others

• Auto-standby, to minimise power consumption

When no signals or operations are detected for a certain period of time, the DCD-720AE automatically switches to standby mode where power consumption is at its lowest level. Auto-standby ensures that electricity is not wasted.

Specifications

CD section

Channels	2 channel stereo
Dynamic range	100 dB
Signal-to-noise ratio	112 dB
Total harmonic distortion	0.0025% (1 kHz)

General

Power supply	AC 230 V, 50/60 Hz
Power consumption	22 W
Power consumption in standby mode	0.3 W
Dimensions (W x H x D)	434 x 107 x 273 mm
Weight	4.1 kg

*1) Some poorly-written discs may not be playable. Playback may not be possible even when a disc has been correctly finalized.



*Black version is also available



*Design and specifications are subject to change without notice.