

# DCD-710AE

CD Player

# DENON

## High-quality Audio Engineering Above the Norm for this Class Listen to your iPod or USB Memory in High-quality Sound, too!

The DCD-710AE CD Player is endowed with plenty of acclaimed Denon audio technology to give you a quality of sound you'd expect only from higher-priced models. It also has a USB port for digital input from an iPod or USB memory.

The DCD-710AE's exceptional sound quality is produced by a combination of Denon's analog waveform recreation technology called AL24 Processing, highly accurate D/A converters, and DAC master clock design.

*AL24 Processing*

MP3

WMA



### New features

- USB port for playback from an iPod or USB memory

### Useful Functions

- Remote control unit equipped with buttons of different shapes and sizes based on their functions for easy operation
- Folder Mode function, for playing only files stored in specific folders

### Features

#### High quality sound

- AL24 Processing, to dramatically enhance the music listening experience
- High precision 24-bit 192 kHz D/A converter
- Thoroughly vibration-resistant design with Direct Mechanical Ground Construction
- Original Denon Mechanism with central assembly drawer unit
- Carefully designed construction to preserve audio signal purity
- Minimum signal path design
- Strictly selected parts for high sound quality
- European sound-tuned

### Others

- Aluminium panel design, befitting the elegance of an audio component
- Design matches the new PMA-710AE integrated amplifier

## High quality sound

### • AL24 Processing, to dramatically enhance the music listening experience

AL24 Processing is a high-grade analog waveform reproduction technology developed by Denon to support lower quantisation noise and higher sonic resolution and sampling. This technology dramatically improves the player's ability to reproduce the moments when music quietly fades away or instants when it starts following complete silence.

### • High precision 24-bit 192 kHz D/A converter;

Denon engineers used rigorous listening tests to select the DCD-710AE's high-precision 24-bit/192 kHz D/A converter. This converter and the audio circuit design that Denon has developed over many years masterfully reproduce the delicate nuances of music in the audio signal.

### • DAC master clock design

To secure reliable oscillation accuracy, the DCD-710AE 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.

### • Thoroughly 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.

### • Original Denon mechanism with central assembly drawer unit

The CD drive mechanism has been placed at the centre of the DCD-710AE's chassis to balance the weight of the body, and a bracket has been added between the chassis and the mechanism to strengthen the rigidity of the chassis bottom. Vibration that occurs while the drive's motor operates is also suppressed to an absolute minimum so that it does not affect sound quality.

### • Carefully designed construction to preserve audio signal purity

To further eliminate adverse influences on the audio signal, the DCD-710AE's transformer has been mounted in a position that keeps leakage flux away from the audio circuit.

### • Minimum signal path design

"Simple & Straight" is Denon's hallmark approach to ensuring that the audio signal is reproduced with utmost fidelity. The DCD-710AE'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.

### • USB port for playback from an iPod or USB memory<sup>\*1)</sup>

This port lets you connect an iPod or USB memory and directly play WMA or MP3 music files stored on those devices. Since digital signals from the USB port pass through the DCD-710AE'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-710AE can even recharge your iPod while it is connected.

### • Strictly selected parts for high sound quality

To ensure that the DCD-710AE 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

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).

### • CD-R/CD-RW playback <sup>\*2)</sup> (MP3, WMA)

### • Display dimmer function (normal brightness, 2/3, 1/3, off)

The DCD-710AE's display dimmer function lets you darken the listening room to suit your mood when listening to music.

## Useful Functions

### • Pitch Control

The CD playback pitch can be adjusted  $\pm 12\%$  in 0.1% increments through control from the master clock. This feature is useful for applications such as editing tapes recorded from CDs or practicing music lessons. This pitch control can also be set when a performance is stopped. Performances can thus be started from the beginning at the desired pitch.

### • Remote control unit equipped with buttons of different shapes and sizes based on their functions for easy operation

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

### • "Folder +/-" key on the remote control unit, to easily select a folder to open (for playing MP3/WMA files stored on a disc)

### • A wealth of additional playback function;

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

For MP3/WMA files: (Random / All-track repeat / All-track repeat between folders / 1 track repeat)

### • Optical digital output

### • Headphone jack with volume function

## Others

### • Front panel layout, designed for ease of use

### • Integration with the new PMA-710AE's remote control unit

<sup>\*1)</sup> Supported iPods: iPod nano, iPod fifth generation, iPod classic and iPod touch (iPod shuffle is not supported).

<sup>\*2)</sup> Some poorly-written discs may not be playable. Playback may not be possible even when a disc has been correctly finalized.

## Specifications

### CD section

Channels	2 channel stereo
Dynamic range	100 dB
Signal-to-noise ratio	110 dB
Total harmonic distortion	0.0025% (1 kHz)

### General

Power supply	AC 230 V, 50 Hz
Power consumption	22 W
Dimensions (W x H x D)	434 x 107 x 279 mm
Weight	4.2 kg



Black version is also available



\*Design and specifications are subject to change without notice.  
\*Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod and has been certified by the developer to meet Apple performance standards.  
Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.  
iPod is a trademark of Apple Inc., registered in the U.S. and other countries.