The DCD-720AE CD Player is endowed with plenty of acclaimed Denon audio technology to give you a quality of sound you would normally expect only from higher priced models. It also has a USB port for digital input from an iPod or USB memory.

The DCD-720AE’s exceptional sound quality is produced by a combination of Denon’s analog waveform recreation technology called AL32 Processing, highly accurate 32bit / 192kHz D/A converter (DAC), and DAC master clock design.

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Advanced AL32 Processor and high-precision 32-bit, 192-kHz D/A converters, to reproduce the original sound

Denon's Advanced AL32 Processor expands audio data to 32 bits and uses a proprietary algorithm to interpolate the data and perform upconversion and sampling, achieving a playback sound that is close to the original source. Since high-performance devices capable of large capacity processing read data samples across a wide spectrum and process them in a single stage, they interpolate signals with greater precision compared with multi-stage digital filters and other such devices. In addition, the use of algorithms ideal for frequency characteristics outside the audible range to filter sudden bursts of musical data or continuous sound at high frequencies protects sound quality from the adverse effects of aliasing noise or drops in high-range response. The Advanced AL32 Processor reproduces the delicate nuances of music, as well as spatial information such as the position of the artist and the breadth, height, and depth of the stage, in a more natural manner.

To ensure that the Advanced AL32 Processor performs at its maximum potential, the DCD-720AE has been fitted with high-precision 32-bit, 192-kHz D/A converters. These D/A converters transmit differential output to each channel to improve sound quality during playback. These converters let you enjoy minute details of music with remarkable clarity, including the acoustic resonances of concert halls.

USB port for playback from an iPod or USB memory

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-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 iPod and iPad while it is connected.

DAC master clock design, to suppress jitter and noise

The DCD-720AE features the same type of DAC that is used in our high-class CD player as a master of clock signals for all devices. Since these clock signals are generated by an oscillator circuit module, it is possible to obtain highly reliable oscillation unaffected by other elements.

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.