

DCD-510AE

CD Player

DENON

A DENON CD player that gives listeners hours of music listening pleasure with MP3/WMA playback!

To faithfully reproduce the original sound, the DCD-510AE is endowed with a wide range of audio technology that DENON has developed and refined for almost a century. In addition, the DCD-510AE is capable of 2 line displays, and the remote control unit features number keys and playback buttons in various shapes for easy recognition without looking at them.



Premium Silver



Black



MP3 WMA

New features

- CD-R/CD-RW playback **1) (MP3, WMA)
- 2 line fluorescent display

Features

High quality sound

- High precision 24-bit 192 kHz D/A converter
- 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

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

Others

- Aluminium front panel, fitting the elegant design of other components in the range
- Design matches the new PMA-510AE integrated amplifier

High quality sound

High precision 24-bit 192 kHz D/A converter; DENON engineers used rigorous listening tests to select the DCD-510AE'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 reproduces the delicate nuances of music in the audio signal.

8 times oversampling digital filter

The DCD-510AE's 8 times oversampling digital filter ensures that the digital sound you hear is as pure and clear as possible over the entire audio spectrum. All signals from the lowest to the highest levels are well balanced and of exceptional quality.

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-510AE'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-510AE'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-510AE'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.

Strictly selected parts for high sound quality

To ensure that the DCD-510AE 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.

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

The DCD-510AE's display dimmer function lets you darken the display on the CD player to suit your mood when listening to music.

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 (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-510AE's remote control unit

¹⁾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	98 dB
Signal-to-noise ratio	105 dB
Total harmonic distortion	0.003% (1 kHz)
Channel separation	100 dB

General

Power supply	AC 230 V, 50 Hz
Power consumption	13 W
Dimensions (W x H x D)	434 x 107 x 279 mm
Weight	4.0 kg

Ideal completion



DP-200USB
Fully automatic record player



TU-1800DAB
DAB/FM-RDS/AM Radio Tuner



PMA-510AE
Integrated Amplifier



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