

Classé

CDP-1



Technology Reflected in Music

FEATURES AND SPECIFICATIONS:

CDP-1

Classé

CDP-1 Features :

Dynamic Range:

16 bit linear

Signal to Noise:

-108db typical

THD + Noise:

better than -90db @ 1 KHz

Channel Separation:

better than -115db @ 1 KHz

Offset Voltage:

better than +/- .005 volts DC

Clock Jitter:

less than 5 picoseconds RMS, 20hz to 40khz

D/A Converter:

ultraAnalog 20400A, Dual 20 bit

Low pass analog filter:

3 pole linear phase low pass filter with discrete output buffer stage

Digital Filter:

Pacific Microsonics PMD-100 with HDCD decoding capability

Laser Semiconductor:

GaAlAs, .5mw, continuous 790nm

Sampling rate:

352.8 KHz

Disc Rotational Velocity:

200 to 500 RPM (constant linear velocity)

Quantization:

16 bits, linear

Error Correction:

CIRC Principle

Channels:

2 channels, Stereo

Remote Control:

Full-function Classé machined remote control

Operating Position:

horizontal; tolerates up to +/- 5 degree inclination in any direction

Operating Temperature:

0 C. to + 40 C

Digital Output:

AES/EBU on XLR connector
110 ohms, 3.0 Volt peak to peak output

Analog Output:

XLR, fully balanced, typically 4.0 Volt output RMS less than 120 ohm output impedance
RCA, single ended, typically 2.0 Volt output RMS less than 60 ohm output impedance

Power consumption (idle):

35 watts

Dimensions:

19" wide, 4.5" tall, 16" deep

Weight:

18 lbs

Classé Audio, Inc. shares a dream with its clients - the true re-creation of a live performance. Our devotion to the creation of audio and home theater products of impeccable quality is an approach that an audiophile magazine recently called "a combination of art and science (that) exemplifies the best that high-end audio has to offer." This remarkable achievement is reflected in our worldwide reputation for unsurpassed musical performance, reliability, consistency, and overall value. Classé's philosophy is one of technological evolution, not revolution. Building on what we know works.

The new Classé CDP-1 integrated CD player is a simplified combination of the best features and technical aspects of the very successful Classé Audio digital separates (DAC-1 and CDT-1)

The Classé digital separates offer the highest level of performance and flexibility possible; however, many customers do not require the additional input flexibility, or do not have the physical space necessary to install the separate digital components. For these customers, the CDP-1 offers a simple and less expensive alternative than the separates.

The Classé CDP-1 offers the same elegant and high performance chassis, servo board, and transport mechanism of the more expensive digital transport; Digital filtering is performed by the same high quality PMD-100 (HDCD) digital filter. D to A conversion is performed by a single differential 20 bit

UltraAnalog DAC module, rather than the dual DAC modules found in the DAC-1. Because of the elimination of the need to receive digital signals from outside transport mechanisms, the CD player has no need to incorporate the high performance UltraAnalog AES21 Digital interface Receiver. We are able to eliminate some of the expensive digital interface and cable options required for any high performance digital separates. With the elimination of these key parts, as well as simplified power supplies and chassis requirements, the CDP-1 can be offered at a far more economical price than the Classé digital separates.

Like all Classé components, we have suppressed unwanted vibration through solid construction. We have worked to reduce jitter to practically un-measurable levels, assure that these timing errors will not harm musical integrity. For additional flexibility, we have included a high-performance AES/EBU digital output; this allows the CDP-1 CD player to be used as a source for recording or remote listening locations. In addition to its outstanding sonic and technical advantages, the CDP-1 is a pleasure to use. The front panel is a simple, yet fully functional. For additional convenience, the CDP-1 comes with an elegant remote control fabricated in a brushed and anodized aluminum housing.

Our own listening evaluations have placed the CDP-1 among the best integrated players available today; we believe that it represents a natural and very complementary companion piece for owners of Classé amplifiers and preamplifiers.



Classé,

No other CD player is built like it.

No other CD player sounds like it.