

Classé

DAC-1



Technology Reflected in Music

FEATURES AND SPECIFICATIONS:

DAC-1

Classé

Inputs :

2x coaxial
1x balanced AES/EBU
1x toslink optical
1x ST optical

DIGITAL SPECIFICATIONS

Sample rate:

32 kHz, 44.1kHz, and 48kHz

D/A Conversion:

UltraAnalog 20-bit DACS in balanced configuration

Digital filter:

8x oversampling, HDCD decoder & filter

Analog filter:

Passive linear phase

Frequency response:

20 Hz to 20 kHz +/- 0.3dB

ANALOG SPECIFICATIONS

Output impedance:

50 Ohms

Frequency response:

20 Hz to 20 kHz +/- 0.1dB

Harmonic distortion:

Less than 0.003% @ 1kHz

Output levels:

Normal CD HDCD

Single ended (RCA) 1.52 Vrms 3.04 Vrms

Balanced (XLR) 3.04 Vrms 6.08 Vrms

S/N Ratio:

110 dB

Channel separation:

123 dB @ 1kHz

Power consumption:

25 Watts

Standard finishes:

Satin black or soft shadow silver

Dimensions:

19" x 14 3/4" x 3 1/4"

Weight:

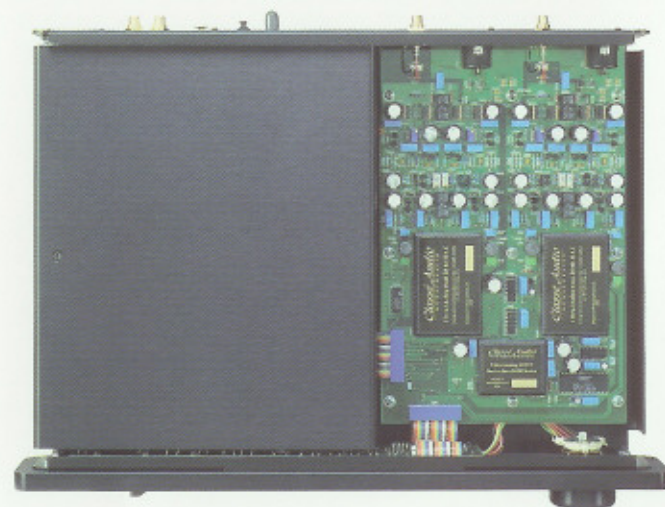
17 lbs

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 DAC-1 HDCD digital-to-analog converter employs a unique design, borrowed from the advanced technology utilized in our preamplifiers and power amplifiers. The toroidal power transformer is unusually large, and the numerous dedicated power supplies for each section of the DAC-1 are extremely well regulated. This provides the optimum isolation between the analog and digital circuitry, allowing them to perform flawlessly, revealing detail and dynamics never before associated with digital reproduction. Music immerses from a background of total silence.

The digital data stream is decoded by Ultra Analog 20-bit dual DACs per channel. This allows the DAC-1 to operate in true balanced configuration, and the output signal from the converters is fed into a gentle filter to remove any unwanted artifacts outside the audible frequency range. Our filter uses only the highest quality components, including extremely tight tolerance polypropylene capacitors and 1% metal film resistors, and its gentle slope prevents any phase shift. Like our amplifiers, the analog stages use different transistor types such as J-FETS and MOSFETS, to benefit from each one's sonic and electrical advantages. Music retains its original harmonic structure, while possessing an extraordinary transparency and realism.

The DAC-1 comes standard with HDCD decoding capability. Standard inputs include coaxial, AES/EBU, AT&T, and Toslink, while both regular and balanced outputs are also provided. In addition, absolute phase is selectable, and a digital display shows all user settings. Build quality reflects the Classé look, feel and individuality, from its advanced technology to its simple, elegant appearance.



Classé,

No other D-to-A converter is built like it.

No other D-to-A converter sounds like it.