



Classé
CAP-150

CAP-150



CAP-150 Features :

Preamplifier:

Maximum output:

20v peak to peak

Output Impedance:

50 Ohm

Input Impedance:

12 KOhm for balanced input

33 KOhm for single ended input

Gain:

17 db

Signal/Noise:

-110 db 'A' weighted

THD + Noise:

0.006%

Frequency response:

20Hz to 20kHz \pm 0.1db

Crosstalk:

-75db at 1kHz

Amplifier:

Power output:

150 watts into 8 ohm,

225 watts into 4 ohm

Output Impedance:

0.17 ohm

Input Impedance:

118kohm

Gain:

29 db

Signal/Noise:

-110 db A weighted

THD + Noise:

0.002%

Power consumption (idle):

70 watts

Dimension:

19" wide, 5" tall, 17" deep

Weight:

35 lbs

Features and specifications:

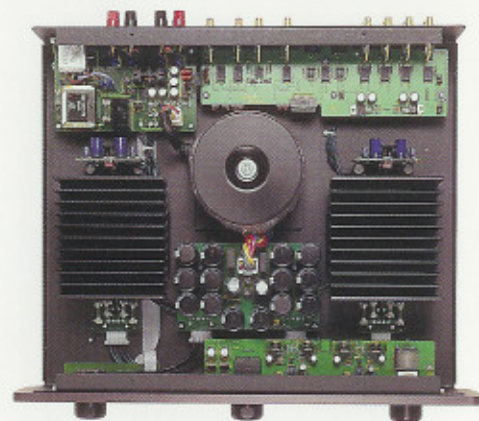
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Classé Audio, Inc. shares a dream with its clients - the true recreation of a live performance. Our devotion to the creation of audio and home theater products of impeccable quality is an approach that an audiophile magazine recently called "a combination 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.

All Classé amplifiers and preamplifiers share a common, unique design. We have taken the best characteristics of our separate amplifier/preamplifier designs, and created a simplified product which offers an ideal combination of performance and convenience. All aspects of the circuit design and power supply are directly derived from the most recent versions of our separate components. The CAP-150 power supply includes a massive toroidal transformer, along with Classé Audio's unique solution to capacitive filtering. Rather than the large, slow filter capacitors found in most amplifiers, the CAP-150 uses a large number of smaller capacitors distributed throughout each stage of the amplifier and preamplifier. These capacitors offer filtering in close proximity to the circuits they supply. The

result is a lightning-quick response coupled with a more natural sound! Microphonics, caused by component vibration and magnetic interference from the passage of electric current through them, has plagued audio designers since the beginning of recorded sound. Isolation is the key. At Classé, we begin with a unique front-end circuit topology that mechanically decouples vibration-sensitive components from all sources of vibration. In addition, our transformers rest on a specially designed plate to draw magnetic fields away from the circuitry.

BI-POLAR? MOSFET? J-FET? Most high-end amplifiers use only one type of transistor. At Classé, we use all three in a unique sequence that makes the most of their particular voltage and input impedance characteristics. In addition, we have designed small but highly efficient extruded aluminum heat sinks that disperse transistor-generated heat, ensuring maximum output without distortion. The CAP-150 includes a very special capability; with a simple touch of a front panel button, the amplifier and preamplifier sections of the CAP-150 can be separated. This is particularly convenient for use as part of a more complex multi-amplified system, or for the purpose of inserting equalization or other room correction between amplifier and preamplifier stages. In this way, the CAP-150 offers the flexibility of separates while maintaining the convenience and simplicity of an integrated amplifier.



Classé

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