



Classé
CA-400

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Features and specifications:

CA-400

Rated output power:

Stereo Mono

@ 8 Ohm load 400 W 1400 W

@ 4 Ohm load 800 W 2400 W

Frequency response:

20Hz to 20KHz \pm 0.1 db

Sensitivity:

1.9 Volts in for rated output

Input Impedance:

75 KOhm

Output Impedance:

0.01 Ohm

Gain:

29.02 db

S/N Ratio:

137 dbr

THD + N:

0.004%

Power consumption (idle):

360 W

Standard finishes:

Satin black or
soft shadow silver

Dimensions:

19" x 23" x 9 1/2"

Weight:

120 lbs

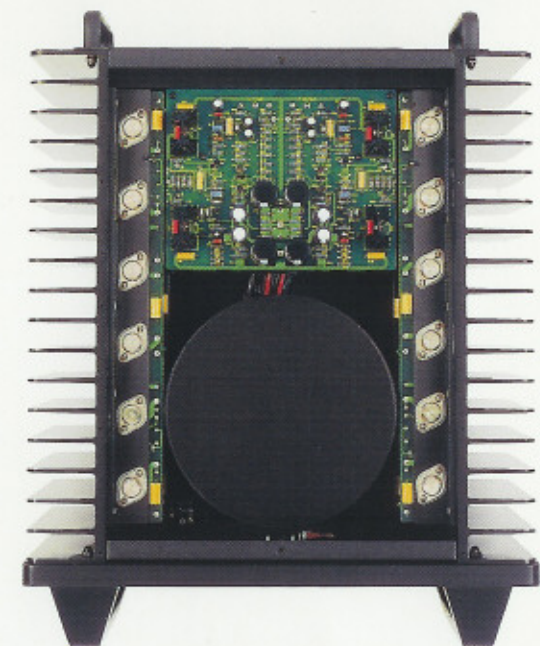
Classé Audio, Inc. shares a dream with its clients—the true re-creation of a live performance. Our devotion to the creation of audio and home theater products of impeccable quality is an approach that an audiophile magazine recently called “a combination of art and science that exemplifies the best that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

All Classé amplifiers share a common, unique design. Each model employs a massive, shielded toroidal transformer to power our sophisticated, high-speed circuitry. In most high-end amplifiers, this power is sent to a small number of large reservoir capacitors for distribution. However, large capacitors are often slow in responding to the rapidly fluctuating energy demands of music. The ingenious Classé solution uses a large number of small capacitors distributed throughout each amplifier which are located in close proximity to the circuits

they supply. The result is a lightning-quick response creating fabulous dynamics 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 have a shielding case packed with a special clamping material, and 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.



Classé

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