



CLASSE

DELTA SERIES PRELIMINARY INFORMATION

CA-5100 FIVE-CHANNEL AMPLIFIER



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The Classé Delta series amplifiers have earned global acclaim for their superb performance, innovative features and stunning design. The standard set by the 400W CA-M400 monaural amplifier is followed closely by our 2X, 3X and 5X200W models, as well as our 100W stereo amplifier. New to the mix is the CA-5100.

The CA-5100 is rated at 5X100W (at 8 ohms, all channels driven), and shares common circuit topologies, component parts and features with its famous five siblings. Key design features include:

- Separate power supply for control and AC monitoring circuits.
- Three separate audio supplies are derived from the main transformer via separate secondary windings for L + surround L, R + surround R, and Center channels.
- Four-layer input and output circuit boards allow optimum routing of signal, power and ground paths.
- Balanced and single-ended inputs for each channel may be selected from the front panel or by RS-232 control allowing both a preamp and surround processor to be connected simultaneously.
- Comprehensive protection circuitry includes thermal, DC and over-current protection.
- Bi-directional RS-232, IR, CAN BUS and DC trigger control features are supplemented by built-in diagnostic capabilities.

As with all Delta series amplifiers, the CA-5100 is designed to perform effortlessly without regard to the demands you place on it. Difficult speaker loads and challenging source material are no problem for Classé amplifiers. With a Classé system, you are in control. Choose the music and movies you like and we'll help you forget everything else.

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model	CA-5100
power output (all channels driven)	100W/ch continuous rms @ 8Ω 200W/ch continuous rms @ 4Ω
frequency response	10Hz – 22kHz (+0/-0.1dB) 10Hz – 155kHz (+0/-3.0dB)
phase	less than -10° (22kHz)
signal-to-noise ratio	better than 106dB (ref. full output, 10Hz – 80kHz)
channel separation	better than 80dB @ 20kHz
noise floor (FFT)	all peaks less than -95dBV (10Hz – 80kHz)
distortion (THD + noise)	0.002% @ 8Ω (unweighted, 0.5Vrms/1kHz input, 10Hz – 500kHz)
voltage gain	29.1dB
sensitivity	1.0 Vrms for rated output @ 8Ω
input Impedance	100kΩ
rated power consumption (as per IEC60065 para. 2.3.10)	648W
idle power consumption	264W
mains voltage	specified on rear panel (cannot be changed by dealer or user)
dimensions (not incl. controls or connectors)	
width	17.5" (445mm)
height	6.75" (172mm)
depth	18.5" (467mm)
shipping weight	88 lbs (40kg)
net weight	75 lbs (34kg)



Classé Audio reserves the right to make improvements or changes without notice.