



## Description

The C Series amplifiers offer a range of flexible amplification solutions for commercial installations. In the range there are 4 power variations. 2 x 250W, 2 x 450W, 4 x 250W and 4 x 450W all at 8ohm. Each amplifier supports 8ohm, 4ohm, 2ohm and/or 100V. Phoenix connector input, link and outputs.

## Features

- High efficiency and low operating cost - Switch mode, wide-range power supply (90–260 VAC, 50/60 Hz)
- Temperature-controlled fan for quiet operation - Limiting and fault indication - Balanced input
- Stereo, parallel and bridge low-impedance modes NB: Bridge not available in 100/70V
- 100V and 70V constant-voltage high-impedance modes - Undervoltage protection
- Temperature-controlled power management with protection indicators
- Overload protection for uninterrupted audio output - DC protection on amplifier output

## Specifications

Model	C4450	C4250	C2450	C2250
Rated Output Power(THD+N=1%, 1kHz continue sine wave, one channel driving)	8Ω/Stereo	4X450W	4X250W	2X250W
	4Ω/Stereo	4X765W	4X425W	2X425W
	2Ω/Stereo*	4X1300W	4X720W	2X1300W
	16Ω/Bridge	2X900W	2X500W	1X900W
	8Ω/Bridge	2X1530W	2X850W	1X1530W
	4Ω/Bridge*	2X2600W	2X1440W	1X2600W
	100V Hi-Z	4X765W	4X425W	2X765W
	70V Hi-Z	4X450W	4X250W	2X450W
Input Sensitivity	Selectable: 0.775Vrms, 1Vrms (Rated output Power, 1kHz)			
THD+N	typical:0.05%(10% Rated Power, 1kHz)			
Cross-talk	≥90dB(20Hz-1kHz,below Rated Power)			
Frequency response	typical:±0.5dB(10% Rated Power,20 Hz-20 kHz, Lo-Z,8Ω) typical:±3.0dB(10% Rated Power,100 Hz-16 kHz, Hi-Z)			
Input impedance	20kΩ(Balance), 10kΩ(Unbalance)			
Damp factor	typical:300(20Hz-200Hz, Lo-Z, 8Ω)			
SNR	≥100dB(A weighted)			
Main power	100-240 VAC ±10%,50/60 Hz			
Protection	Protection:Under voltage, DC, Over temperature; Limiter: Over temperature,Over load, Short .			
Size	483x45x370mm(WxHxD)			
Net weight	8.0kg		7.3kg	

\* Test condition: 20ms,1kHz,THD+N=1%.

