



(Ci 20x8 model shown)

Power Ratings	Dual		Bridged	
	8Ω	70 volt	16Ω	140 volt
Ci 20x8	200 w	200 w	400 w	400 w
Ci 30x4	300 w	300 w	600 w	600 w

1kHz, 0.02% THD+N Power figures are watts per channel, all channels driven.

FEATURES OVERVIEW:

- Four- and eight-channel versions available (100-volts isolated outputs with optional accessories).
- Individual channels may be selected as low impedance or 70 volt
- Tour Class® protection
- Front and rear panel indicators for amplifier status
- Variable-speed fan
- Sequential turn-on standard
- Euro-style input connectors
- Barrier strip output connectors
- One controlled-voltage input per channel standard
- One fault relay per channel standard
- Module bay provided to input Nx module bay accessories for full amplifier control and monitoring via NexSys® 4 software or MediaMatrix® product and digital audio distribution
- 100- and 50-volt operation supported with external accessories
- EN60849 and ANSI60849 compliant with optional accessories

DESCRIPTION:

The Ci Series is the next generation family of elevated efficiency amplification from Crest Audio. Ci amplifiers are designed to drive low-impedance or 70-volt speaker loads without bridging between channels. Bridged operations are supported for additional power into 8-ohm loads or 140-volt operation.

As with all Crest Audio products, sonic performance is of primary importance. In addition, high-efficiency, comprehensive load protection and compact packaging have been achieved in the Ci design.

The Ci Series amplifiers incorporate Crest Audio's tried-and-true modular approach to intelligent amplifier configuration. Through the provision of a single module bay, these amplifiers comes with a module that facilitates load monitoring, digital audio delivery and Crest Audio's NexSys networking.

A full complement of features and options makes this series very versatile, whether powering airport systems, restaurant audio or a myriad of other applications. The Ci Series amplifiers bring a new generation of amplification to Crest Audio.

Product Specifications

Ci™

frequency response 1W @ 8 ohms	5 Hz to 20 kHz, +/-1 dB	
power bw rated power @ 4 ohms, 1% THD+N	20 Hz to 20 kHz, +/-1 dB	
THD + N	<0.02% @ rated power (@ 70 volt, 1kHz)	
damping factor	200:1 @ 8 ohms (20 Hz to 100 Hz)	
input CMRR	>60 dB @ 1kHz	
gain / input sensitivity @ 70 volts	1.14 volts for full rated output power (70 volt switch selected)	
gain / input sensitivity @ 8Ω	1.0 volts for full rated output power (Low Z switch selected)	
input impedance	>20 kohms balanced, > 10 kohms unbalanced	
hum and noise	> -97 dB, A-weighted below rated power @ 8 ohms	
crosstalk	> -60 dB below max rated power (1 kHz)	
power supply	Linear with toroid transformer	
	Ci 30x4	Ci 20x8
circuit breaker rating (120V/230V)	6A / 3A	12A / 6A
current draw (120VAC) 1/8 power, 70 volts	2.3A	4.0A
1/3 power, 70 volts	4.4A	8.0A
at idle	<1.0A	<2.0A
thermal emissions 1/3 Power, 70 volts btu / hr	621	947
cooling	Front to side via variable speed fan	
input connectors	balanced three-pin Euro-style (rear panel)	
output connectors	barrier strips (rear panel)	
power sequence connectors	2 X three-pin Euro-style (rear panel)	
fault connectors	three-pin Euro-style (rear panel)	
control voltage connectors	two-pin Euro-style (rear panel)	
controls	front panel: three-position On / Off / Remote power switch rear panel: stepped attenuators, 70V/Low Z switch, dual/bridged switch, circuit breaker	
LED indicators	front and rear panels: Signal, ACL/IGM, Protect, Active, Power Present	
construction	16-gauge steel chassis, double thickness in rack ear areas	
dimensions (h x w x d)	3.5" x 19" (front panel) 17" (chassis) x 17.3" (18.55" to rack ears)	
warranty	five years *U.S.A., Canada, United Kingdom and many other countries	

Crest Audio reserves the right to make improvements in manufacturing or design which may affect specifications.

