

CXA-10 / CXA-8

POWER AMPLIFIERS

PRODUCT OVERVIEW



FEATURES

- Power ratings up to 2800 watts – run in stereo or bridged
- Professional quality design and reliability
- Flow-through cooling design prevents overheating
- Defeatable limiter and high pass filter per channel
- Detented 21-position input level control knobs
- Front panel LED indication of power, clip protect and signal status

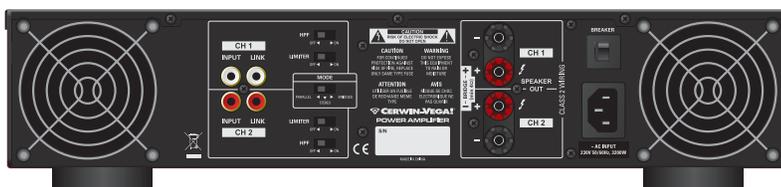
The Cerwin-Vega! CXA-Series high performance stereo and bridgeable power amplifiers are for those that want to sound like a pro! These home-use versions of the renowned Cerwin-Vega! Professional series amplifiers. The same capability for shock and awe, but with input/output connections and a form factor suited for performing at home versus on stage.

These workhorses have the muscle to accommodate the most demanding audio challenges. With power ratings of up to 1800 watts* (for the CXA 8) and 2800 watts* (for the CXA 10), exceptional THD (Total Harmonic Distortion) and Signal-to-Noise ratings, the CV Series power amps are the right choice for a wide range of music and home theater applications.

To ensure reliable operation the CXA amps include a highly efficient variable speed tunnel cooling system that dynamically follows amplifier output levels. When unneeded, the fans shut down entirely thereby reducing ambient noise. The 21-position detent level control knobs help you set and maintain volume settings. Signal and clip indicators provide a convenient way to monitor the amplifier's status. Proven professionally -- the CXA-Series Amps are right for the job – even when the “job” is entertaining friends and family.

*In bridged mono operation at 4 ohms

CXA-10 Back Panel



CXA-8 Back Panel



Specifications & appearance subject to change.

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CERWIN-VEGA!
The **LOUD** Speaker Company

CXA-10 / CXA-8

POWER AMPLIFIERS

SPECIFICATIONS

	CXA-8	CXA-10
Output Power (RMS)	Stereo Both Channels Driven	
8 ohms	400 W	600 W
4 ohms	600 W	900 W
2 ohms	900 W	1400 W
Output Power (RMS)	Bridged Mono	
8 ohms	1200 W	1800 W
4 ohms	1800 W	2800 W
Signal to Noise Ratio (20 Hz - 20k Hz)	102 dB	104 dB
Distortion (SMPTE-IM)	0.01%	0.04%
Input Sensitivity @ 8 ohms	4 dBu	4 dBu
Voltage Gain	33 dB	35 dB
Output Circuitry	Class AB	Class H
Current Consumption	240 Vac	
@ 1/8 power @ 4 ohms	4.4 amps	3.4 amps
@ 1/3 power @ 4 ohms	6 amps	8.3 amps
@ Full power @ 4 ohms	9.5 amps	16 amps
Distortion		
20 Hz - 20k Hz @ 1/2 Power	0.01%	0.03%
1k Hz @ Full Power	0.10%	0.10%
FREQUENCY RESPONSE		
+/- 0.5 dB	20 Hz - 20 kHz	
+/- 3 dB	5 Hz - 60 kHz	
Damping Factor (400 Hz)	280	350
Input Impedance	15k ohm Un-balanced / 30k ohm balanced	
Input Clipping	22 dBu (10 Vrms)	
Cooling	Continuously variable speed fan, front to rear	
CONNECTORS		
Input	Unbalanced RCA input and link out	
Output	5-way binding post	
CONTROLS		
Front	AC power switch / Channel 1 & 2 volume	
Rear	HPF Switch / Limiter Switch / Mode Selector Switch	
Indicators	Power On: Light Blue / Signal: Dark Blue / Limit-Clip: Red	
Protection	Short Circuit / Thermal / Current Limit resetable breaker / DC offset / Current In-Rush / RF Protection / On-Off Mute	
Power Requirements	240 Vac 50 Hz	
Dimensions	482 mm X 88 mm X 420 mm	
Net Weight	18 Kg	20.7 Kg