

## 1800W Power Amplifiers



**BostonAudio CA-9**

### Application

The CA 9 professional power amplifier is designed to achieve unsurpassed sonic performance and long-term reliability—even when operating under extreme stress—in touring or fixed installation applications.

Designed with touring sound professionals in mind, the CA Series power amplifiers faithfully produce high power with low distortion in an extremely lightweight economical package.

Rock stable in stereo or bridged mode operation this series is engineered to exceed expectations, when powering multiple or single loudspeaker enclosures down to a 2 ohm load.

The CA Series offer the protection that ensures safe & trouble free shows night after night.

### Other CA Series Power Amplifiers

4Ω Stereo	CA2	CA4	CA6	CA9	CA12
1kHz, .01% THD+N	250 W	435 W	600 W	900 W	1200 W
20Hz-20kHz, 0.1% THD+N	200 W	400 W	500 W	800 W	1100 W

### SPECIFICATIONS

	<b>1kHz, 0.01% THD / 20Hz-20kHz, 0.1% THD+N</b>	
<b>8Ω Stereo Power</b>	600W	550W
<b>4Ω Stereo Power</b>	900W	800W
<b>2Ω Stereo Power</b>	1000W	900W
<b>8Ω Bridged Mono Power</b>	1800W	1600W
<b>4Ω Bridged Mono Power</b>	2000W	1800W
<b>Max RMS Output Voltage (each channel)</b>	82V	
<b>Peak Output Voltage (each channel)</b>	116V	
<b>Frequency Response (+0 / -0.3dB, 1W/8Ω)</b>	20Hz-20kHz, -3dB@135kHz	
<b>Power Bandwidth (rated power at 4Ω)</b>	20Hz-20kHz, -.84dB/+0dB	
<b>TourClass® Protection</b>	ACL, AutoRamp, short circuit, DC voltage, turn-on/off transient, sub/ultrasonic input.	
<b>THD+N (rated power at 4Ω, 1kHz)</b>	<0.01%	
<b>SMPTE IMD (rated power at 8Ω)</b>	<0.01%	
<b>Damping Factor (10-400Hz at 8Ω)</b>	700:1	
<b>Input CMRR (1kHz)</b>	> - 60dB	
<b>Input Sensitivity (rated power at 8Ω)</b>	0.775V standard (see table below)	
<b>Voltage Gain</b>	X97.5 standard (see table below)	
<b>Input Impedance (balanced/unbalanced)</b>	>20kΩ/>10kΩ	
<b>Hum and Noise (full power, 4Ω)</b>	-105dB	
<b>Crosstalk ("A" weighted, full power, 4Ω)</b>	> - 60dB	
<b>Class</b>	H	
<b>Input Connectors (per channel)</b>	Female XLR	
<b>Output Connectors (per channel)</b>	Speakon connectors	
<b>Filter Storage</b>	80,000 μF	
<b>Power Supply (factory configured)</b>	100V-240V, 50-60Hz	
<b>Idle Current Draw 120V</b>	2.0A	
<b>Power Curr. Draw (typical music, 120V/4Ω)</b>	8.6A	
<b>1/3 Power Curr (continuous music, 120V/4Ω)</b>	16.0A	
<b>Max Curr (circuit breaker rating, 120V/4Ω)</b>	21A	
<b>Thermal Emissions (1/8 Power, 4Ω)</b>	3250 BTU/hr	
<b>Thermal Emissions (1/3 Power, 4Ω)</b>	4341 BTU/hr	
<b>Cooling</b>	Back-to-front via 2 rear panel mounted variable-speed DC fans	
<b>Controls</b>	Front Panel: 2 attenuators Rear Panel: signal ground lift switch	
<b>LED Indicators (per channel)</b>	Clip/Limit, Signal, Temp/DC, Active	
<b>Construction</b>	Steel chassis, 16 gauge.	
<b>Dimensions (Height x Width x Depth)</b>	3.5" x 19" x 18" / 89 x 483 x 457mm	
<b>Gross Weight, Net Weight</b>	52 lbs. (32.60 kg.), 47 lbs. (21.33 kg.)	