



Applications

The MC Series Amplifiers can use in stadium, dance hall, concerts and touring live performances.

Power Output

Ratings (RMS @ 1% THD @ 230VAC)

Model	MC-7200		MC-8200	
Number of channels	2		2	
Total output all channels driven	3000 W @ 4 ohms		4600 W @ 4 ohms	
Max. Output Power	4 ohms	8 ohms	4 ohms	8 ohms
Per channel watts	1500 W	1000 W	2300 W	1300 W
Bridge Mono	3000 W	1900 W	4600 W	3000W

Specifications

Frequency Response	±0.1 dB from 20 Hz to 20 kHz at 1 watt		
Phase Response	±10 degrees from 10 Hz to 20 kHz at 1 watt		
THD	0.05%		
Intermodulation Distortion (IMD)	<0.35% (60 Hz and 7 kHz at 4:1, from full rated output to -30dB)		
Signal-to-Noise Ratio	>105 dB A-weighted or 100 dB unweighted below rated power, 20 Hz - 20 kHz.		
CMRR (20 Hz to 1 kHz)	> 55 dB, typically > 70 dB		
Crosstalk	> 80 dB (below rated power, 20 Hz to 1 kHz)		
Slew Rate	80V/usec		
Damping Factor	>2000 from 10 Hz to 400 Hz		
Input Impedance (Nominal)	20KΩ Balanced		
Signal Input	Two balanced 3-pin female XLR connectors		
Signal Output	Parallel two balanced 3-pin male XLR connectors		
Input sensitivity gain	0.775 / 1.0 / 1.44 Volt		
Output Circuitry	Class H		
Output Connector	Two sets of Red & Black color coded binding posts & two Speakon 4 pole chassis connector		
Connectors	3-pin XLR, Speakon 4 pole chassis connector		
LED Indicator	Power, Signal, Protect, Clip		
Protection	Protected against shorted, open or mismatched loads, overloaded power supplies, excessive temperature, chain destruction phenomena, input overload damage and high-frequency blowups.		
	Also protect loudspeakers from input/output DC and turn-on/turn-off transients		
Cooling System	Internal heat sinks fitted with four variable speed fans for uniform heat dissipation from rear to front air flow		
Construction	Steel chassis with durable black powder coat finish and aluminium front panel		
Power Supply	Toroidal Transformer		
Power Range	200 - 240V AC @ 50Hz		
Mains	Power Cord		
Input Power (Watts)	1600W		1900W
Dimension (W x D x H)	482 mm × 443.5 mm × 88.8 mm		482 mm × 468 mm × 132 mm
Size	2U		3U
Net Weight	23.5 Kg		26.6 Kg
Gross Weight	33.0 Kg		37.0 Kg

Note: 1) All specifications are typical values.

2) The amplifier will be fully operational at 2 ohm loads, but due to physical constraints in the construction, this mode of operation is not recommended.

3) The output power measured with 1kHz, 20ms burst, both channels driven.

Description

The POPE Professional® MC Series amplifiers are specially designed for touring and installation. It's unique design and powerful output can meet the requirement of any sound reinforcement project.

Features

- CLASS H circuit to improve the power amplifier's efficiency, stability & decrease the temperature in operation.
- Short-circuit protection, over-temperature protection and DC protection.
- The fan with variable speed for cooling.
- Built-in compressor function to prevent the power amplifier from distortion of over input.