



em-Series Professional Amplifier



em-2.6 (2 x 300W/450W @ 8/4 ohms)



em-4.5 (2 x 500W/800W @ 8/4 ohms)



em-7.0 (2 x 700W/1100W @ 8/4 ohms)

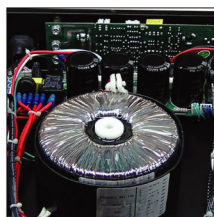


REAR PANEL VIEW

Features



Custom 125Hz Low Pass / High Pass Filter
Built-in frequency filter as a cost saving solution for general applications without external electronic crossover



Custom Power Supply
Custom built power circuitry to suit 240 Vac voltage standards for better power stability, headroom and reliability.



Built-In Limiter
Safety feature to safeguard your speakers from overdrive stress, ensuring reliability of system.



Built-In 3 Level Sensitivity
Easy setup to match amplifier sensitivity to input signal level.



Professional Power Amplifier

em-2.6 / em-4.5 / em-7.0

SPECIFICATIONS



20 - 20kHz, 0.1% THD+N	em2.6	em4.5	em7.0
8Ω Stereo Power	300W	500W	700W
4Ω Stereo Power	450W	800W	1100W
8Ω Bridged Mono Power	800W	1300W	2100W
Max RMS Output Voltage (each channel)	92W	100W	115W
Max Peak Output Voltage	129W	140W	150W
Frequency Response (+0 / -0.3dB, 1W/8Ω)	20Hz-20kHz, -3dB		
Power Bandwidth (rated power at 4Ω,1% THD+N)	20Hz-20kHz		
TourClass Protection	ACL,IGM,Auto Ramp, short circuit, DC voltage, turn-on/off transient, current inrush,sub/ultrasonic input		
THD+N(rated power, 4Ω/1kHz)	<0.1%		
SMPTE IMD (rated power, 8Ω ,50Hz & 7kHz)	<0.01%		
Damping Factor (10-400Hz at 8Ω)	300:1		800:1
Input CMRR (1kHz)	> -70dB		> -60dB
Standard Input Sensitivity (rated power at 8Ω)	0.775V / 1.0V / 1.44V		
Input Impedance (balanced/unbalanced)	>20k >10k Ω		>20k >10kΩ
Humand Noise ("A" weighted, -80 dBW)	-115dB		-95dB
Crosstalk ("A" weighted, full power at 4Ω)	> -80dB		> -60dB
Class	AB	H	H
Input Connectors (per channel)	Female XLR (Pin 2 "+ve" , Pin 3 "-ve" , Pin 1 "GND") / TRS (Tips "+ve" , Rings "-ve" , Sleeve "GND")		
Output Connectors (per channel)	2-way binding posts or Speakon connectors		
Power Supply (factory configured)	240V/50Hz	240V/50Hz	240V/50Hz
Idle Current Draw (220V)	1.5A	1.6A	1.7A
1/8 Power Curr. Draw (typical music cond., 220V/4Ω)	5.5A	6.0A	6.2A
1/3 Power Curr. Draw (cont. music cond., 220V/4Ω)	12.0A	12.5A	14A
Max Curr. Draw (continuous music cond., 220V/4Ω)	17.0A	18.0A	20A
Thermal Emissions (1/8 Power, 4Ω)	6125 BTU/hr	7125 BTU/hr	7525 BTU/hr
Thermal Emissions (1/3 Power, 4Ω)	8450 BTU/hr	9450 BTU/hr	9750 BTU/hr
Cooling	Two rear panel variable speed DC fans, filters detachable without tools		
Controls	Front panel: 2 attenuators, magnetic circuit breaker/ power switch; Rear panel; signal ground lift & mode switches; & input sens.		
LED Indicators (per channel)	Clip / Limit, Signal, Temp / DC, Active		
Construction	Steel chassis, 16 gauge. Double thickness in rack ear areas		
Dimensions (HxWxD)	88 x 482 x 360 mm	88 x 482 x 360 mm	88 x 482 x 360 mm
Gross Weight	20 kgs	25 kgs	28 kgs
Net Weight	16 kgs	21 kgs	24 kgs

• Reserves the right to make changes or improvements in manufacturing or design which may affect specification