Description

The POPE Professional® introduces new Class D amplifier technology offering smooth and responsive handling with massive power output while maintaining POPE Professional's famous sonic integrity. The POPE Professional MD Series is using SMPS technology with built in 4 in 4 out DSP, the resulting high power, lightweight units designed for install and professional touring sound applications.

The POPE Professional MD Series is a range of 4 channels, high output power amplifiers. The MD Series has been designed to provide that, Powerful Pure Sonic Performance which is now so synonymous with the POPE Professional brand name. With the introduction of the MD Series POPE Professional aim to deliver simple, pure and reliable power for applications where cost and ease of use are paramount without lose of integrity.



Features

- Class D Technology
- Power Factor Correction
- Four-channel flexibility
- · XLR input and output connectors
- · Self protection design
- · Efficient cooling system
- · Comprehensive protection
- 4 in 4 out DSP
- In/Out 10 Band Equalizer
- 20 Presets
- PC Control via USB

Applications

- Stadium
- Concerts
- · Touring events
- · Clubs and Discos
- Places of worship
- · Theatre and Auditorium
- Educational Institutions

Power Output

Ratings (RMS @ 1% THD @ 230VAC)

Model	Total	4Ω Per	8Ω Per	4Ω Bridged	8Ω Bridged 70/100V	
	Channels	Channel	Channel			
M-500D	4	500W	250W	2*1250W	2*1250W	2*800W
M-800D	4	800W	400W	2*2500W	2*1600W	2*1600W
M-1250D	4	1250W	1250W	-	-	4*800W
M-2500D	4	2500W	1600W	-	-	4*1600W

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 M-500D & M-800D amplifiers have to select bridge mode for 70/100V operation.

Specifications

Find 1 on	opecinications							
Prequency Response	THD	< 0.05 % (2	20 Hz - 20 kHz, 8 Ω load, 3 dE	B below rated power)				
Output Circuitry Class D - full bandwidth PWM modulator with ultra low distortion Input impedance 15 KB balance* 3 2000 (8 balance*) Can property of the property of the part of the property of the property of the part of the property of the part of the property of the part of the pa	Signal-to-Noise Ratio	> 120 dB (A	A-weighted, 20 Hz - 20 kHz, 8	SΩ load)				
Input impedance	Frequency Response	20 Hz - 20						
Oamping Factor > 20000 (8 M 14Hz and below) Gain and Level Front-pare 14Hz and below) Amplifier gain selectable (Sensitivity) O.7 (1.0 / 1.3 4 volt Level adjustment (per ch) Front-pare 14Hz and below) Digital Signal Processor 4 In /4 Out	Output Circuitry	Class D - fu						
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Pront-panel published Pro		,						
Pront-panel pulsationeter Pront-panel pulsationeter	Amplifier gain selectable (Sensitiv	ty) 0.7 / 1.0 / 1	0.7 / 1.0 / 1.44 Volt					
Digital Signal Processor 4 In / Out 4 In / O	<u> </u>							
In Out Out								
DSP 32 bit / 962 bit DSP Control USB Freet 20 Input AB,CD 10 Band, PEQ / LS6 / LS12 / HS6 / HS12 / APF Volume 608 to 5 bit Delay 01 4 9 start St		4 In / 4 Out	4 In / 4 Out					
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Preset								
The part A,B,C,D								
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Volume	•	10 Band Pi	10 Rand DEO / LS6 / LS12 / HS6 / HS 12 / ADE					
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Output 1,2,3,4 Equalizer 10 Band, PEQ/LS6 / LS12 / HS6 / HS 12 / APF / APF-1 Delay 0 to 9.99ms Limiter - 19dB to 0dB Crossover HPF / LPF Input Link A, B, C, D Output Link 1, 2, 3, 4 Connectors (per ch) 3-pin XLR, electronically balanced Output connectors (per ch) 3-pin XLR, electronically balanced Amplifier Output 4 Pin Speak 1: +1-1 CH-1, +2-2 CH-2 & 4 Pin Speakon 2: +1-1 CH-3, +2-2 CH-4 Mode M-500D, M-800D Stereo / Parallel / Bridge Power on/off M-1250D, M-2500D Stereo / Parallel / Bridge Fooling Fans, front-panel switch Cooling Fans, front-panel switch Cooling Fans, front-panel switch Port annel 0dB / Signal / Limit / Protect Parallel 1 & 2, 3 & 4 Cannels Safety Input limiter-short circuit protection, power stage overload protection, power stage overload protection, intelligent mains fuse protection, power stage overload protection in temperature trouter (in protection protection prote								
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	Size 2U							
	Net Weight 9.30	kg	9.60 kg	13.80 kg	14.30 kg			
Gross Weight 10.80 kg 11.10 kg 15.70 kg 16.20 kg	Gross Weight 10.8) kg	11.10 kg	15.70 kg	16.20 kg			