TYPE. PM8000

Physical Specification

The TYPE. PM8000 high-power, four channel, professional power module incorporates everything one has come to expect from TPI. Exemplary build quality, unique circuit design, premium mil-spec components and first class sound.

It's weight-optimised, rugged 2U chassis holds a cool-running high-power class d platform, which delivers superb sound quality, power and efficiency. A perfect partner for all professional, high output applications.

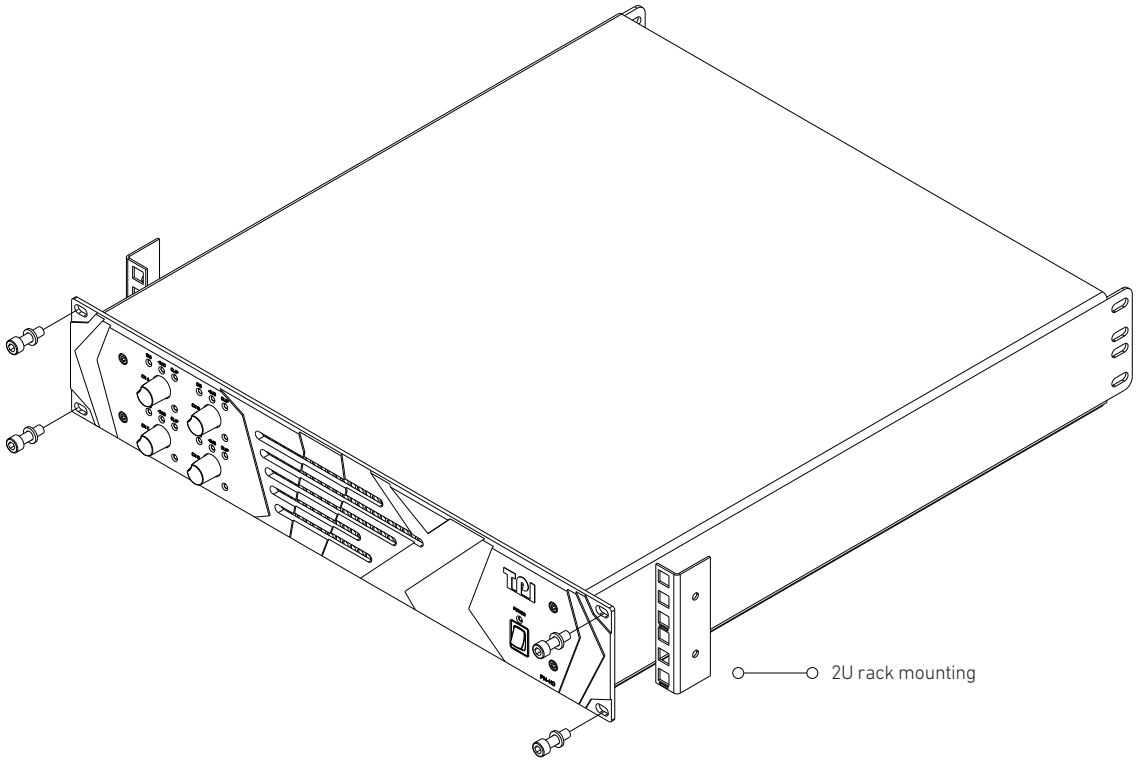
Every TPI amplifier is measured and certified to ensure it meets with our stringent technical criteria.

Every TPI product is designed and assembled at our workshops in England to military specifications, thus ensuring a lifetime of unparalleled performance and reliability.

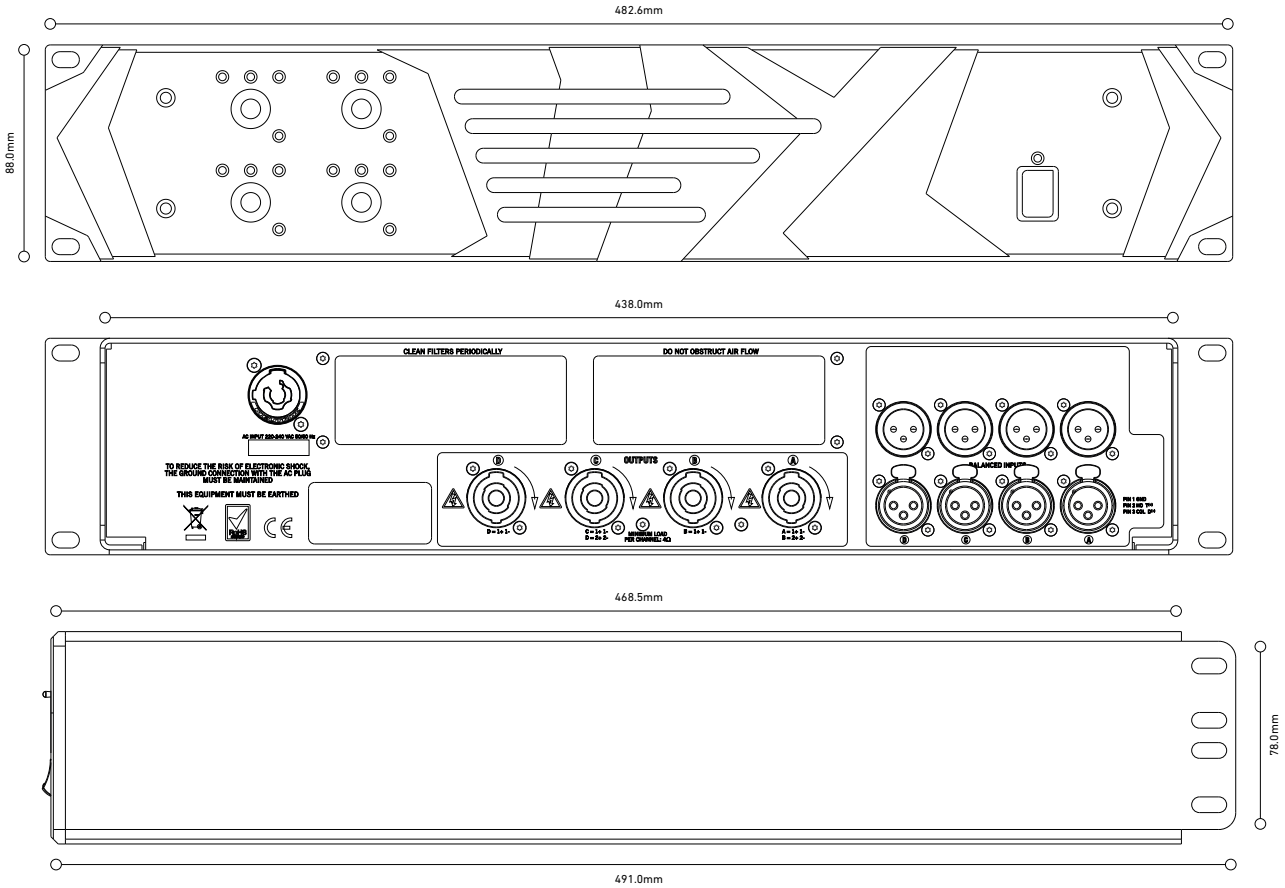
Power Rating 20Hz-20KHz	4 x 2000W @ 4Ω, 4 x 1000W @ 8Ω 2 x 2000W @ 8Ω Bridged
Gain	32dB
T.H.D	Typical 0.09 4Ω 1kHz THD+N
Controls	40 point potentiometer per channel, power on switch
Indicators	Signal Green = -20dB, Signal Yellow = -3dB
	Signal Red = Clip, Signal Red Protect = Over Current
	Low AC Mains or 3 Sec. Mute on power up
Load Protection	DC on output, side chain TCA clip limiter circuit
Amplifier Protection	Short circuit, current overload, thermal shutdown high frequency stability circuit
Audio Signal Inputs	Balanced Neutrik female XLR input connected
	Pin 1 -GND, Pin 2 -Hot+, Pin 3 - Cold-
	XLR male signal throughput each channel
Audio Signal Outputs	Neutrik speakon each channel
	Channels 1 & 3 output speakon utilises 2+ & 2-
	Connection to allow use of 4 core loudspeaker cable for bi amp loudspeaker system e.g stage monitor system
Power Requirement	1 x Neutrik 20A Powercon connector & 1 x 16A 230 VAC circuit
	Power range 220 VAC-240 VAC or 120 VAC (configured at factory)
System Cooling	High CFM 80mm fan with proportional signal speed control. Rear to front airflow
Dimensions (HxWxD)	88mm x 482.6mm x 491mm (3.46" x 19.00" x 19.33")
Weight	10kg (22.04lbs)
Optional Accessories	Full DSP control card with TPI Wand iPad Control
	Class A analog crossover card
	3U/5U tour racks

TYPE. PM8000

Mounting Options



Measurements



TYPE. PM8000

Thermal and Current Information

Description	I/P Signal	Output Load (Ω)	Output Power (W)	Supply Voltage (AC RMS)	Supply Current (A)	Supply Power (W)	Efficiency (%)	Heat Output (W)	Heat Output
UUT plugged in and not switched on				241	0.112	3.84			
UUT plugged in and switched on, min volume (no load)				240	1.224	183.4			
UUT plugged in and switched on, max volume (no load)				241	1.212	180.3			
I/P Ch 1 O/P Ch 1 1kHz sine wave, max volume	1kHz 8.0 dBu	4	1543	235.5	10.76	1896	81.38	353	1204.44
I/P Ch 2 O/P Ch 2 1kHz sine wave, max volume	1kHz 8.0 dBu	4	1500	235.5	10.51	1851	81.04	351	1197.61
I/P Ch 3 O/P Ch 3 1kHz sine wave, max volume	1kHz 8.0 dBu	4	1515	234.5	10.62	1865	81.23	350	1194.2
I/P Ch 4 O/P Ch 4 1kHz sine wave, max volume	1kHz 8.0 dBu	4	1505	234.5	10.49	1843	81.66	338	1153.26
I/P Ch 1-4 O/P Ch 1-4 1kHz sine wave, max volume	1kHz 2.1 dBu	4	1572	235.5	10.6	1865	84.29	293	999.72
I/P Ch 1-4 O/P Ch 1-4 1kHz sine wave, 1/8 max power	1kHz 0.0 dBu	4	971	233.5	7.12	1199	80.98	228	777.94
I/P Ch 1-4 O/P Ch 1-4 Pink Noise, 1/8 max power	Pink Noise -2.0dBu	4	656	238	5.06	845.4	77.6	189.4	646.23

Measurements made using Phase 1 of workshop 3 phase supply. Nominal supply 242V 50Hz

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