

TYPE. PM2000



Physical Specification

The TYPE. PM2000, 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 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.

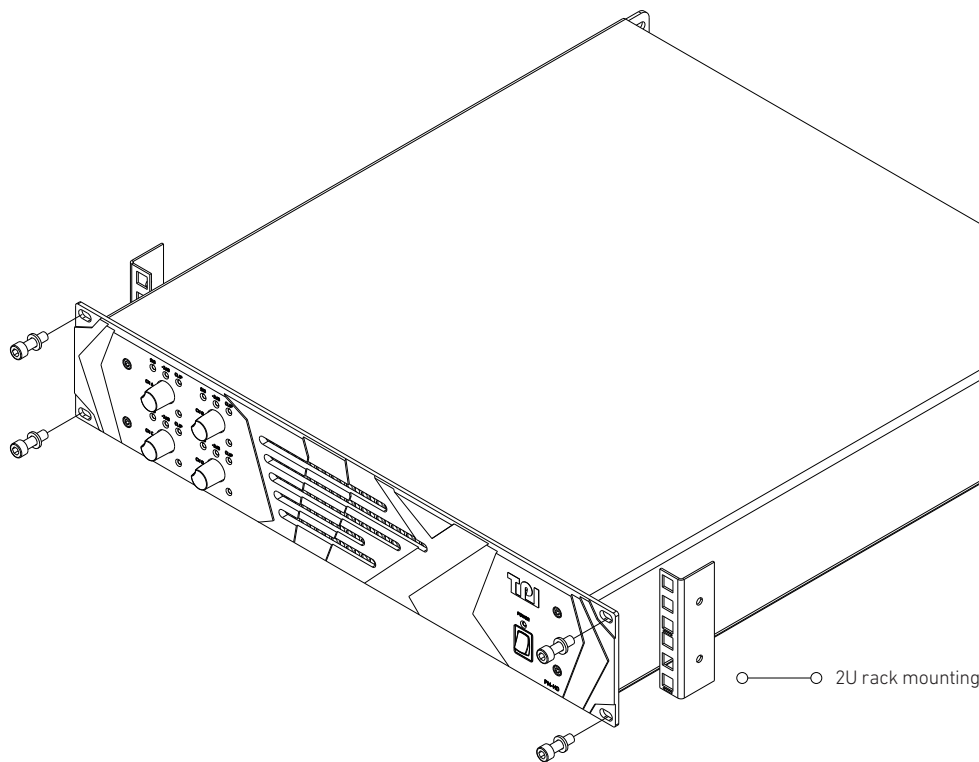


Power Rating 20Hz-20KHz	4 x 500W @ 4Ω, 4 x 250W @ 8Ω 2 x 1000W @ 8Ω Bridged
Gain	32dB
T.H.D	Typical 0.09 4Ω 1kHz THD+N
Controls	40 point potentiometer per channel, power on switch
Indicators	Signal Green = -20dB, Signal Yellow = -3dB Signal Red = Clip, Signal Red Protect = Over Current Low AC Mains or 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

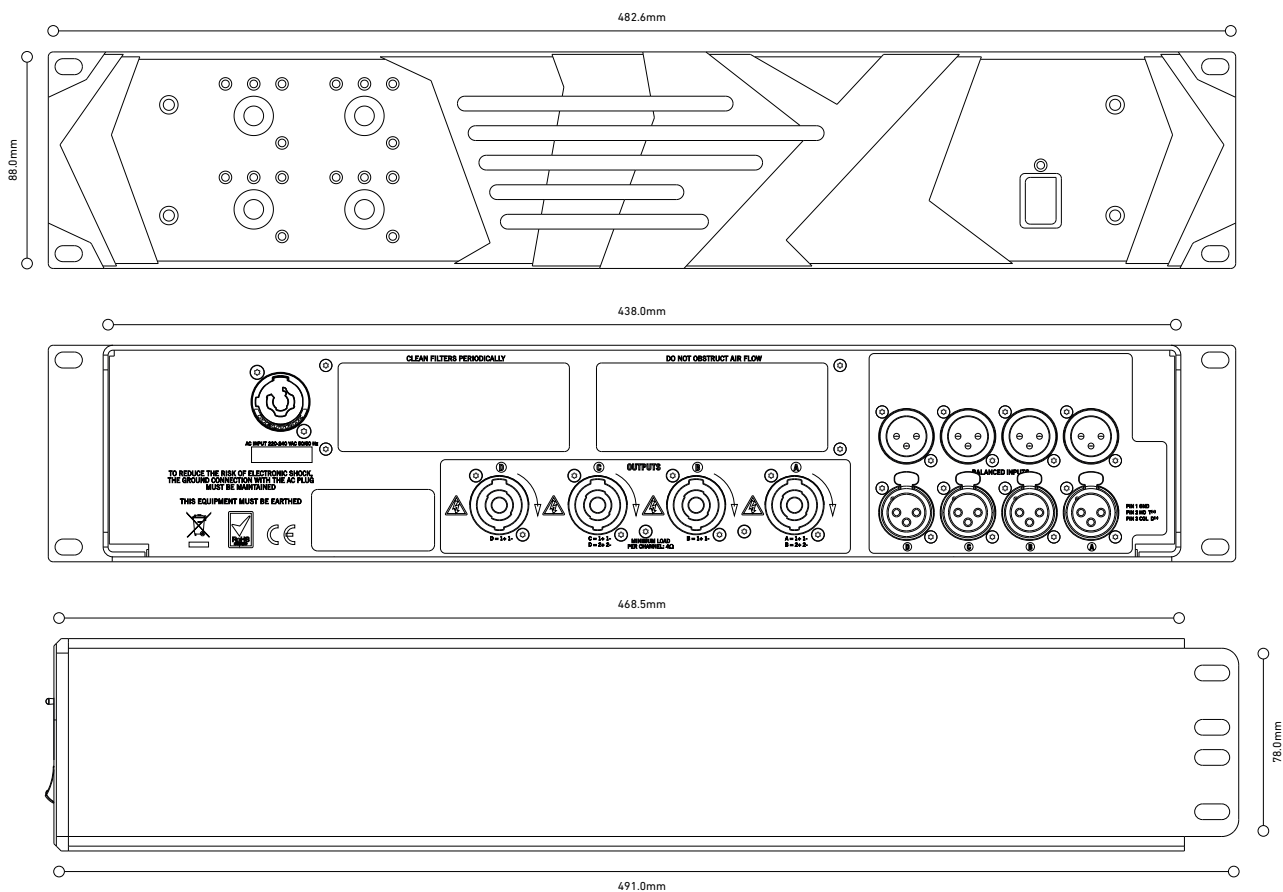
TYPE. PM2000



Mounting Options



Measurements



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				242	0.112	4.25			
UUT plugged in and switched on, min volume (no load)				242	0.525	73.89			
UUT plugged in and switched on, max volume (no load)				242	0.512	73.87			
I/P Ch 1 O/P Ch 1 1kHz sine wave, max volume	1kHz 3.0 dBu	4	479	240	3.686	625.3	76.603	146.3	499.1756
I/P Ch 2 O/P Ch 2 1kHz sine wave, max volume	1kHz 3.0 dBu	4	481	240	3.666	621.5	77.393	140.5	479.386
I/P Ch 3 O/P Ch 3 1kHz sine wave, max volume	1kHz 3.0 dBu	4	477	240	3.656	621.8	76.713	144.8	494.0576
I/P Ch 4 O/P Ch 4 1kHz sine wave, max volume	1kHz 3.0 dBu	4	480	241	3.641	621.4	77.245	141.4	482.4568
I/P Ch 1-4 O/P Ch 1-4 1kHz sine wave, max volume	1kHz 2.0 dBu	4	1516	236	10.322	1825	83.068	309	1054.308
I/P Ch 1-4 O/P Ch 1-4 1kHz sine wave, 1/8 max power	1kHz -5.8 dBu	4	252	239	2.329	388.9	64.798	136.9	467.1028
I/P Ch 1-4 O/P Ch 1-4 Pink Noise, 1/8 max power	Pink Noise -4.0dBu	4	256	239	2.354	372.3	68.762	116.3	396.8156

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