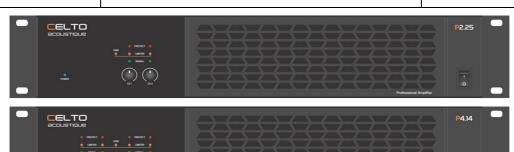


## **PERFORMANCE Series Specifications**



MODEL	P2.14	P2.25	P4.14
Max output Power EIA 1kHz 1% THD	2x 800W 8 ohms	2x 1300W 8 ohms	4x 800W 8 ohms
(EIA = 33ms ON / 66ms OFF)	2x 1400W 4 ohms	2x 2500W 4 ohms	4x 1400W 4 ohms
	2x 800W 2 ohms (not recommended)	2x 1200W 2 ohms (not recommended)	4x 1400W 2 ohms
	1x 2800W 8 ohms (Bridge)	1x 5000W 8 ohms (Bridge)	2x 2800W 8 ohms (Bridge)
	1x 1600W 4 ohms (Bridge)	1x 2400W 4 ohms (Bridge)	2x 2800W 4 ohms (Bridge)
Overall gain	34dB (50 times voltage)		
Sensitivity at 8 ohms	1.6Vrms (+6.3dBu)	1.8Vrms (+8.4Bu)	1.6Vrms (+6.3dBu)
Signal to Noise Ratio (A weighted, 0dB)	110dB		
Frequency Response (-1dB)	10~25000Hz		
Typical THD (half power, 1kHz, 8 ohms)	<0.05%		
Typical IMD (1kHz at 4:1, -20dB)	<0.2%		
Crosstalk (1kHz)	>70dB		
Slew Rate	>15V/us	>20V/us	>30V/us
Input Impedance	20 k		
Damping factor (1kHz, 8 ohms)	>800		
Protections	Soft-Start, Short-Circuit, Over and Under-Voltage, Over-Current,		
	Over-Load, DC Output, Temperature, SOM (Smart Overhead Management)		
Operating Voltage	190~260VAC 50-60Hz		
Preamp	Propri	etary PureSound Circuit for unmatched sound	quality
Freamp	(Audiophile capacitors in signal path, High Voltage Opamps, Ultra Low Noise design)		
	Studio grade TrueRMS VCA limiter		
	Continuous protection, RF protection, Overload protection		
Power Supply (PSU)	Advanced Linear topology with tracking current		
	105C long life SuperCharged Capacitors		
Output stage	Fully Discrete 4th generation proprietary Class D (93% efficiency at full power)		
	Half bridge design with high-Speed high-Current MOSFETs		
	105C Long Life capacitors		
Cooling	Front to back airflow		
	Temperature regulated SUNON MagLev fans (50000 Hours, dustproof)		
	FEA optimized Radial heat-sink for maximum heat transfer		
Rear Panel	2 NEUTRIK XLR	Input with latch	4 NEUTRIK XLR Input with latch
	2 NEUTRIK XLR Link		4 NEUTRIK XLR Link
	2 NEUTRIK Speakon NL4		4 NEUTRIK Speakon NL4
	Stereo / Parallel / Bridge switch		Stereo / Parallel / Bridge switch (2pcs)
	Power cable directly soldered		Power cable directly soldered
	(3x1.5mm with molded plug)		(3x1.5mm with molded plug)
Speakon Wiring	SPK1 = 1+1- CH A / 2+2- CH B		SPK1 = 1+1- CH A / 2+2- CH B
	SPK2 = 1+1- CH B / 2+2- Not Used		SPK2 = 1+1- CH B / 2+2- Not Used
			SPK3 = 1+1- CH C / 2+2- CH D
	SPK4 = 1+1- CH D / 2+2- Not Used		
	19" 2U height, 388mm total depth		
Chassis		19 20 Height, Soomin total depth	

P2.14 and P2.25 Rear panel

P4.14 Rear panel

