



MODEL	P2.14	P2.25	P4.14
Max output Power EIA 1kHz 1% THD (EIA = 33ms ON / 66ms OFF)	2x 800W 8 ohms 2x 1400W 4 ohms 2x 800W 2 ohms (not recommended) 1x 2800W 8 ohms (Bridge) 1x 1600W 4 ohms (Bridge)	2x 1300W 8 ohms 2x 2500W 4 ohms 2x 1200W 2 ohms (not recommended) 1x 5000W 8 ohms (Bridge) 1x 2400W 4 ohms (Bridge)	4x 800W 8 ohms 4x 1400W 4 ohms 4x 1400W 2 ohms 2x 2800W 8 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	Proprietary PureSound Circuit for unmatched sound quality (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 2 NEUTRIK XLR Link 2 NEUTRIK Speakon NL4 Stereo / Parallel / Bridge switch Power cable directly soldered (3x1.5mm with molded plug)		4 NEUTRIK XLR Input with latch 4 NEUTRIK XLR Link 4 NEUTRIK Speakon NL4 Stereo / Parallel / Bridge switch (2pcs) Power cable directly soldered (3x1.5mm with molded plug)
Speakon Wiring	SPK1 = 1+1- CH A / 2+2- CH B SPK2 = 1+1- CH B / 2+2- Not Used		SPK1 = 1+1- CH A / 2+2- CH B 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
Chassis	19" 2U height, 388mm total depth		
Weight Net / Gross	15kg / 17.5kg	18kg / 19.5kg	19kg / 21kg

P2.14 and P2.25
Rear panel



P4.14
Rear panel

