

Appendix A - Amplifier Specifications

Specifications		PRO4.0	PRO6.0	PRO7.0	PRO9.0	PRO12.0
Maximum Output Power	4Ω bridge	5600W	7700W	9800W	13650W	14000W
	8Ω bridge	4200W	5950W	7700W	10500W	12600W
	2Ω stereo	2×2800W	2×3850W	2×4900W	2×6825W	2×7000W
	4Ω stereo	2×2100W	2×2975W	2×3850W	2×5250W	2×6300W
	8Ω stereo	2×1400W	2×1960W	2×2450W	2×3500W	2×4200W
Rated Power (20Hz-20KHz, <0.1%THD)	4Ω bridge	1600W	2200W	2800W	3900W	4900W
	8Ω bridge	1200W	1700W	2200W	3000W	3800W
	2Ω stereo	2×800W	2×1100W	2×1400W	2×1950W	2×2000W
	4Ω stereo	2×600W	2×850W	2×1100W	2×1500W	2×1800W
	8Ω stereo	2×400W	2×560W	2×700W	2×1000W	2×1200W
A-Guard Protection System	DC protection	✓				
	Short circuit protection	✓				
	Smart overheat management	✓				
	Overheat protection	✓				
	Input overload protection	✓				
	Output overload protection	✓				
	Soft startup protection	✓				
Limiter protection	Up to 9V					
Frequency Response(1W 8Ω)		20Hz-20KHz(±0.5dB)				
Sensitivity		0.775V / 32dB / 26dB		0.775V / 36dB / 32dB		
Connectors	Input	Neutrik®male XLR&female XLR				
	Output	3×Neutrik®Speakon NLT 4MP				
Filter Capacitor Capacity		10000µf / 50V×8	10000µf / 63V×8	12000µf / 80V×8	15000µf / 100V×12	
Input Impedance	Balanced	20KΩ				
	Unbalanced	10KΩ				
Crosstalk(20Hz-20KHz, Rated power 8Ω)		≥65dB				
S/N Ratio (Rated power 8Ω, A weighted)		108dB				
Damping Factor(1KHz&8Ω)		≥500			≥650	
Intermodulation Distortion(20Hz-20KHz, half power)		≤0.05%				
Total Harmonic Distortion(20Hz-20KHz, half power)		≤0.05%				
Phase Response(1W&8Ω, 20Hz-20KHz)		20Hz+4° 20KHz-12°				
Slew Rate		≥45V/µs				
Output Circuitry		CLASS H+				
Power Consumption(Dual channel driven 4Ω, 1/8RMS/230V)		1.8A	2.4A	3.4A	4.6A	5A
Rack Space		2U			3U	
Cooling		Back to front venting, mandatory cooling				
Dimensions(W×H×D)		483×88×456mm			483×132×484mm	
Net Weight		18.0Kg	21.0Kg	22.5Kg	34.0Kg	36.0kg
Technical Support and After-sales Service		Global application support team				