



Appendix A - Amplifier Specifications

Specifications		DA2.2	DA6.2	DA7.2	DA12.2
Maximum Output Power	4Ω bridge	5950W	8750W	11900W	18900W
	8Ω bridge	3990W	5880W	8400W	12600W
	2Ω stereo	2 x 2975W	2×4375W	2×5950W	2×8750W
	4Ω stereo	2 x 1960W	2×2940W	2×4200W	2×6300W
	8Ω stereo	2 x 1330W	2×1960W	2×2625W	2×4200W
Rated Power (20Hz-20KHz, <0.1%THD)	4Ω bridge	1700W	2500W	3400W	5400W
	8Ω bridge	1140W	1680W	2400W	3600W
	2Ω stereo	2 x 850W	2×1250W	2×1700W	2×2500W
	4Ω stereo	2 x560W	2×840W	2×1200W	2×1800W
	8Ω stereo	2 x380W	2×560W	2×750W	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 stereo)		20Hz-20KHz(±0.3dB)			
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			≥72dB
S/N Ratio (Rated power 8Ω, A weighted)		≥108dB			≥110dB
Damping Factor(1KHz&8Ω)		≥1000			≥2000
Intermodulation Distortion(20Hz-20KHz, half power)		≤0.02%			
Total Harmonic Distortion(20Hz-20KHz, half power)		≤0.02%			
Phase Response(1W&8Ω,20Hz-20KHz)		20Hz+4° 20KHz-8°			
Slew Rate		≥60V/μs			
Output Circuitry		CLASS H+			
Power Consumption(Dual channel driven 4Ω,1/8RMS/230V)		1.8A	2.4A	3.4A	5.3A
Rack Space		2U			3U
Cooling		Back to front venting, mandatory cooling			
Dimensions(W×H×D)		483×88×456mm			483×132×506mm
Net Weight		20.0Kg	23.0Kg	25.0Kg	39.0Kg
Technical Support and After-sales Service		Global application support team			