



Appendix A - Amplifier Specifications

Specifications		MVP4000	MVP6000	MVP8000
Maximum Output Power	4Ω bridge	5600W	7700W	11200W
	8Ω bridge	4200W	5950W	8400W
	2Ω stereo	2×2800W	2×3850W	2×5600W
	4Ω stereo	2×2100W	2×2975W	2×4200W
	8Ω stereo	2×1400W	2×1960W	2×2800W
Rated Power (20Hz-20KHz, <0.1%THD)	4Ω bridge	1600W	2200W	3200W
	8Ω bridge	1200W	1700W	2400W
	2Ω stereo	2×800W	2×1100W	2×1600W
	4Ω stereo	2×600W	2×850W	2×1200W
	8Ω stereo	2×400W	2×560W	2×800W
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(±0.5dB)		
Sensitivity		0.775V / 32dB / 26dB	0.775V / 36dB / 32dB	
Connectors	Input	Neutrik® male XLR & female XLR		
	Output	2×Neutrik® Speakon NLT 4MP		
Filter Capacitor Capacity		2200μf/200V×4		2200μf/200V×6
Input Impedance	Balanced	20KΩ		
	Unbalanced	10KΩ		
Crosstalk(20Hz-20KHz, Rated power 8Ω)		>60dB		
S/N Ratio (Rated power 8Ω, A weighted)		≥108dB		
Damping Factor(1KHz&8Ω)		>500		
Intermodulation Distortion(20Hz-20KHz, half power)		≤0.05%		
Total Harmonic Distortion(20Hz-20KHz, Rated power 8Ω)		≤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	3.3A
Rack Space		2U		
Cooling		Back to front venting, mandatory cooling		
Dimensions(W×H×D)		483×88×456mm		
Net Weight		14.0Kg		14.5Kg
Technical Support and After-sales Service		Global application support team		