

Appendix A - Amplifier Specifications

	SW1000	SW1500	SW2000
1kHz, 0.1% THD+N			
8Ω Stereo RMS Power	2X350W	2X700W	2X1000W
4Ω Stereo RMS Power	2X500W	2X1100W	2X1600W
2Ω Stereo RMS Power	2X550W	2X1400W	2X1950W
8Ω bridge RMS Power	1000W	2100W	3000W
4Ω bridge RMS Power	1100W	2800W	3900W
Crossover	Low pass	20Hz-120Hz -6dB	
	Low cut	120Hz-20Hz -6dB	
Frequency Response (+0 / -0.3dB, 1W/8Ω)	20Hz-20Hz (+/-1dB)		
Power Bandwidth (rated power at 4Ω, 1%THD+N)	20Hz-20Hz, +/-84dB/+0dB		
TourClass Protection	DC protect, Short circuit protect, High temperature protect, Current inrush protect, Input over load protect, Soft startup protect		
THD+N (rated power, 4Ω/1kHz)	<0.5%		
SMPTE IMD (rated power, 8Ω, 50 Hz & 7kHz)	<0.5%		
Damping Factor (10-400Hz at 8Ω)	≥ 300	≥ 600	
Input CMRR (1kHz)	> - 60 dB		
Standard Input Sensitivity (rated power at 8Ω)	1V		
Input Impedance (balanced/unbalanced)	20kΩ/10kΩ		
Hum and Noise ("A" weighted, -80 dBW)	95dB		
Crosstalk ("A" weighted, full power at 4Ω)	> - 60dB		
Class	AB		H
Input Connectors (per channel)	Female XLR (pin 2+, configurable for pin 3+), TRS (tip+)		Male&Female XLR (pin 2+, configurable for pin 3+), TRS (tip+)
Output Connectors (per channel)	2-way binding posts or Speakon connectors		
Power Supply (factory configured)	120V/60Hz		
Idle Current Draw (220V)	0.2A	0.2A	0.2A
1/8 Power Curr. Draw (typical music cond., 220V/4Ω)	4.3A	5.25A	5.8A
1/3 Power Curr. Draw (cont. music cond., 220V/4Ω)	8.0A	11.5A	12.0A
Max Curr. Draw (continuous music cond., 220V/4Ω)	10.5A	15.0A	20A
Thermal Emissions (1/8 Power, 4Ω)	3250BTU/hr	4750BTU/hr	6525BTU/hr
Thermal Emissions (1/3 Power, 4Ω)	4341BTU/hr	6300BTU/hr	8750BTU/hr
Cooling	Two- speed DC fan, air flow from front to rear		
Controls	Front panel: 2 attenuators, power switch; Rear panel; signal ground lift & mode switches.		
LED Indicators (per channel)	Limiter, Signal, Protect, Power		
Construction	Steel chassis, 16 gauge. Double thickness in rack ear areas.		
Dimensions (Height x Width x Depth to rear rack ears)	88x482x397mm	88x482x462mm	132x482x489mm
Gross Weight	19kgs	27kgs	36kgs
Net Weight	15kgs	23kgs	32kgs
Warranty	3 years*		