

SAM 500S V.3

PDC POWER SUPPLY / 500 W BASH AUDIO POWER AMPLIFIER

BASIC ELECTRICAL SPECIFICATIONS

PARAMETER	RATING	NOTES
Output Power		Measured @ THD + N = 1%, 22 to 22 kHz Measurement Bandwidth, 40 Hz Sinusoidal drive, Line voltage = 120 V
Into 4 Ω	500 Watts	Resistive loading
THD + N	< 0.5 %	Measured @ output = 500 Watts / 4 Ω , 22 to 22 kHz Measurement Bandwidth, 40 Hz Sinusoidal drive, Line voltage = 120 V
Damping Factor	> 500	Referred to 4 ohms @ 40 Hz
Signal to Noise Ratio		22 to 22 kHz Measurement Bandwidth, Relative to 500 W / 4 Ω
Unweighted	81 dB	Vol. and Freq. controls set at maximum
A - weighted	105 dB	“ “
Input Configuration / Impedance		
Line Level	20 k Ω	Left and Right RCA connectors, Dedicated LFE connector
Spkr. / High Level	220 Ω	Left and Right 5-way binding post
Gain		
Line level	60 dB	With one input driven, & x-over freq. @ max. Gain maximum at 29 Hz
Panel Controls		
Phase Switch	0 and 180 degrees	Panel mounted toggle switch
Auto-On / Standby Switch	On/Auto/Standby	Panel mounted toggle switch
Frequency	50 to 150 Hz	Variable low pass crossover frequency
Volume	Min. to Max.	Variable gain, - ∞ to maximum
AC Power Requirements		
Line Voltage	120 V / 60 Hz	Output power rating reduced below 120 V
Standby Input Power	18 VA	Nominal line (120 V)