

SA-4200 SPECIFICATIONS

SPECIFICATION	LOW Z MODE	70 VOLT MODE
Rated Power (all channels driven)		
<u>Dual-Dual Mono & Parallel Modes</u>		
4 Ohms	200 Watts	–
8 Ohms	130 Watts	–
70 Volts	–	200 Watts
Minimum Load Impedance	4 Ohms	25 Ohms
<u>Bridged Mode (Ch A & B)</u>		
8 Ohms	400 Watts	–
16 Ohms	260 Watts	–
140 Volts	–	400 Watts
Minimum Load Impedance	8 Ohms	50 Ohms
Frequency Response		
+0, -1dB @ 1Watt	<10Hz – 35kHz	80Hz – 30kHz
+0, -3dB @ full power	18Hz – 30kHz	60Hz – 15kHz with 60Hz Low-Cut engaged
THD		
at rated power, 1kHz	<0.05%	<0.05%
IMD (SMPTE)		
	<0.10%	<0.10%
Damping Factor		
	>140 (8 Ohms)	>400
Input CMRR		
	-60 dB typ	-60 dB typ
Voltage Gain		
	×20 (26dB) typ	×50 (34dB) typ
Input Sensitivity		
	1.42V (4 Ohms) 1.62V (8 Ohms)	1.42V
Input Impedance		
	20K Ohms balanced 10K Ohms unbalanced	20K Ohms balanced 10K Ohms unbalanced
Noise and Hum below rated output		
delay channels (C & D) bypassed; 22Hz–22kHz BW	-95 dB	-95 dB
C & D delay active A-weighted	-88 dB	-88dB
Current Consumption Multiply currents by 0.5 for 230V units.		
Rated power	15.5 A (4 Ohms) 10.2 A (8 Ohms)	13.7 A
1/3 rated power	9.8 A (4 Ohms) 6.4 A (8 Ohms)	8.7 A
1/8 rated power	6.6 A (4 Ohms) 4.2 A (8 Ohms)	5.9 A
Idle	0.5 A	0.9 A
Thermal Emission		
1/3 power	3110 BTU/hr (4 Ohms) 2035 BTU/hr (8 Ohms)	2655 BTU/hr
1/8 power	2365 BTU/hr (4 Ohms) 1500 BTU/hr (8 Ohms)	2080 BTU/hr

Controls

Front: 4 channel input signal attenuators, AC switch

Rear: 2 output mode switches; Ch A & B bridge switch; HPF switches;
AUTODELAY™ bypass switches; AUTODELAY setup switches

Indicator LEDs

Front: 4 Clip, 4 Signal, 1 Power

Rear: AUTODELAY setup

Protection

Over-Temperature, DC, turn on/off transients, subsonic, incorrect load, short-circuit

Connectors

Input: Four female XLRs - LINE INPUTS

One female XLR - TEST MICROPHONE

Output: Two 4-position barrier strips - SPEAKER OUTPUTS

One male XLR - REFERENCE OUTPUT

Construction

16 gauge steel reinforced with 12 gauge rack ears

Dimensions

Height: 3.50" (8.84 cm) 2 EIA rack spaces

Width, front: 19.00" (48.26 cm)

Width, rear: 17.00" (43.18 cm)

Overall depth: 17.05" (43.31 cm)

Mounting depth: 16.63" (42.24 cm) behind front rack ears

Weight

40 lbs (18.1 kg)

Power Requirements

100, 120, 230-240 Vac, 50-60 Hz

1200 Watts

Test Conditions

120Vac, 60Hz line input voltage maintained

All channels operating unless otherwise noted

Due to our efforts for constant improvements, features and specifications listed herein are subject to change without notice.