

SX SERIES



The SX range are rugged yet light weight amplifiers capable of producing quality sound at all power levels. There are three models in the range, all occupy only 2 rack spaces and are forced cooled via a thermally controlled fan.

There are 3 modes of operation available stereo, mono or bridged and the input sensitivity can be trimmed by +/-3dB for system matching. The inputs use combined XLR and jack socket combination connectors with a separate link socket to feed additional amplifiers. The outputs use industry standard four pole connectors with binding posts giving total flexibility. Front panel status LEDs provide visual indication of signal levels (SIG, -20, -10 and PEAK), BRIDGED mode and POWER.

The two large level controls aid precise volume setting and the durable black finished steel cabinet can handle life on the road. With the highest powered model (SX4500) weighing only 12.5kg the SX range price/performance/ratio is your only choice!

Features

- Light weight
- Up to 3400 Watts in 2 rack spaces
- High efficiency class H amplifier design



Status LEDs



Individual level controls



Stylish handles for easy racking



SX Rear Panel

SPECIFICATION

Output Power (RMS watts per channel)
 Both Ch. 8 ohms
 Both Ch. 4 ohms
 Both Ch. 2 ohms
 Bridged 8 ohms
 Bridged 4 ohms

Input Sensitivity
 Ref: Rated Power 4 ohms

Distortion (THD)
 1kHz @ rated pwr (1 channel driven)

Frequency Response
 Internal Hi pass filter set @ -3dB/30Hz

Signal to Noise Ratio (unweighted)
 Ref: Rated Power 4 ohms

Crosstalk @ 1kHz

Damping Factor
 Ref: 1kHz 8 ohms

Input Impedance

Voltage Gain

Cooling

Amplifier Protection

Load Protection

Output Circuit Type

Connection

Inputs

Outputs

Power Requirements

Power Consumption
 @ 230V AC 1/3 power pink noise
 (double the current rating for 120V models)

Size (W x H x D)

Weight
 Net
 Shipping

SX2500	SX3500	SX4500
500	600	1000
780	1000	1700
1100	1400	N/A
1560	2000	3400
2200	2800	N/A
Selectable: -3dBu / 0 dBu / +3dBu		
0.03%	0.03%	0.04%
30Hz-20kHz	30Hz-20kHz	30Hz-20kHz
100dB	100dB	100dB
70dB	70dB	70dB
150	150	150
10k Unbal 20k Bal	10k Unbal 20k Bal	10k Unbal 20k Bal
37dB	38dB	40dB
Continuously variable speed Twin Fans, back to front airflow		
Full short circuit, open circuit, thermal, ultrasonic and RF protection.		
Power up/down muting.		
H (2)	H (2)	H (3)
H(2) : Class AB complementary linear output with Class H 2-step high efficiency circuit		
H(3) : Class AB complementary linear output with Class H 3-step high efficiency circuit		
Combination XLR and Jack socket, Male XLR link socket		
4 pole industry standard sockets, and 4mm binding posts		
230V Model: 220-240V AC 50/60Hz		
120V Model: 110-127V AC 50/60Hz		
6.8A	7.8A	14A
483mm (19") x 89mm(3.5") x 400mm(15.8")		
(When racked each unit occupies 2U) (Depth = rack mounting to rear rack ears)		
10kg(22lb)	11kg(24.2lb)	12.5kg(27.5lb)
14kg(30.8lb)	15kg(33lb)	16.5kg(36.3lb)