



**Pro Audio
Germany**

SX-SERIES

www.4-acoustic.com



The new SX series! The new power engine of your sound system!

Reliable even under hard touring and stage conditions the SX Series will drive your speaker with pure sound and less distortions. Very low noise temperature-controlled fans make this state of art amplifier series suitable for touring and fixed installations. Powerful up to 4 x 3800 Watt or 2 x 6000 @ 2 Ohm the SX series offer enough power even for huge subwoofer cluster. The digital controlled SMPS power supply offers stable working conditions and high efficiency even under weak or unstable mains supplies. Compact and with a depth of 402 mm the 1U high case weighs only 8,4 Kg. All connectors are original Neutrik. Powercon for the mains connection, NL4 Speakon for the speaker outputs and XLR for the input signals. At the backside are dip switches to select the working mode and input sensitivity. The front panel is equipped with a power switch and multi-function LED displays.

SX-25000 GS1 (EAN) CODE: 4260318511858

SX-44000 GS1 (EAN) CODE: 4260318512022

SX-46000 GS1 (EAN) CODE: 4260318511865



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- High stability Class D amplifier
- Damping Factor >5000
- Signal to Noise ratio >99dB
- 1U high 19" Rack-Housing
- Only 8,4 kg
- Original Neutrik Sockets



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Engineering

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Model Name	SX-25000	SX-44000	SX-46000
GS1 (EAN) CODE	4260318511858	4260318512022	4260318511865
System Type	2-Channel Class D	4-Channel Class D	4-Channel Class D
Output Power all channels driven 20Hz - 20 kHz, 0.1 % THD	2 x 6000W @ 20hm 2 x 4300W @ 40hm 2 x 2600W @ 80hm	4 x 2700W @ 20hm 4 x 1830W @ 40hm 4 x 1100W @ 80hm	4 x 3800W @ 20hm 4 x 2700W @ 40hm 4 x 1600W @ 80hm
Output Power Bridge mode	-	2 x 5000W @ 40hm 2 x 3660W @ 80hm 2 x 2200W @160hm	2 x 7600W @ 40hm 2 x 5400W @ 80hm 2 x 3200W @160hm
THD+N	≤0.05% @ 8Ω 1kHz,1dB		
Slew Rate	>30v/μs		
Frequency Response	10Hz - 20KHz / ±0.35dB @1Watt, 80hm		
Damping Factor	>5000 @100Hz		
Signal to Noise Ratio	>99dB 20Hz -20 kHz		
Channel Separation Crosstalk@1kHz	>70dB		
Voltage Gain	45.4dB (0,775V:144V)	41.7dB (0,775V:94V)	43,3dB (0,775V:113V)
Input Sensitivity	selectable 0.775V/1V/1.4V/2V		
Input Impedance	20k Ohm Balanced, 10k Ohm Unbalanced		
Front Control	Power switch, Gain control		
Rear Control	Sensitivity Switch, Mode Switch		
LED Indicators	Signal VU Meter, Protect, Parallel, (Bridge SX-44000 and SX-46000)		
Input Connectors	XLR Active balanced (pin1 gnd / pin 2+ / pin3-)		
Output Connectors	4 Neutrik NL4 Sockets, (2xNL4 Sockets, 2xBinding Posts SX-25000)		
Cooling	Low Noise Continuously Variable speed fan		
Protection	Full short circuit, Open circuit, thermal, Ultrasonic, RF Protection. Stable Into reactive or Mismatched loads		
Load Protection	On/Off muting, DC fault power Supply shutdown		
Operating Voltage	230V (+/- 10%), 50-60Hz (USA Version 110V (+/- 10%), 50-60Hz)		
Fuse	T-30A	T-25A	T-30A
Idle Power Consumption	< 165W	< 130W	< 155W
Max. Power Consumption	< 5000W	< 4000W	< 6000W
Dimensions (h/w/d)	19"/1U 483W x 402D x 44H		
Net weight	8,4 kg	8,2 kg	8,4 kg





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