

SRx1D

1000W Power Amplifier
Mono Power Amplifier with crossover



Power Supply

Power supply voltage:	11 ÷ 15 VDC
Idling current:	3.0 A
Idling current when off:	0.02 mA
Consumption @ 14.4 VDC (Max Musical Power):	70 A

Amplifier stage

Distortion - THD (100 Hz @ 4Ω):	0.15 %
Bandwidth (-3 dB):	9 ÷ 500 Hz
S/N ratio (A weighted @ 1V):	88 dB
Damping factor (1 KHz @ 4Ω):	250
Pre-In sensitivity:	0.3 ÷ 5 V
Speaker-In sensitivity:	1 ÷ 15 V
Pre-In impedance:	15 kΩ
Speaker-In impedance:	100 Ω
Load impedance (MIN):	• 1 Ch 1 Ω

OUTPUT POWER (RMS) @ 14.4 VDC, THD 1%:	
• 1 Ch	600 W x 1 (4 Ω)
• 1 Ch	800 W x 1 (2 Ω)
• 1 Ch	1000 W x 1 (1 Ω)

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**OUTPUT Power (4Ω, ≤1% THD+N,
14.4 Volts):** 500 W x 1Ch

S/N ratio (ref. 1W output):
500 W Channels: 59dBA



Other functions

Remote In:	7 ÷ 15 VDC (1 mA)
Remote Out :	12 VDC (15 mA)
Fuse (AFS):	60 A
Boost:	0 ÷ 9 dB @ 40 ÷ 90 Hz
Phase adjust:	0 ÷ 180°
REMOTE SUB VOLUME	
Adjustment:	-∞ ÷ +6 dB

Inputs/Outputs

Input	Pre / Speaker
Output	Pre

- PRE-OUT pass-through from high level SPEAKERS-IN input
- Fully by-passable crossover FILTERS
- Removable panel to conceal and protect controls and wiring
- Solid aluminium heatsink construction
- Fanless convection cooling system
- Power transistors fixed with spiral springs, providing a 50% increase in pressure
- Built in SUBWOOFER volume control module, requires only the connection of optional VCRA controller
- Electronic thermal control system rolls back output power in two levels (-1,5dB / 65°C; -3dB / 75°C)
- Fuse located on the control panel for easy replacement
- Connections:
 - Power supply terminal accepts 7 mm diameter (4 AWG) cable
 - Speaker terminal accepts 4.5 mm diameter (8 AWG) cables
 - Hi Level speaker and remote turn-on terminals equipped with removable connectors with screw fastening
- "D" class topology, delivering 600W at 4 ohms and 1000W power at 1 Ohm
- Ability to "bridge" with another SRx1D for increased power output
- "Amp Chain Mode" function to connect amplifiers together using only the first as the "master" for amplifier controls
- Continuously adjustable phase control
- Adjustable Subsonic Filter
- Frequency and level adjustable parametric equalizer

INPUT	OUT	AMP
L & R	L & R Bypass	Mix L + R
L	L Bypass	Mono
R	R Bypass	Mono

Config.	AMP	OUT
1		
2		

Filters

Input	Bypass / Lo-pass: 50 ÷ 220 Hz @ 24 dB/Oct.
Output	Bypass
Subsonic	OFF 20 ÷ 40 Hz @ 24 dB/Oct.

Size

BxLxH mm	216x370x56
BxLxH inches	8 ¹ / ₂ x 14 ⁹ / ₁₆ x 2 ¹ / ₄

Weight (kg/lb)	3,80 / 8.38
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