

SR 1Dk

1200W Power Amplifier
Mono power amplifier with crossover



ideato,
progettato,
ingegnerizzato
in Italia



Power Supply

Power supply voltage:	11÷15 VDC
Idling current:	2 A
Switched off:	< 0.01 mA
Remote IN voltage:	7÷15 VDC (1 mA)
Remote OUT voltage:	11÷15 VDC (15 mA)
Internal fuse (AFS):	80 A
Consumption @ 14.4 VDC, 1 Ω, Max Musical Power:	70 A

Amplifier stage

Distortion - THD (100 Hz @ 4 Ω):	0.3 %
Bandwidth (-3 dB):	18 ÷ 550 Hz
S/N ratio (A weighted, 1 V):	85 dB
Damping factor (100 Hz @ 4 Ω):	150
Input sensitivity (PRE IN):	0.3 ÷ 5 VRMS
Input sensitivity (Speaker In):	1 ÷ 15 VRMS
Input impedance (PRE IN):	15 kΩ
Input impedance (Speaker In):	100 Ω
Load impedance (Min):	
1 Ch	1 Ω

Nominal power (RMS) @12 VDC; 1% THD :	
1 Ch @ 4 Ω	420 W x 1
Output power (RMS) @14.4 VDC; 1% THD:	
1 Ch @ 4 Ω	600 W x 1
1 Ch @ 2 Ω	940 W x 1
1 Ch @ 1 Ω	1200 W x 1

CEA 2006-A RATINGS	
Output Power @ 4 Ω, ≤ 1% THD+N, 14.4 V:	
520 W x 1 Ch	
S/N ratio (ref.1 W output):	
520 W Channel: 56 dBA	

Inputs / Filters

Inputs	Pre IN / Speaker IN
Output	Pre OUT / MASTER / SLAVE
Filter LO-pass	ON/OFF 50 ÷ 220 Hz @ 24 dB/oct
Subsonic	OFF ÷ 40 Hz @ 24 dB/oct
Equalizer	0 ÷ +9 dB @ 40 ÷ 90 Hz
Phase	Continuous 0° ÷ 180°
Sub remote volume control	OFF ÷ +6dB

- PRE-OUT pass-through from high level SPEAKERS-IN input
- Fully by-passable crossover FILTERS
- Removable panel to hide and protect controls
- Monoblock aluminium heatsink construction
- Fanless convection cooling system
- Built-in SUBWOOFER volume control module, requires only the connection of optional VCRA controller
- Strip fuse located on the control panel for easy replacement
- Connections:
 - Power supply terminals accepts 7 mm diameter (4 AWG) cable
 - Speaker terminals 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 1200W power at 1 ohm
- Ability to "bridge" with another SR 1Dk for increased power output up 2400 W @ 2 ohms
- "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
- Adjustable LO-pass filter 24 dB

Amp Chain mode (Two Linked Amplifier)

Output Power (RMS) @ 14.4 VDC, 1% THD, 100 Hz	
4 Ω	1800 W
2 Ω	2400 W

Size

WxHxD (mm)	213 x 53.5 x 408
WxHxD (inches)	8 ⁷ / ₁₆ x 2 ¹ / ₈ x 16 ¹ / ₁₆
Weight (kg/lb)	3.6 / 7.94

AMP OUT L+R	AMP CHAIN MODE	PRE OUT STEREO
	OFF	
	MASTER	LINK TO II° AMP.
	SLAVE	LINK TO NEXT AMP.