

SR703

300 Watt Power Amplifier

SR707

700 Watt Power Amplifier

Series Features

- ▶ XLR and barrier strip input connectors
- ▶ Line-level XLR 'thru' output connectors
- ▶ Barrier strip output connections ideal for permanent installations
- ▶ Full short-circuit, temperature, and DC offset protection
- ▶ Automatic dual-speed, high-efficiency cooling fan
- ▶ Toroidal output transformers provide full electrical isolation and meet worldwide safety agency approval
- ▶ Stereo, Bridge, or Parallel operating modes selectable via rear-panel switch
- ▶ Wide range of protection circuitry and rumble/electrical filters for complete peace of mind
- ▶ Rack mountable design taking up 3 standard rack spaces in a 19" rack



Overview

The feature-packed SR series of power amplifiers are versatile, rugged, and time-tested. Operation is selectable between low-impedance, 70V and 100V, dependent on wiring. Input to the amplifiers is achieved via XLR and barrier strip inputs. Looking to expand your system? An XLR thru output is also available on each channel for line-level signals to additional amplifiers. You can output to passive speakers through barrier strip connections – perfect for permanent installations. The SR series includes numerous protection circuits as well as toroidal output transformers for full electrical isolation. All this combines to make the SR series ideal for fixed installations in moderate to large scale settings.

Specifications

	SR703	SR707
Direct Power Out		
Max. average power at 45Hz-20kHz. With 0.1% THD		
8 ohm	120 Watts	240 Watts
4 ohm	200 Watts	400 Watts
2 ohm	300 Watts	550 Watts
Bridged mono 8 ohm, 1kHz,1%THD	400 Watts	800 Watts
Bridged mono 4 ohm, 1kHz,1%THD	600 Watts	1100 Watts
Isolated Constant Voltage Out		
100V or 70V	150 Watts	350 Watts
25V	120 Watts	280 Watts
Frequency Response		
Direct Outputs (+0/-2dB)	50Hz - 50kHz	50Hz - 50kHz
Isolated Outputs (+0/-2dB)	50Hz - 16kHz	50Hz - 16kHz
Total Harmonic Distortion	<0.05	<0.05
Sensitivity (for full output)	1.02V	1.02V
Voltage Gain	28 dB	32 dB
Input Impedance		
Balanced/Unbalanced	20k/10k ohm	20k/10k ohm
Damping Factor	>200 (direct output)	>200 (direct output)
S/N Ratio	Less than 100dB below rated output (20Hz - 20kHz)	Less than 100dB below rated output (20Hz - 20kHz)
Protection Circuits	Output offset voltage protection, heat sink overheat protection, Transformer overheat protection, Load shorting protection, Power on/off protection	
Controls		
Front Panel	Power Switch	Power Switch
Rear Panel	Channel 1 & 2 gain controls (41 detents); Parallel/Stereo/Bridge switch	
Connectors		
Input	XLR jack x 2, Barrier Strip x 1	XLR jack x2, Barrier Strip x 1
Output	Covered Barrier Strip x 2	Covered Barrier Strip x 2
Cooling	One dual speed fan	One dual speed fan
Indicators	Clip: Red Signal: Green Protect: Yellow Power: Red	Clip: Red Signal: Green Protect: Yellow Power: Red
Dimensions (W×H×D)	480 x 132 x 428 mm (18.9" x 5.2" x 16.85")	480 x 132 x 428 mm (18.9" x 5.2" x 16.85")
Net Weight	20.7 Kg (45.7 lbs)	24.7 Kg (54.6 lbs)

