

SpeakerPower

SUBWOOFER AMPLIFIERS



SP1-300/700



SP1-1400



SP1-2400/4000/6000

SpeakerPower subwoofer amplifiers are uniquely designed for long term high power output at extremely low frequencies to meet the demands of synthesized bass and explosive special effects for cinema and music. High efficiency ensures cool running and reliability. State of the art power supply and class D amplifier technology deliver unsurpassed sonic performance and long-term reliability. Designed for full time 4 ohm operation, the high power output can be used to fully drive parallel woofers economically in large systems.

Features:

- Auto On with signal present
- 12V trigger
- Powerful DSP for manufacturer settings of limiters, equalization, high pass filter etc.
- 4 DSP programmable rotary controls for users. Typical functions assigned are; Volume, Low Frequency equalization, Crossover, Delay
- Full bridge outputs for no current pumping
- Power specified at low frequencies where you need it.
- State of the art modulation and feedback networks for low distortion and invariant frequency response with load.

Specifications

Country of manufacture: USA

Protection: Thermal, DC, turn-on bursts, subsonic, incorrect loads, clipping elimination

Indicators: Power (green), Standby (red)

Connectors: 2 x RCA summing, XLR input and looping output. IEC C18/C13 AC mains

Warranty: Three years parts and labor

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SpeakerPower

	SP1-300	SP1-700	SP2-1400	SP1-2400	SP1-4000	SP1-6000
Rated power 2 ohms 40Hz 1% THD+N					4000W	6000W
Rated power 4 ohms 40Hz	300W	700W	700W per ch both driven	2400W	2800W	4000W
Rated power 8 ohms 40Hz	150W	350W	350W per ch both driven	1250W	1250W	2000W
Maximum voltage no load	35VAC	53VAC	53VAC x 2			
AC Mains voltage	100-240VAC 50/60 Hz			100-120VAC 50/60 Hz		208-240VAC 50/60 Hz
Frequency response	5Hz-500Hz +/- 1.5dB					
Input CMRR	50dB at 60 Hz					
Voltage gain	45dB					
Hum and noise	-100dB A wtd ref full 8 ohm pwr					
Output impedance	< 0.01ohm 5Hz-1KHz					
Input sensitivity	316mV					
Input impedance	27K ohms unbalanced 50K ohms balanced					
1/8th output power AC draw	60	120	240	380	600	900
Standby power draw	0.5W	0.5W	0.5W	11W	11W	15W
Weight	2.5 lbs (1.2kg)	3 lbs (1.4kg)	5 lbs (2.3kg)	4 lbs (1.8kg)	5 lbs. (2.3kg)	6 lbs (2.7kg)
Dimensions	10.75 x 7.2 x 2 inches (273 x 183 x 51 mm) HxWxD		10.75 x 11.3 x 2 inches (273 x 287 x 51 mm)	7 x 15.7 x 2.7 inches (178 x 399 x 68 mm)		

