

SpeakerPower

PROFESSIONAL SUBWOOFER AMPLIFIERS



SpeakerPower rack mount amplifiers are uniquely designed for long term high power output at extremely low frequencies to meet the demands of synthesized bass in electronic dance music, crowd rousing reinforcement in sports stadiums, and explosive special effects for cinema and elsewhere. High efficiency ensures cool running and reliability even in adverse environments. State of the art power supply and class D amplifier technology deliver unsurpassed sonic performance and long-term reliability under extreme stress in touring or fixed installation applications. Designed for full time 2 ohm operation, the high power output can be used to fully drive multiple parallel woofers economically in large systems.

- Dual or Quad mono construction. Full power all the time.
- 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

Dimensions: 2RU 89 mm x 483 mm x 368 mm including side and back rack ears
(3.5" x 19" x 14.5") 10.5 kilo 23 lbs

Cooling: Dual, variable speed fans with rear to front air flow

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

Indicators: Power, Signal Present, Clip

Connectors: Stereo/Quad XLR input and looping output. Two High current Speakon outputs. Dataport 15 pin D connector, Remote standby 2 pin Phoenix, 30A Powercon AC mains

Warranty: Three years parts and labor

SpeakerPower

	SP2-12000	SP2-6400	SP2-8000	SP2-4800	SP4-2800
Rated power 2 x 2 ohms	6000W per ch both driven		4000W per ch both driven		
Rated power 2 x 4 ohms	3800W per ch both driven	3400W per ch both driven	2600W per ch both driven	2400W per ch both driven	700W per ch all driven
Rated power 2 x 8 ohms	2000W per ch both driven	2000W per ch both driven	1300W per ch both driven	1300W per ch both driven	1300W per ch all driven
Maximum voltage no load	126VAC	126VAC	109VAC	109VAC	56VAC
AC Mains voltage	208-240VAC 50/60 Hz	208-240VAC 50/60 Hz	120VAC 50/60 Hz	120VAC 50/60 Hz	100-240VAC 50/60 Hz
Rated power 2 x 2 ohms	3000W per ch both driven				
Rated power 2 x 4 ohms	2150W per ch both driven	2000W per ch both driven			
Rated power 2 x 8 ohms	1200W per ch both driven	1200W per ch both driven			
Maximum voltage no load	112VAC	112VAC			
AC Mains voltage	120VAC 60 Hz	120VAC 60 Hz			
Frequency response	5Hz-20Kz +/- 1.5dB	5Hz-20Kz +/- 1.5dB	5Hz-20Kz +/- 1.5dB	5Hz-20Kz +/- 1.5dB	5Hz-20Kz +/- 1.5dB
Input CMRR					
Voltage gain	30dB	30dB	30dB	30dB	30dB
Crosstalk	>90dB	>90dB	>90dB	>90dB	>90dB
Hum and noise	99dB A wtd ref full 8 ohm pwr < 0.01ohm 20Hz-				
Output impedance	1KHz				
Input sensitivity	2VRMS				
Input impedance	40K ohms				
1/8th output power					
AC draw	1130	690	1130	690	500
Idle power draw	40W	40W	30w	30w	60w
Weight	22 lbs	22lbs	22 lbs	20lbs	20lbs

