

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 |

