



# POWER SOURCE AMP



## PS-2000 Power Amplifier

Following in the footsteps of the popularly acclaimed PS2000, SoundTech is proud to offer a further refinement of its "smaller, lighter, and more powerful" Power Source Series. The SoundTech PS2000 achieves its small size and light weight by using a highly efficient, hybrid switch mode power supply, which reduces the need for bulky mains transformers. Weight and size savings are especially important for portable sound applications; whereas smaller, lighter amplifiers yield daily savings in transportation and labor.

### SPECIFICATIONS

#### POWER OUTPUT

8 ohms Stereo mode	600 Watts + 600 Watts
4 ohms Stereo mode	1000 Watts + 1000 Watts
2 ohms Stereo mode	1000 Watts + 1000 Watts
8 ohms Bridged mode	2000 Watts
4 ohms Bridged mode	2000 Watts

POWER BANDWIDTH - Half power 5Hz-65KHz ( $\pm 3$ dB)

FREQUENCY RESPONSE - 1W output 20Hz - 20kHz

THD+ N(Full Power, 20Hz-20KHz) Less than 0.05% (0.775V ref)

SLEW RATE 35V /  $\mu$  sec

INPUT IMPEDANCE BAL 10K ohms

INPUT IMPEDANCE UNBAL 10K ohms

VOLTAGE GAIN 39.3dB

SIGNAL TO NOISE RATIO 100dB

CHANNEL SEPARATION (1KHz) 65dB

DAMPING FACTOR, RL+ 8 Ohms, f = 1 KHz >350:1

INPUT SENSITIVITY 1.23V (+4dBm)  
(ATT =MAX), at 4 Ohms power rating

### POWER AMPLIFIER SECTION

POWER REQUIREMENT	220-240 VAC 50/60Hz SwitchMode
PROTECTION	In-rush Current Output Muting, DC Sensing, Short Circuit, Thermal
INDICATORS	Temp/Protect/Power/Peak/Bridge/dB cut
INPUT CONNECTOR	¼" TRS / XLR-F
SPEAKER OUTPUT CONNECTOR	BINDING POST
COOLING	FAN FORCE AIR
DIMENSIONS W x H x D	483mm x 90mm x 356mm
WEIGHT	29 lbs