



POWER SOURCE AMP



PS-1600 Power Amplifier

Following in the footsteps of the popularly acclaimed PS1600, SoundTech is proud to offer a further refinement of its "smaller, lighter, and more powerful" Power Source Series. The SoundTech PS1600 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	525 Watts + 525 Watts
4 ohms Stereo mode	800 Watts + 800 Watts
8 ohms Bridged mode	1600 Watts
4 ohms Bridged mode	3200 Watts
POWER BANDWIDTH - Half power	5Hz-65KHz (± 3 dB)
FREQUENCY RESPONSE - 1W output	20Hz - 20kHz
THD+ N(Full Power, 20Hz-20KHz)	Less than 0.05% (0.775V ref)
SLEW RATE	56V / μ sec
INPUT IMPEDANCE BAL	10K ohms
INPUT IMPEDANCE UNBAL	10K ohms
VOLTAGE GAIN	39.3dB
SIGNAL TO NOISE RATIO	100dB
CHANNEL SEPARATION (1KHZ)	85dB
DAMPING FACTOR, RL+ 8 Ohms, f = 1 KHz	>200:1
INPUT SENSITIVITY (ATT =MAX), at 4 Ohms power rating	1.23V (+4dBm)

POWER AMPLIFIER SECTION

POWER REQUIREMENT	220-240 VAC 50/60Hz SwitchMode
PROTECTION	In-rush Current Output Muting, DC Sensing, Short Circuit, Thermal
INDICATORS	Protect/Power/Peak/Bridge
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	22.10 lbs (10Kg)