



# POWER SOURCE AMP



## PS-3502 Power Amplifier

Following in the footsteps of the popularly acclaimed PS3402, SoundTech is proud to offer a further refinement of its "smaller, lighter, and more powerful" Power Source Series. The SoundTech PS3402 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	800 Watts + 800 Watts
4 ohms Stereo mode	1250 Watts + 1250 Watts
2 ohms Stereo mode	1700 Watts + 1700 Watts
8 ohms Bridged mode	2500 Watts
4 ohms Bridged mode	3100 Watts

FREQUENCY RESPONSE - 1W output	20Hz - 30kHz
THD+ N(Full Power, 20Hz-20KHz)	Less than 0.05% (0.775V ref)

SLEW RATE	50V / $\mu$ sec
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COMMON MODE REJECTION	More than 40dB
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INPUT IMPEDANCE BAL	10K ohms
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SIGNAL TO NOISE RATIO	100dB
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CHANNEL SEPARATION (1KHZ)	70dB
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DAMPING FACTOR, RL+ 8 Ohms, f = 1 KHz	>300:1
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INPUT SENSITIVITY (ATT =MAX), at 4 Ohms power rating	0.78V (+4dBm)
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### 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 / SPEAKON
COOLING	FAN FORCE AIR
DIMENSIONS W x H x D	483mm x 460mm x 132mm
WEIGHT	41.8 lbs (19.0kg)