



SPA Series

SPA2-60 | SPA4-60
SPA2-200 | SPA4-100

Low-Z / High-Z Professional Amplifiers

Features

- **Up to 200 watts per channel into 4 and 8 ohms** - the outputs of the SPA2 and SPA4 -60 models are designed to provide up to 60 watts per channel while the SPA4-100 will provide up to 100 watts and the SPA2-200 will provide up to 200 watts per channel into Low-Z loads
- **ENERGY STAR qualified amplifier** - The ENERGY STAR qualified SPA Series employ an efficient class-D design to conserve energy and reduce operational cost
- **Bridgeable outputs for higher power** - Bridging the outputs of the SPA -60 amplifiers provide up to 250 watts, while the SPA2-200 and the SPA4-100 will deliver up to 175 watts into 70V or 100V when bridged
- **Auto-Ramp provides quiet startup and power-down** - The ENERGY STAR auto-ramp circuitry ensures quiet and fast power up from standby and seamless power-down following 25 minutes of inactivity, dramatically reducing power consumption
- **Rack-mountable 1U, half rack width enclosure** - The SPA Series can be mounted in 1 RU, 1/2 rack space, and their clever joining brackets enable easy under-table and wall-mounting



The SPA Series amplifiers from QSC are four, half-rack RU, convection cooled power amplifiers delivering two or four channels of up to 200 watts per channel into 4 Ω and 8 Ω . These amps can also be bridged to supply up to 400 watts into 4 Ω and 8 Ω , and up to 350 watts into 70 V or 100 V loads making them extremely flexible for Low-Z or High-Z applications. Utilizing an advanced Class-D amplifier design and Universal Power Supply, the SPA Series are efficient, allowing them to be convection cooled and are ENERGY STAR qualified with quiet auto-ramp standby functionality. The SPA Series are housed in an unobtrusive black painted 1/2 RU chassis with unique mounting hardware enabling rack, table and wall mounting capabilities.

Efficient Amplifier with Auto-Ramp

The SPA Series amplifiers utilize a highly efficient class-D design that conserves energy to reduce operational costs and requires no active cooling. They are ENERGY STAR qualified with auto-ramp circuitry that seamlessly transitions to/from Standby with no audible pops.

Amplifier Protection

All amplifiers in the SPA Series feature rms and thermal limiting, as well as protection against over current, short circuit, and under/over voltage.

Protection, Control and Mounting

The SPA Series provide rms and thermal limiting as well as over-current and short-circuit protection so you can employ them with confidence. They also come with multiple mounting options. Every SPA Series comes with a complete mounting kit allowing it to be rack mounted by itself or with a second unit in a 1RU space. Included connecting brackets provide additional strength when rack mounting two amps together, but also make for simple under-table or wall mounting (like behind a TV). The SPA Series can also be mounted in plenum spaces when used with the Plenum Kit accessory.



SPA Series

	SPA2-60	SPA4-60	SPA2-200	SPA4-100
Channels	2	4	2	4
Stereo Mode (all channels driven)				
8 Ω	60 W	60 W	200 W	100 W
4 Ω	60 W	60 W	200 W	100 W
Bridged Outputs (all channels driven)				
8 Ω & 4 Ω	200 W	100 W continuous	400 W	200 W
70 V	250 W	125 W	350 W	175 W*
100 V	250 W	125 W	350 W	175 W*
Frequency response (4 Ω and 8 Ω)	20 Hz - 20 KHz +/- 0.1 dB			
Signal to noise (20 Hz - 20 KHz)	>100 dB			
Input sensitivity	1.23 V (+4 dBu)			
Gain at 8 Ω	25.0 dB			
Output circuitry	Class D			
Input impedance	>10k, balanced or unbalanced			
Maximum input level	12.3 V (+24 dBu)			
Cooling	Convection			
Input connectors	3.5 mm Euro, 5 position (green)		3.5 mm Euro, 10 position (green)	
Remote connectors	3.5 mm Euro, 5 position (black)		3.5 mm Euro, 10 position (black)	
Output connectors	5 mm Euro, 4 position (green)			
Front panel indicators	Power, per channel Signal, per channel Protect/Limit			
Rear panel indicators	Bi-Color LED Signal/Protect/Limit per channel			
Controls	4 Ω /8 Ω /70 V Bridged Highpass On/100 V Bridged Highpass (per channel pair)			
General purpose inputs	Remote volume, remote standby, on 3.5 mm connectors (10k potentiometer is not included)			
Highpass filter	80 Hz in Bridged 70 V & 100 V			
Dimensions	1.7" x 8.7" x 9.5" (43 mm x 220 mm x 241 mm)			
Net weight	3.5 lb (1.1 kg)		4.0 lb (1.4 kg)	
Shipping weight	6 lb (2.3 kg)		6.5 lb (2.5 kg)	
Power requirements	Universal Power Supply 100 - 240 VAC, 50 - 60 Hz with active power factor correction			
Agency approvals	UL, CE, Energy Star, RoHS/WEEE compliant, FCC Class B (Conducted and Radiated emissions), UL 2043 with plenum kit accessory			
Carton contents	IEC Cable, quick start guide, connector pack, rack mount ears, mounting brackets			

Specifications subject to change without notice.
*Peak Power – 250 W



1675 MacArthur Boulevard • Costa Mesa, CA 92626 • Ph: +1.800.854.4079 or +1.714.957.7100 • Fax: +1.714.754.6174
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