



### The SRA Series

Building upon QSC's widely recognized reputation throughout the cinema industry as "The Power Behind the Pictures," the SRA (Studio Reference Amplifier) series power amplifiers bring world-class audio performance to recording studios, high-end home theaters, and numerous additional applications. The SRA series encompasses three models—the SRA 1222, SRA 2422, and the SRA 3622. Power points for these models range from 200 watts/channel at 8 ohms through 725 watts/channel at 8 ohms. The SRA amplifiers draw upon the company's expertise in high frequency (HF) switching power supplies and include the popular DataPort for integration with optional crossover and DSP modules.

The SRA's exemplary performance is a result of QSC's advanced HF switch mode power supply technology. This technology enables the amplifiers to weigh considerably less than conventional transformer driven models while also occupying less rack space. The benefit is crystal-clear highs, smooth and accurate mids, and a powerful, articulate low-end response—designed to add that extra realism to your audio playback. Further, a full complement of connectors facilitates easy integration into virtually any environment.

QSC's SRA series amplifiers also boast useful features such as individually selectable clip limiters and subsonic filters, front-mounted gain controls, plus signal and clip LED indicators to monitor performance. SRA series amplifiers can be configured for stereo, parallel, or bridged mono operation. A rear-panel 12V trigger interfaces with all popular remote-control and surround sound processor devices for seamless integration into modern systems. As expected from the world's largest producer of professional power amps with an unparalleled reputation for reliability and customer support, the SRA series amplifiers deliver performance you can count on.

### SRA Features

- Active inrush limiting—will not blow circuit breakers at turn-on
- A hum-free noise floor and ultra low distortion
- Optional DSP modules for enhanced signal control
- Short circuit, DC, subsonic, and thermal overload protection
- Tamper proof gain control security cover
- LED indicators for power, signal, and clip
- Detachable rack ears included
- Only 22 lb. net (10 kg) for easy racking and shipping
- Selectable subsonic filters: off, 20 Hz, or 50 Hz
- RCA inputs
- 12V DC control trigger
- Quiet variable speed fan
- 3-year warranty plus optional 3-year extension available

Model	Watts per channel		
	8Ω	4Ω	2Ω
1222	200	350	600
2422	425	725	1200
3622	725	1100	1800

8Ω: 20Hz-20kHz, 0.03% THD  
4Ω: 20Hz-20kHz, 0.05% THD  
2Ω: 1kHz, 1% THD

SRA SPECIFICATIONS	SRA 1222	SRA 2422	SRA 3622
<b>Stereo Mode</b> (both channels driven)		<b>Continuous Average Output Power Per Channel</b>	
8 ohms 20 Hz-20 kHz 0.03% THD	200 Watts	425 Watts	725 Watts
4 ohms 20 Hz-20 kHz 0.05% THD	350 Watts	725 Watts	1100 Watts
2 ohms 1 kHz 1% THD	600 Watts	1200 Watts	1800 Watts
<b>Bridge Mono Mode</b>		<b>Continuous Average Output Power</b>	
8 ohms 20 Hz-20 kHz 0.1% THD	750 Watts	1550 Watts	2400 Watts
4 ohms 1 kHz 0.1% THD	1200 Watts	2400 Watts	3600 Watts
<b>Signal to Noise</b> (20 Hz-20 kHz)	< -107 dB	< -107 dB	< -107 dB
<b>Input Sensitivity @ 8 ohms</b>	1.43 Vrms	2.12 Vrms	2.71 Vrms
<b>Input Sensitivity @ 4 ohms</b>	1.35 Vrms	1.92 Vrms	2.38 Vrms
<b>Output Circuitry</b>	Class AB	2-tier Class H	2-tier Class H
<b>Current Draw</b> (1/8 power pink noise)	6 A (4 ohms)	5 A (8 ohms)	8 A (8 ohms)
<b>Slew Rate</b>	20V / $\mu$ s	20V / $\mu$ s	20V / $\mu$ s
<b>Distortion (SMPTE-IM)</b>	Less than 0.01%	Less than 0.02%	Less than 0.02%
<b>All models</b>	<b>All models</b>		
<b>Distortion (typical)</b> 20 Hz-20 kHz: 10 dB below rated power 1.0 kHz and below: full rated power	Less than 0.02% THD, 4 $\Omega$ & 8 $\Omega$ Less than 0.01% THD, 4 $\Omega$ & 8 $\Omega$		
<b>Frequency Response</b> (LF filter off)	20 Hz-20 kHz, $\pm$ 0.2 dB; 8 Hz-50 kHz, +0, -3 dB		
<b>Input Stage</b>	0.1% precision resistors		
<b>Input Impedance</b>	10 K $\Omega$ unbalanced, 20 K $\Omega$ balanced		
<b>Input Clipping</b>	10 Vrms (+22 dBu)		
<b>Connectors (each channel)</b>	Input: balanced XLR, unbalanced RCA, DataPort Output: "Touch-proof" binding posts and Neutrik Speakon™ (upper connector available for bridged / dual channel operation), 3.5mm 12V DC jack for remote on/off control		
<b>Controls</b>	Front: Power switch, Ch. 1 and Ch. 2 gain knobs Rear: DIP switch for Ch. 1 and Ch. 2: clip limiter on/off, LF filter freq. select (20 or 50 Hz)		
<b>Damping Factor</b> (@ 1 kHz and below)	500 or greater		
<b>Indicators</b>	LEDs for Power, Signal and Clip		
<b>Voltage Gain</b>	28x (29 dB)		
<b>Amplifier Protection</b>	Full short circuit, open circuit, thermal, ultrasonic, and RF protection. Stable into reactive or mismatched loads		
<b>Weight</b>	22 lb. (10 kg) net, 32 lb. (14.5 kg) shipping		
<b>Dimensions</b>	19" (48.3 cm) with rack ears, 17.5" (44.4 cm) w/out rack ears, 3.5" (8.9 cm) tall (2 RU), 15.5" (39.4 cm) deep		

Specifications subject to change without notice.

