



USA Series amplifiers deliver legendary QSC reliability and audio performance at an economical price. Three models offer a range of power from 250 to 1000 watts per channel at 2 ohms. Quiet fan-free cooling makes the USA 400 the ideal choice for studio and control room use. The fan-cooled USA 900 and 1310 are perfect for high-power applications such as live sound reinforcement and system installations. USA Series is the industry leader in amplifier value.

The USA Series includes a comprehensive set of advanced features. Neutrik Combo connectors provide active balanced XLR and 1/4" TRS inputs for maximum input flexibility. Selectable input limiters reduce prolonged amplifier clipping, dramatically lowering distortion and protecting speakers. Variable low-frequency filters (30 Hz, 50 Hz, or flat) limit sub-audio cone motion, protecting speakers and increasing useable power within the speaker's operating range. These features, combined with our superior audio performance and reliability, make USA amplifiers some of our best sellers.

Model	Watts per channel		
	8Ω	4Ω	2Ω
400	125	200	250
900	270	450	500
1310	400	655	1000

1 kHz, 1% THD

USA Series Features

- Full complementary output circuit for low distortion (>0.1% THD, 20 Hz—20 kHz)
- 2-speed fan cooling for solid 2-ohm performance (USA900 & 1310)
- Quiet convection cooling on USA 400 for studio monitoring
- Built-in clip limiter and low-frequency filter to reduce distortion and protect speakers
- Active balanced inputs for low noise
- Neutrik "Combo" inputs that accept both 1/4" TRS and XLR connectors
- Patented Output Averaging™ short circuit protection
- 3 year warranty plus optional 3 year extended service contract



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USA SPECIFICATIONS			USA 400	USA 900	USA 1310
<i>Stereo Mode (both channels driven)</i>			<i>Continuous Average Output Power Per Channel</i>		
8 ohms	0.1% THD	20 Hz-20 kHz	110W	240W	375W
8 ohms	1% THD	1 kHz	125W	270W	400W
4 ohms	1% THD	1 kHz	200W	450W	655W
2 ohms	1% THD	1 kHz	250W	550W	1000W
<i>Bridge Mono Mode</i>			<i>Bridge-Mono Mode Operation</i>		
16 ohms	1% THD	1 kHz	250W	540W	800W
8 ohms	1% THD	1 kHz	400W	900W	1310W
<i>Signal-to-Noise (A weighted)</i>			105 dB	104 dB	106 dB
<i>Input Sensitivity (for full power @ 8 ohms)</i>			1.12 Vrms (+3.2 dBu)	1.16 Vrms (+3.5 dBu)	1.13 Vrms (+3.3 dBu)
<i>Voltage Gain</i>			28x (29 dB)	40x (32 dB)	50x (34 dB)
<i>Cooling</i>			Passive	2-Speed Fan	2-Speed Fan
<i>Weight</i>			24 lb	34 lb	54 lb
<i>Power Consumption*</i>			<6A	<9A	<12A
All models			All models		
<i>Distortion (SMPTE-IM)</i>			Less than 0.025%		
<i>Frequency Response</i>			20 Hz-20 kHz, +0/-1 dB @ 1 watt		
<i>Damping Factor</i>			greater than 200		
<i>Dynamic Headroom</i>			2 dB at 8 ohms		
<i>Input Impedance</i>			10 K Ω unbalanced, 20 K Ω balanced		
<i>Controls</i>			Front: AC Switch, AC Circuit Breaker Back: Stereo/Bridge Switch, Ch 1 and Ch 2 Gain Knobs 8 Position DIP Switch for Filter & Limiter		
<i>Indicators</i>			POWER: Green LED CLIP: Red LED, 1 per channel		
<i>Connectors (each channel)</i>			Input: Barrier strip and Neutrik "Combo" 1/4" TRS and XLR, tip and pin 2 positive Speakers: Touch-proof binding posts		
<i>Amplifier Protection</i>			Full short circuit, open circuit, thermal, ultrasonic, and RF protection. Stable into reactive or mismatched loads		
<i>Load Protection</i>			On/off muting, DC-fault power protection		
<i>Output Circuit Type</i>			Class AB complementary linear outputs		
<i>Power Requirements</i>			100, 120, 240 VAC, 50-60 Hz		
<i>Dimensions</i>		USA 400, USA 900 USA 1310	19" (48.3 cm) rack mounting, 5.25"(13.3 cm) tall (3 rack spaces), 9.5" (24.1 cm) deep 19" (48.3 cm) rack mounting, 7.0"(17.8 cm) tall (4 rack spaces), 10.8" (27.4 cm) deep		

* 1/8 power @ 4 ohms/channel, both channels driven; @ 120 VAC (multiply by 0.5 for 230V operation, by 1.2 for 100V operation)

