



Q Series

Building on a legacy of power and performance, Q Series amps take Electro-Voice's unique amplifier philosophy to a new level of efficiency and value. The Q series achieves superb audio performance because it's designed for superior dynamic headroom and transient response, resulting in 30% greater output capability for short-duration signals. High-power Q99 and Q1212 models use sophisticated Class-H topology that dramatically reduces heat and cuts energy consumption by up to 50%, yielding racks that are easier to power and

easier to cool. Smaller Q44 and Q66 models are based on the proven Class-AB designs of EV's reference-standard Precision series. All models incorporate dynamic limiting to prevent dangerous output clipping, as well as extensive protections against thermal damage and electrical malfunction. Combining Class-H innovation with Class-AB sonic excellence and robustness, the compact, affordable Q Series is the ideal amplifier line for all sizes of clubs, concerts, performance centers and sports venues.



Q44 650 W PER CHANNEL POWER AMPLIFIER



- Outstanding value and performance for club and mobile systems
- Dynamic headroom for all real-world applications
- 650 W per channel (2 Ω)
- Class-AB design
- XLR pass-through input connections
- Easy connection to biamped loudspeakers
- Switchable LPN filter for extra tonal fundamentals and "kick"
- Protective low-cut for systems without subwoofers
- Built-in dynamic limiters
- Complete protection package
- 3-stage front-to-rear fans

Q66 900 W PER CHANNEL POWER AMPLIFIER



- Outstanding value and performance for clubs, mobile and more
- Dynamic headroom for all real-world applications
- 900 W per channel (2 Ω)
- Class-AB design
- XLR pass-through input connections
- Easy connection to biamped loudspeakers
- Switchable LPN filter for extra tonal fundamentals and "kick"
- Protective low-cut for systems without subwoofers
- Built-in dynamic limiters
- Complete protection package
- 3-stage front-to-rear fans

Q99 1250 W PER CHANNEL CLASS-H POWER AMPLIFIER



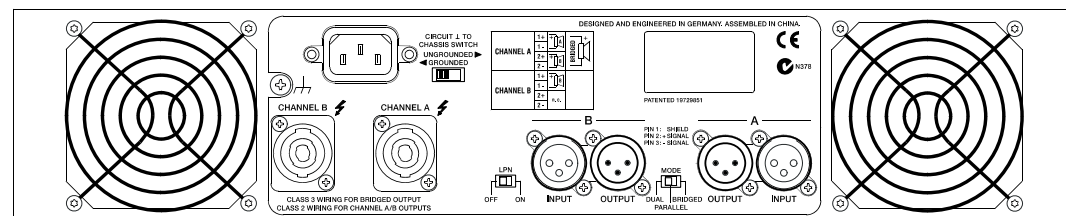
- High-efficiency power and performance
- Innovative Class-H design
- 1250 W per channel (2 Ω)
- Dynamic headroom for all real-world applications
- XLR pass-through input connections
- Easy connection to biamped loudspeakers
- Switchable LPN filter for extra tonal fundamentals and "kick"
- Protective low-cut for systems without subwoofers
- Built-in dynamic limiters
- Complete protection package
- 3-stage front-to-rear fans

Q1212 1800 W PER CHANNEL CLASS-H POWER AMPLIFIER



- Super-efficient power with outstanding performance
- Innovative Class-H design
- 1800 W per channel (2 Ω)
- Dynamic headroom for all real-world applications
- XLR pass-through input connections
- Easy connection to biamped loudspeakers
- Switchable LPN filter for extra tonal fundamentals and "kick"
- Protective low-cut for systems without subwoofers
- Built-in dynamic limiters
- Complete protection package
- 3-stage front-to-rear fans

	Q44			Q66			Q99			Q1212		
Topology	Class-AB			Class-AB			Class-H			Class-H		
Impedance	2 Ω	4 Ω	8 Ω	2 Ω	4 Ω	8 Ω	2 Ω	4 Ω	8 Ω	2 Ω	4 Ω	8 Ω
Continuous Output Power(1 kHz, THD 1%)	650 W	450 W	270 W	900 W	600 W	380 W	1250 W	900 W	550 W	1800 W	1200 W	750 W
Continuous Output Power(20 - 20,000 Hz, THD < 0.2%)		400 W	200 W		500 W	250 W		800 W	400 W		1100 W	550 W
Maximum Bridged Output		1300 W	900 W		1800 W	1200 W		2800 W	1800 W		3600 W	2400 W
Amplifier Gain	32 dB			32 dB			32 dB			32 dB		
Frequency Response	10 Hz - 40 kHz (±1 dB)			10 Hz - 40 kHz (±1 dB)			10 Hz - 40 kHz (±1 dB)			10 Hz - 40 kHz (±1 dB)		
Signal-to-Noise Ratio (A-weighted)	106 dB			107 dB			109 dB			110 dB		
Total Harmonic Distortion	0.03%			0.03%			0.03%			0.03%		
Intermodulation Distortion (SMPTE)	0.1%			0.1%			0.1%			0.1%		
DIM 30	0.05%			0.05%			0.05%			0.05%		
Input Impedance (Balanced)	20 kΩ			20 kΩ			20 kΩ			20 kΩ		
Input Sensitivity	+2.2 dBu			+3.1 dBu			+5.1 dBu			+6.6 dBu		
Maximum Input Voltage	+21 dBu (8.69 Vrms)			+21 dBu (8.69 Vrms)			+21 dBu (8.69 Vrms)			+21 dBu (8.69 Vrms)		
Slew Rate	25 V/μs			26 V/μs			27 V/μs			30 V/μs		
Network Control (IRIS-Net)	No			No			No			No		
Protections	Audio limiters, high temperature, DC, HF, back EMF, peak current limiters, inrush current limiters, turn-on delay											
Cooling	Front-to-rear, 3-stage fans			Front-to-rear, 3-stage fans			Front-to-rear, 3-stage fans			Front-to-rear, 3-stage fans		
Dimensions (H x W x D)	3.47" x 19.02" x 16.63" (88.1 x 483 x 421.5 mm)			3.47" x 19.02" x 16.59" (88.1 x 483 x 421.5 mm)			3.47" x 19.02" x 16.59" (88.1 x 483 x 421.5 mm)			3.47" x 19.02" x 16.59" (88.1 x 483 x 421.5 mm)		
Net Weight	27.78 lb (12.6 kg)			32.63 lb (14.8 kg)			35.94 lb (16.3 kg)			39.02 lb (17.7 kg)		



Q44, Q66, Q99 and Q1212 rear view