



CAMCO Q-Power Series is a new range of 4 channel, high output power amplifiers. The Q-Power 6 and the Q-Power 10 have been designed to provide that, Powerful Pure Sonic Performance which is now so synonymous with the CAMCO brand name.

New Technology

The CAMCO Q-Power 10 introduces new class D amplifier technology offering smooth and responsive handling with massive power output while maintaining CAMCO's famous sonic integrity, the CAMCO Q-Power 6 uses class H technology, both models benefiting from the latest advances in CAMCO's SMPS technology, the resulting high power, lightweight units are at home in all professional applications.

Designed for flexibility of Use

With the introduction of the Q-Power series CAMCO aim to deliver simple, pure and reliable power for applications where cost and ease of use are paramount without loss of integrity.

Straight Forward Approach

CAMCO have paid attention to market requirements for a straight forward approach. In introducing the Q-Power Series CAMCO identified, key elements, such as power output, loading, AC power supply flexibility and connectivity. The result is two, outstanding power output options, across four channels, in a 19" 2 RU rugged case design, suitable for professional Installations, Theatre and Live Sound applications.

Features

- Dual Voltage SMPS with automatic voltage selection for 120 V / 230 V operation
- Two temperature controlled cooling fans
- Two switchable peak-limiter for channel A+B and C+D
- 100 V/70 V (Q-Power 10), 70 V (Q-Power 6) line operation
- CAMCO Switch Mode Power Supply technology
- 2500 W (Q-Power 10) / 1500 W (Q-Power 6) max RMS output at 4 Ω per channel

6 Years Warranty

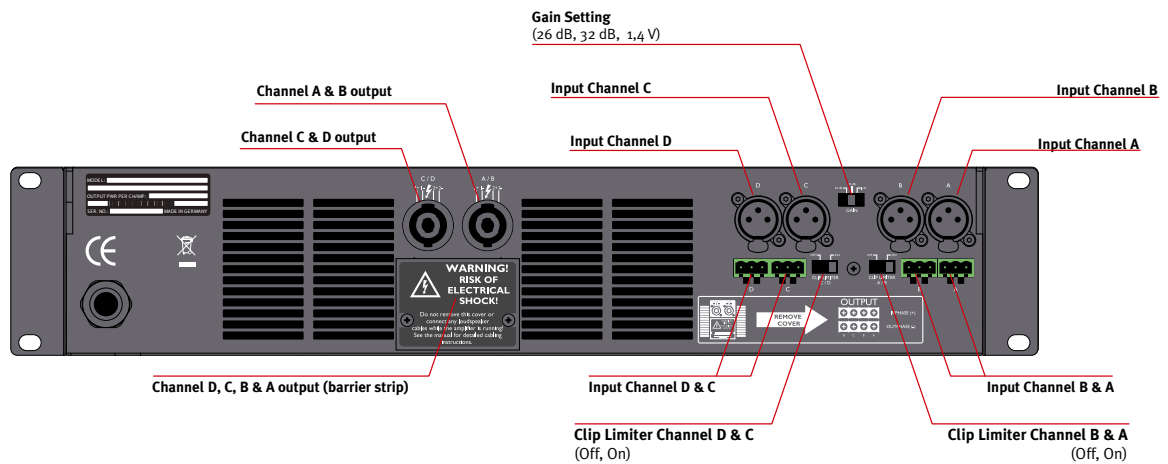
CAMCO amplifiers renowned reliability is backed up by 6 years warranty from date of first purchase.

Along with ABCD channel identification, clear LED status indicators above each potentiometer indicate; Amp on, Signal present (this is red if in protect mode), Output current and clip status, all information is clear and precise. A gain control security cover is also provided.



Flexible connectivity as standard; the input section is supplied with both XLR and Phoenix connectors, while the output section is supplied with both Speakon and Barrier Strip connectors with cover.





Specifications:

	Q-Power 6	Q-Power 10	
Power per channel All channels driven @ 1kHz, THD < 1%	16 Ω	470 W	620 W
	8 Ω	800 W	1100 W
	4 Ω	1000 W	1800 W
	4 Ω Max RMS	1500 W	2500 W
	70 V line operation	950 W	1600 W
	100 V line operation	N/A	625 W
Power per channel Single channel driven @ 1kHz, THD < 1%	16 Ω	480 W	620 W
	8 Ω	960 W	1350 W
	4 Ω	1500 W	2400 W
	4 Ω Max RMS	1600 W	2600 W
No. of channels	4	4	
Max. Output Voltage	125V _p / 250V _{pp}	145V _p / 290V _{pp}	
Output Circuitry	Class H	Class D	
Signal To Noise-Ratio 20 Hz - 20 kHz, 8 Ω load	> 115 dB (A-weighted) > 112 dB (unweighted)	> 115 dB (A-weighted) > 112 dB (unweighted)	
THD+N (typical) 20 Hz - 20 kHz, 8 Ω load, 6 dB below rated power	< 0,01 %	< 0,01 %	
SMPTE 4:1 (typical) 60 Hz + 7kHz, 8 Ω load 8 dB below rated power	< 0,01 %	< 0,02 %	
Damping Factor 8 Ω load, 1 kHz and below	> 350	> 600	
Net Weight	10,6 kg / 23,4 lbs	11,5 kg / 25,4 lbs	
Shipping Weight	12,6 kg / 27,8 lbs	13,5 kg / 29,8 lbs	
Frequency Response 8 Ω load, 1 dB below rated power	20 Hz - 20 kHz ± 0,15 dB		
Input Impedance	15 kΩ balanced		
Input Gain	selectable: 26 dB, 32 dB or 1,4 V input sensitivity		
Protection Circuits	inrush-current limitation, protection circuits against power on/off transients, temperature monitoring of transformers and heat-sinks, output DC protection, power transistor control, temperature dependent SOA protection, intelligent mains fuse protection		
Limiter	two switchable peak-limiter for channel A+B and C+D respectively		
Fan	2 temperature dependent speed-controlled axial fans		
Indicators	LED's for ON, SIGNAL/PROTECT, CLIP, Output Current		
Input Connectors	3-pin XLR, male and female per channel, pin 2 = in phase / Phoenix Connectors, pin 1 = in phase, pin 2 = GND		
Output Connectors	Two 4-pole SPEAKON connectors / Barrier Strip with protection cover		
Operation Voltage	Dual Voltage SMPS with automatic voltage selection for 120 V / 230 V operation		
Dimensions (WxHxD)	483 x 88,9 x 419 mm / 19 x 3,5 x 16,5 inches (19", 2U)		
Shipping Dim. (WxHxD)	600 x 105 x 527 mm / 23,3 x 4,1 x 20,7 inches		
Accessories included	Gain pot security cover		

Specifications subject to technical alterations without prior notice.

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