



The New AmpPack 3 from CAMCO is an all-in-one power solution for any bi-amp application. The AmpPack 3 can be mounted anywhere, delivers total power of 3600W and includes state-of-the-art controller-DSP with comprehensive speaker protection algorithms.

Amplification Anywhere

A unique feature of the AmpPack 3 is a sealed enclosure with no fans, allowing it to be mounted anywhere – even in dusty environments. Mounting possibilities includes wall or speaker cabinets.

Pure & Powerful Sonic Performance

Despite the sealed enclosure the AmpPack 3 delivers a total power of 3600 W RMS in two channels with CAMCO’s renowned pure sonic performance. The latest PWM technologies have been used to obtain a high profile, powerful and efficient full bandwidth amplifier with ultra-low distortion. The unique class D design offers 145Vp output voltage and more than 116 dB dynamic range.

Integrated Controller-DSP

The controller software and integrated controller-DSP offers state-of-the-art speaker controlling, 30 fully parametric EQ’s, delays, IIR-filters, X-over up to 10th order, 2 independent limiters per output channel.

Efficient power supply design

One of the most effective power supply designs of the industry has been used to keep the power reservoir high and the weight and heat dissipation at a minimum. The power supply offers dual voltage with automatic voltage selection for 120V / 230V operation, intelligent mains fuse protection, inrush current limitation as well as protection against AC power transients.

Audio-at-all-times self-protection scheme

On-board protection features are automatic or user selectable via DSP settings ensuring audio-at-all-times operation. Real time monitoring of all critical parameters such as temperature, output voltage and output current as well as short circuit situations ensures optimal and safe operation of the unit.

Remote Control included

As Standard the AmpPack 3 comes remote control enabled. Free software is available for all registered users.

6 Years Warranty

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

Up to 10 presets can be stored in the controller-DSP and can easily be selected via the display and rotary encoder. Gain, network address and AES/EBU channel left or right can also be selected.

The generous sized display provides an easy-to-read status.



The powerful controller-DSP offers up to 4 paths in a multi-path routing structure. This allows emulation of passive X-over filters, thus making it possible to control EQ, limiter and delay settings for individual speaker drivers in a passive X-over system.

The advanced thermo and peak limiter functions can be combined with the amplifier’s limiter, thus always maximizing power output of the entire system with optimal protection.



Setting LEDs  
(Gain, Preset, AES/EBU , Address)

Network & Network Link

Output A & B

AES/EBU Input & Link

Analogue Signal Input & Link

Rotary Encoder

Status LEDs  
(Protect, Clip, Signal, AES Lock)



**Power Ratings**

Load	16 Ω	8 Ω	4 Ω	Peak RMS
Total all channels driven	1200 W	2200 W	3600 W	4500 W
Single channel driven	600 W	1200 W	2200 W	2400 W

**Amplifier**

Output Voltage	145V <sub>p</sub> / 290V <sub>pp</sub>
Circuitry	Class D - full bandwidth PWM modulator with ultra low distortion
Frequency Response	20 Hz - 20 kHz ± 0,15 dB (8 Ω load, 1 dB below rated power)
Voltage Gain	21 - 39 dB, 1 dB steps
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, under & overvoltage lockout.
Indicators	LED's for ON, SIGNAL, CLIP, PROTECT
Signal To Noise-Ratio	> 116 dB (A-weighted, 20 Hz - 20 kHz, 8 Ω load)
THD+N (typical)	< 0,05 % (20 Hz - 20 kHz, 8 Ω load, 3 dB below rated power)
Damping Factor	> 600 (8 Ω load, 1 kHz and below)
Operation Voltage	Dual Voltage SMPS with automatic voltage selection for 120 V / 230 V operation
Dimensions (WxHxD)	252 x 456 x 83 mm / 9,9 x 18,0 x 3,3 inches
Net Weight	Approx. 8 kg / 18 lbs

**Connectors**

Analogue Input	(1) 3-pin XLR female (Mono input), (1) 3-pin XLR male for output link
AES/EBU Input	(1) 3-pin XLR female (Mono input), (1) 3-pin XLR male for output link
Power Output	(2) 4-pole SPEAKON connector, channel A = pin ±1, channel B = pin ±2
Network	(2) Neutrik EtherCon for network & network link
Mains Input	(1) Neutrik PowerCon, (1) Neutrik PowerCon for output link

**Controller-DSP**

AD Converter	127 dB dynamic range (max. input level 22 dBu) stacked converter
Sample Rate	48 kHz
Latency	1 ms from input to analogue output
Routing & gain	4 multipath routings of mono input into 2 output channels. Gain adjustment on input and output
Limiters per output channel	2 independent limiters, adjustable in threshold, ratio, attack, hold and release time.
Delay	Up to 2 sec 21 usec increments
Filters & EQ per channel	Graphic EQ-settings. Drag-and-drop control of filter curves. 30 fully parametric EQs, adjustable in frequency, amplitude, quality and characteristic. X-over up to 10th order. shelving filters
Speaker protection	Foresight limiter with "controlled overshoot" for utilisation of the impulse reserves of the amplifier with regards to the loudspeaker's thermal equivalent circuit diagram
FIR-filters	Possibility for high-precision FIR-filtering via the accredited measurement systems.
No of DSP presets	Up to 10 presets can be saved in DSP memory