



CPC-1234 Specifications

Controls And Switches

40 Hz roll-off switch -3 dB @ 40 Hz, 12 dB/octave (In low frequency output)

Channel gain control ± 10 dB

Low frequency level control Infinity to +6 dB

Mid frequency level control Infinity to +6 dB

High frequency level control Infinity to +6 dB

Low frequency to mid frequency crossover 50 Hz to 500 Hz to 5 kHz, 18 dB/octave

X10 range Changes low frequency to mid frequency from (50 Hz to 500 Hz) to (500 Hz to 5 kHz)

Mid frequency to high frequency crossover 800 Hz to 8.2 kHz 18 dB/octave

3-way-stereo / 4-way-mono switch Changes the unit from stereo or 3-way/ stereo or 4-way / mono (in 4-way-mono position the mid-frequency to high-frequency of Channel Two changes from (800 Hz to 8.2 kHz) to (2 kHz to 20 kHz)

Frequency Response Each output is -3 dB at the selected crossover frequency value. Outputs are essentially flat within their relative passbands.

Low frequency output +0, -0.5 dB @ 10 Hz

The all-new CPC-1234 combines the latest in solid state technology with a host of versatile functions. Both XLR balanced and 1/4" unbalanced inputs offer optimum hook-up flexibility.

Full-featured crossover controls allow for precise selection in 2-way/3-way stereo or 4-way mono configurations. An additional low sum balanced output combines the low frequency band of both channels for an idea output to a subwoofer system.

Phase inversion switches on each bandpass output (except Low Sum) provide a quick means to reverse signal phase for any particular band. ■

CPC™-1234

- Most common application: fixed installations
- 2-way stereo, 3-way stereo or 4-way mono operation with 24/dB per octave (4th-Order) Linkwitz/Riley filters
- Extremely wide frequency range via x10 multiplier buttons
- Recessed controls prevent accidental "adjustments"
- LED indicators for all major functions
- Recessed rear-panel CD Horn EQ and 180° Polarity switches
- Balanced 1/4" TRS outputs
- Balanced XLR and unbalanced 1/4" TRS inputs



(with 40 Hz roll-off defeated)

High frequency output +0, -0.5 dB @ 50 kHz

THD + Noise Less than 0.005% THD @ 3V RMS; 20 Hz to 20 kHz

Hum and noise Crossover controls set @125 Hz, and 2 kHz; all level controls set at 0db; 40 Hz roll-off out; 20 Hz to 20 kHz, unweighted

Low frequency output -100 dBu

Mid frequency output -92 dBu

High frequency output -89 dBu

(specifications continued on page 2)

Multi-way system crossover for:

- Churches
- Clubs and restaurants
- Corporate A/V
- School auditoriums
- Hotel ballrooms
- Conference centers
- Theme parks
- Cruise ships
- Museums and libraries



See also: Crest Performance CPC-1223 2-/3-way crossover

Spec sheet CPC1223Spec.pdf

CPC-1223 Manual CPC1223Man.pdf

Architect's/Engineers Specs CPC1223AE.doc

DOWNLOADS @

www.crest-performance.com

This spec sheet CPC1234Spec.pdf

CPC-1234 Manual CPC1234Man.pdf

Architect's/Engineers Specs CPC1234AE.doc

CPC™-1234 2-way / 3-way / 4-way Electronic Crossover

2-way / 3-way / 4-way Electronic Crossover

Block Diagram

Maximum input level +20 dBu, 8 V RMS (channel gain @ 0 dB or lower, other level controls set at 0 dB setting or lower)

Input impedance 20 k Ohms balanced, 10 k Ohms unbalanced

Maximum output level +20 dBu, 8V RMS

Rear Panel Connectors

Inputs XLR and 3-conductor ¼" phone jack

Outputs 3-conductor ¼" phone jack

Power requirements 120 VAC, 50/60 Hz, 20W (domestic model), 230 VAC, 50/60 Hz, 20W (international model)

Real Panel Controls

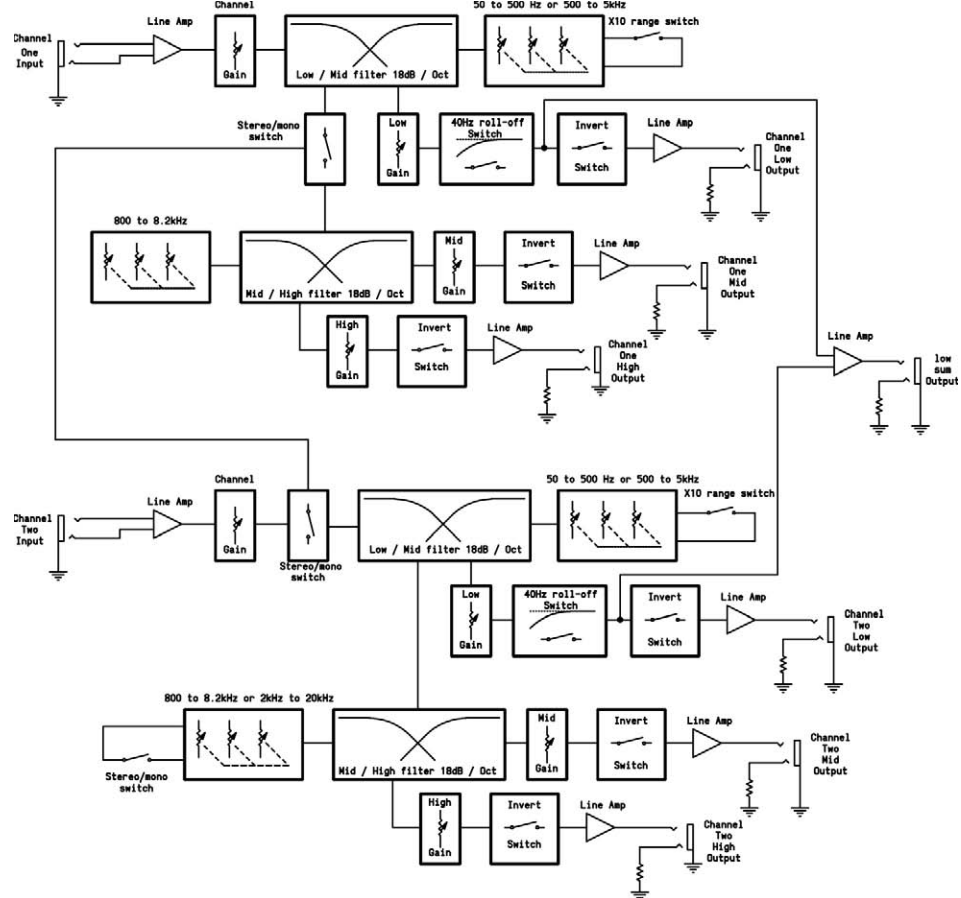
40 Hz roll-off switch -3 dB @ 40 Hz, 12 dB/octave

Invert switch Changes the phase of the output

High frequency equalization switch Adds high frequency emphasis for high frequency compression drivers

Weight 7.5 lb (3.4kg)

Dimensions W x D x H 19" x 10" x 1.75", 482.6mm x 254mm x 44.45mm



Other Crest Performance Products. Visit www.crest-performance.com or your Crest Performance dealer for details.

CPM-2462 24-input, rackmountable 4-bus mic/line mixer

CPM-9812P 10-input, 500+500W powered mixer

CJ/4 Professional DJ mixer

CP-6210/6220 Music mixer & DJ expander

CPX Series 600, 1000 & 1550W (bridged mono) power amplifiers

CPQ-1215 Dual 15-band equalizer

CPQ-1131 1/3-octave graphic equalizer

CPC-1223 2/3-way crossover

CPL-1288 Dual-channel compressor/limiter/expander

CPQ-1232 Digital anti-feedback system

CPS-1203 Spectrum enhancement system

LQ-P Series 10, 12 & 15-inch active 2-way mobile loudspeaker systems

LQ Series 10, 12 & 15-inch 2-way mobile loudspeakers

CPT Series 10, 12 and 15-inch 2-way speaker systems plus 2 sizes of fill speakers for permanent installation

LQ-15PSW 1000-watt, 15-inch active subwoofer

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