



CPC-1223 Specifications

Switches And Controls

Channel Gain Control ± 20 dB

LF and HF Gain Control ± 20dB

LCF -3 dB @40 Hz, 24 dB/octave

LF and HF Crossover Frequency 60 Hz to 6 kHz, 24 dB/octave

CD Horn EQ (Adjustable) 0 to +12 dB @ 20 kHz, first order

Frequency Response Each output is -6 dB at the selected crossover frequency due to the true linkwitz / riley configuration. Outputs are essentially flat within their relative pass-bands.

LF Output +0 to -0.5 dB @ 10 Hz (40 Hz LCF off)

HF Output +0 to -0.5 dB @150 kHz

Subwoofer LPF Output 0 dBu, -3 dB @ 100 Hz, 24 dB/ octave (In 2-way mode: Ch 1 + Ch 2)

Maximum input/output level +22 dBu, 10V RMS, all gain controls @ 0 dB or lower

THD + Noise Less than 0.02% @ 0 dBu (20 Hz - 20 kHz), less than 0.002% @ +10 dBu (20 Hz - 20 kHz)

Hum and Noise (All level controls @ 0 dB, Crossover control @ 1 kHz, 40 Hz LCF off, 22 Hz-22 kHz BW)

LF output -100 dBu

HF output -97 dBu

The two-way stereo/three-way mono Crest Performance CPC-1223 crossover features a true fourth order Linkwitz/Riley crossover filter with improved selectivity to 24 dB/octave and an extended crossover frequency range from 60Hz to 6 kHz.

Each of the CPC-1223's two channels feature ±20 dB gain control and switchable 24 dB/octave low cut filter at 40 HZ roll-off frequency. Each frequency band within the two channels has a 20 dB level control, polarity and mute switches, a green signal-presence LED (-20 dBu threshold) and a red Clip/Mute LED.

In addition, each of the two high frequency sections features an adjustable CD horn EQ boost control from 0 to +12 dB. Plus there is an independent sub-woofer output on the rear panel. ■

CPC™-1223

- Most common application: mobile live sound/touring
- 2-way stereo or 3-way mono operation
- 24/dB per octave Linkwitz/Riley filters
- Variable CD Horn EQ
- Separate 100Hz subwoofer output
- Signal Present, clip LEDs and 180° Polarity switches on each channel
- Balanced XLR, balanced Euro-style and ¼" unbalanced inputs and outputs



Outputs muted -101 dBu

Input impedance 10 k Ohms balanced/unbalanced

LED Indicators

Signal present Green, -22 dBu threshold, each frequency band

Signal Clip/MUTE Red, +20 dBu, each frequency band

(specifications continued on page 2)

Multi-way system crossover for:

- Churches
- Clubs and restaurants
- Corporate A/V
- School auditoriums
- Hotel ballrooms
- Conference centers



See also: Crest Performance CPC-1234 2-/3-/4-way crossover

Spec sheet CPC1234Spec.pdf

CPC-1234 Manual CPC1234Man.pdf

Architect's/Engineers Specs CPC1234AE.doc

DOWNLOADS @

www.crest-performance.com

This spec sheet CPC1223Spec.pdf

CPC-1223 Manual CPC1223Man.pdf

Architect's/Engineers Specs CPC1223AE.doc

CPC™ -1232 2-way / 3-way Electronic Crossover

Block Diagram

Connectors, all inputs and outputs

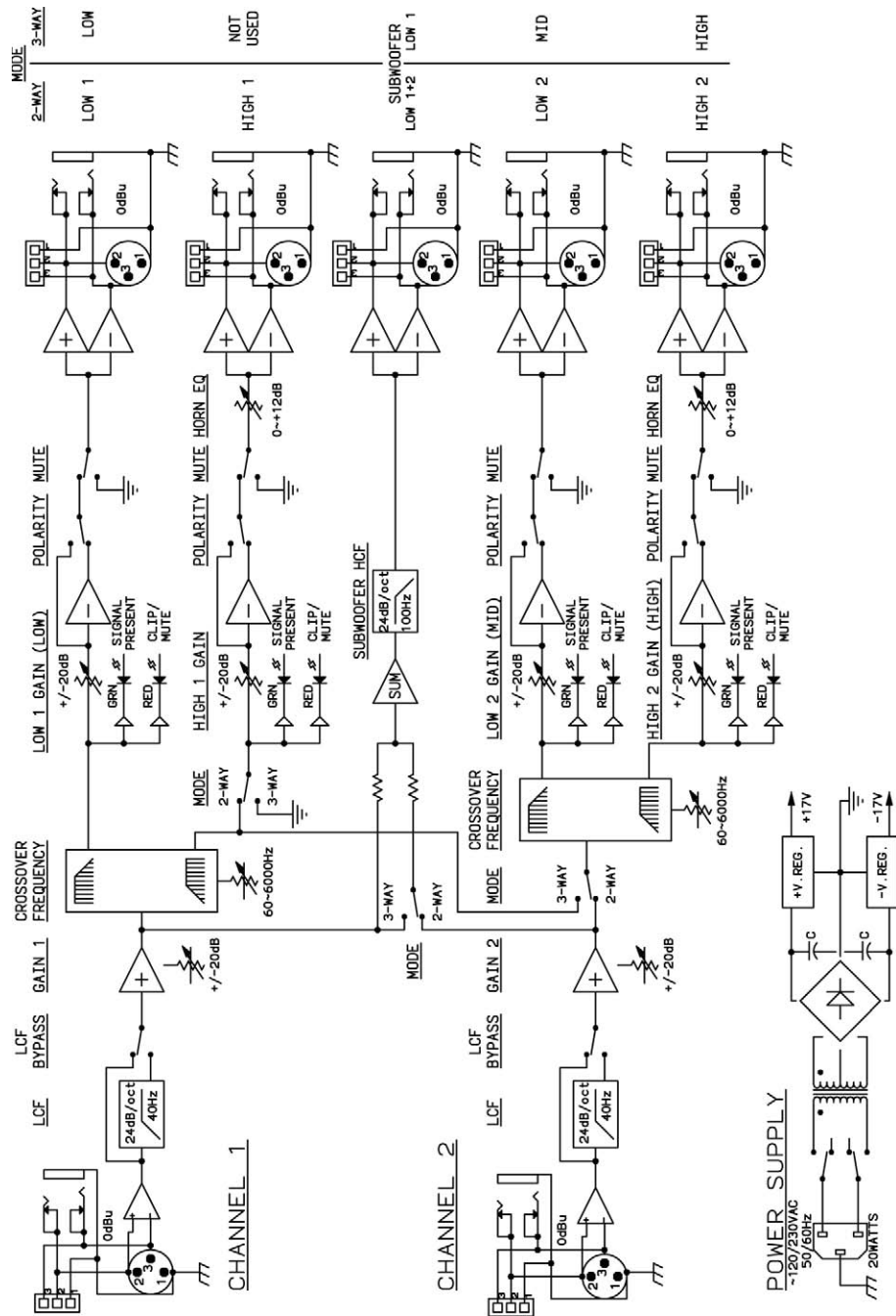
XLR Balanced (pin 2 positive)
TRS 1/4" phone jack Balanced
3-pin Euro connector

Power Requirements

Domestic 120 VAC 50/60 Hz, 15 W
International 230 VAC 50 Hz, 15 W

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

CPL-1288 Dual-channel compressor/limiter/expander

CPC-1234 2/3/4-way crossover

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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