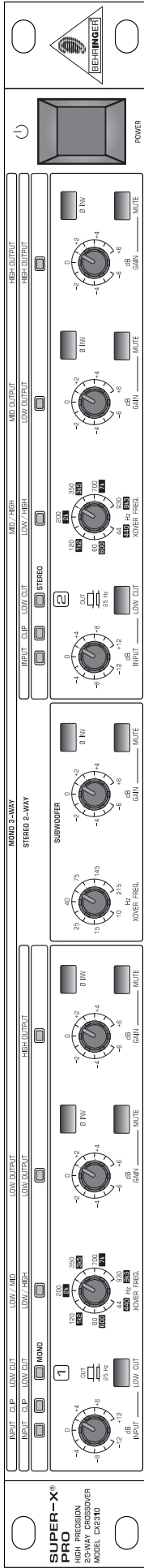


SUPER-X[®] PRO CX2310



Technical Specifications

Version 1.0 March 2001

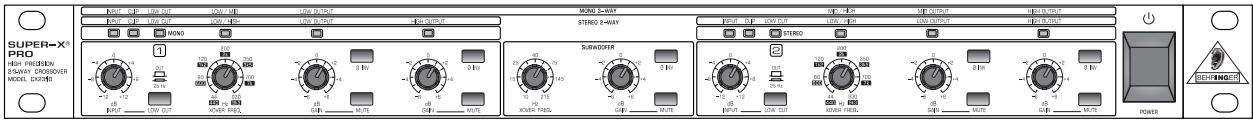
ENGLISH



www.behringer.com

SUPER-X[®] PRO

High-precision stereo 2-way/mono 3-way crossover with subwoofer output



- ▲ Professional, high-precision stereo 2-way/mono 3-way crossover with separate subwoofer output
- ▲ World-class performance 24 dB per octave Linkwitz-Riley filters
- ▲ Absolutely flat summed amplitude response, zero phase difference
- ▲ Separate subwoofer section with independent frequency control
- ▲ Individual output level controls for all bands
- ▲ Individual output mutes for easy band adjustment
- ▲ Individual phase reverse switches for instant phase correction
- ▲ Switchable 25 Hz subsonic filter on each input for low-frequency driver protection
- ▲ Servo-balanced, gold-plated XLR connectors for all inputs and outputs
- ▲ Ultra-high precision ALPS potentiometers for ultimate accuracy and repeatability
- ▲ Ultra low-noise audio operational 4580 amplifiers for outstanding sound performance
- ▲ Illuminated switches for secure operation in dark stage environments
- ▲ High-quality components and exceptionally rugged construction for long life and reliability
- ▲ Shielded toroidal mains transformer for minimal noise interference
- ▲ Manufactured under ISO9000 certified management system

CX2310

SPECIFICATIONS

INPUTS

Connectors	XLR
Type	Electronically servo-balanced, HF filtered
Impedance	balanced >50 kOhm, unbalanced >25 kOhm
Max. Input level	+22 dBu typical, balanced or unbalanced
CMRR	>40 dB, typical >55 dB at 1 kHz

OUTPUTS

Connectors	XLR
Type	Electronically servo-balanced, HF filtered
Impedance	balanced 60 Ohm, unbalanced 30 Ohm
Max. Output level	+20 dBm balanced/unbalanced

PERFORMANCE

Bandwidth	20 Hz to 20 kHz, +0/-0.5 dB	
Frequency response	<5 Hz to >60 kHz, +0/-3 dB	
Signal to noise	Ref.: +4 dBu, 20 Hz to 20 kHz, unweighted	
	Stereo-Mode:	Mono-Mode:
Low output	>93 dB	>93 dB
Mid output		>95 dB
High output	>91 dB	>91 dB
Interchannel crosstalk	High to Low:	<93 dB
	High to Mid:	<94 dB
	Mid to Low:	<95 dB

CROSSOVER

Filter-Type	Linkwitz-Riley, 24 dB/octave, state-variable	
Mono Mode Frequencies	x1	x10
Low/High	44 to 930 Hz	440 Hz to 9.3 kHz
Low/Mid	44 to 930 Hz	440 Hz to 9.3 kHz
Mid/High	440 Hz to 9.3 kHz	
Stereo Mode Frequencies	x1	x10
Low/High	44 to 930 Hz	440 Hz to 9.3 kHz

POWER SUPPLY

Mains voltage	USA/Canada	120 V ~, 60 Hz
	U.K./Australia	240 V ~, 50 Hz
	Europe	230 V ~, 50 Hz
	General Export Model	100 - 120 V ~, 200 - 240 V ~, 50 - 60 Hz
Power consumption	<17 W	
Fuse	UL	100 -120 V ~: T 630 mA H
	Europe	200 - 240 V ~: T 315 mA H
	JP	90 - 110 V ~: T 630 mA H
Mains connection	Standard IEC receptacle	

PHYSICAL/WEIGHT

Dimensions	approx. 1 ¾" (44.5 mm) * 19" (482.6 mm) * 8 ½" (217 mm)
Weight	approx. 3 kg

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