



## Technical Specifications



# SUPER-X PRO CX2310

High-Precision Stereo 2-Way/Mono 3-Way Crossover with Subwoofer Output

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## High-Precision Stereo 2-Way/Mono 3-Way Crossover with Subwoofer Output

- Professional stereo 2-way/mono 3-way crossover featuring state-of-the-art Linkwitz-Riley filters with 24 dB/octave
- Additional subwoofer output with independent Frequency control
- Absolutely flat summed amplitude response, zero phase difference
- Individual output Gain controls for all brands
- Individual output Mute switches for easy band adjustment
- Individual Phase reverse switches for instant phase correction
- Switchable 25 Hz Low cut filter on each input for low-frequency driver protection
- Servo-balanced and gold-plated XLR connectors for all inputs and outputs
- Ultra-high precision potentiometers for ultimate accuracy and repeatability
- Illuminated switches for secure operation in dark stage environments
- Shielded toroidal mains transformer for minimal noise interference
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany

## Specifications

### Input

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

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	
Low output	<b>Stereo-Mode:</b> >93 dB	<b>Mono-Mode:</b> >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

### Performance

Filter-Type	Linkwitz-Riley, 24 dB/octave, state-variable	
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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
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#### 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. 44.5 x 482.6 x 215 mm (1.75 x 19 x 8.5")
Net Weight	2.3 kg (5 lbs)
Shipping Weight	3.4 kg (7.5 lbs)

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