

X12

Full-Range Speaker/Monitor



- High Performance Loudspeaker/Stage Monitor
- 2-Way Internal passive processor
- 12" LF speaker and 1" HF compression driver
- 50° to 100° x 50° Rotatable, Tailored Dispersion
- 45 degrees monitor angle

OVERVIEW

These compact loudspeakers are designed for virtually any application where size is critical and high output and outstanding sonic performance are required.

Natural sounding music and intelligible speech are the result not only of a careful system design, but mainly the selection and matching of the components. To assure maximum performance and reliability, the X-Line incorporates only high quality speakers from one of the leading European loudspeakers manufacturer, B&C.

The constant directivity horns used in the full-range speakers are user-rotatable (except X212) to allow the multi-angle enclosures to be used in either their vertical or horizontal orientation, depending on the application. These versatile speakers work equally well as floor monitor, on tripod stands or as a flying system with a wide range of rigging points.

Like the rest of the family, Xs subwoofers are designed to provide the sound system operator total flexibility to deliver as much "kick" as the application demands. All are based around high power woofers and vented or band-pass, rigidly braced enclosures that delivers maximum efficiency and punch.

The cabinets are constructed using 11-ply birch plywood and finished in durable black semi-matt textured paint. Front and speakers protection is assured by an acoustically transparent power coated metal grille.

TECHNICAL SPECIFICATIONS

Technical Data

Speaker Type:	Passive High Performance Full-Range Speaker/Monitor
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Acoustical Data

Frequency Response (-6dB):	57Hz - 20.000Hz
Low Frequency Extension (-10dB):	50Hz
Sensitivity (1W@1m):	99dB (Full-Space)
Calculated Max. SPL (Cont/Peak):	127.5dB/133.5dB (Full-Space)
Coverage Angle -6dB (HxV):	50-100° x 50° rotatable, tailored dispersion technology

Drivers

Low Frequency:	1 x 12" (300mm)/3" (76mm) VC, B&C custom speaker
High Frequency:	1 x 1" (25mm) exit/1.7" (44mm) VC, B&C custom compression driver

Electrical Data

Program/Peak Power:	700W/1400W
Nominal Impedance:	8
Recommended Amplifier:	MA3200 / MA2300
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Crossover frequency/Type:	1650Hz/asymmetrical (internal)
Recommended High-Pass Filter:	46Hz, 18dB/oct Butterworth
Connectors:	2 x Neutrik NL4 parallel wired

Enclosure

Construction:	15mm multi-laminate birch ply
Monitor Angle:	45°
Finish:	Textured black semi-matte coating
Protective grill:	Black perforated steel
Fittings:	16 x M8 threaded inserts, 1 x 35mm pole mount socket
Handles:	1 on each side
Dimensions (WxHxD):	422 x 657 x 361 mm
Net Weight:	23.6 kg
Shipping Weight:	25.8 kg