

# 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              |
| 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  |