

High Output, self powered (class D switch mode power supply with PFC), constant curvature line array element. 12" LF speaker next to a custom Multidriver waveguide system. 128 dB SPL.

### Key features

- Class D Powered
- Integrated Digital Processing
- Internal temperature control
- Electronic protection
- FIR linear phase filtering
- Online monitoring available
- Two way active system

### Applications

- Live events
- Houses of worship
- Fixed installations
- Clubs
- Theatres
- Touring



### General description & specifications

The CXA-12 enclosure is a constant curvature line array element designed for multiple configurations, with a maximum of 4 enclosures.

The CXA-12 uses one 12" LF/MF speaker next to a custom Multidriver waveguide system. The enclosure is self-powered with a total of 1400W (Class D, witch mode power supply), with PFC system and DSP processor with linear phase FIR filters.

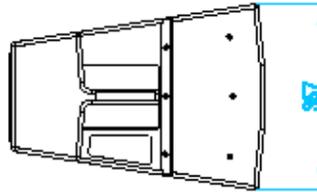
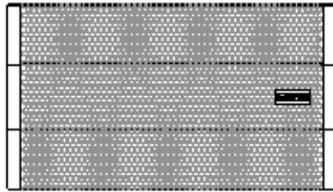
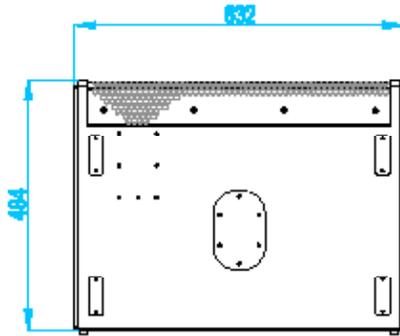
It is ideal for a wide variety of applications, its design allows you to configure installations with symmetrical dispersion or fly the boxes vertically. The enclosure has a complete range of accessories that facilitate its use both in touring as in fixed installations.

For low frequency support the CXA-18S subwoofer is also available, either to be flown or stacked with the CXA-12 without the need for any rigging accesories.

### Technical Data

|                            |  |
|----------------------------|--|
| <b>Components</b>          |  |
| • LF:                      | LF: 12", 2.5" voice coil, Malt Cross Cooling System  |
| • HF:                      | HF: custom Multidriver system with wave guide, 1.4" aluminium voice coil with titanium diaphragm       |
| <b>Frequency range</b>     | 60 Hz - 20 Hz (-10dB)  |
| <b>Frequency response</b>  | 70 Hz - 18 KHz (± 3dB)   |
| <b>Max SPL</b>             | 128 dB   |
| <b>Coverage angle</b>      | 100° H x 18° V   |
| <b>Power</b>               | 1400 W Class D with switching power supply & PFC<br>LF amplifier: 2 x 800 W<br>HF amplifier: 1 x 600 W |
| <b>Processing</b>          | Internal Lynx Processor DSPB-FL.<br>96 KHz / 64 bit double-precision, DSP with FIR filter linear phase |
| <b>Control</b>             | User control interface with 2.8" IPS screen  |
| <b>Control connections</b> | Ethernet (OCS) optional / USB (DSP programming)  |
| <b>Input</b>               | Analog / AES3 (optional)   |
| <b>AC Power</b>            | 90 – 264V. 50/60 Hz with PFC   |
| <b>AC Connectors</b>       | 16A Neutrik powercon true1 with looping output   |
| <b>Finish</b>              | Polyurea coating, high grade resistant paint   |
| <b>Material</b>            | 15 mm Premium birch plywood  |
| <b>Dimensions</b>          | 357 x 632 x 484 mm (H x W x D)   |
| <b>Weight</b>              | 31 Kg (68 lbs)   |

## Dimensional Drawing



## Accessories

|  |             |   |
|--|-------------|---|
|  | BALL-PSR6   | Ball pin with thread for CXA-12 and CXA-18S cabinets                        |
|  | SV-CXA      | Flying frame for the CXA-12 with a capacity for rigging of up to 6 cabinets |
|  | TU-C01      | 35mm connecting pole for satellite combination between sub units and CXA-12 |
|  | TU-C02      | M20 pole support combination between sub units and CXA-12 with safety lock  |
|  | SB-02       | 35mm lightweight aluminium stand for the CXA-12                             |
|  | FD-1CXA12NL | Rain cover for the back panel of the CXA-12                                 |
|  | FC-3CXA12   | Flight case to transport three CXA-12                                       |
|  | UBR-CXA12   | Ceiling Bracket for CXA-12  |
|  | ST-CXA12    | 0° stack adaptor for either the CXA-12 or the CXA-18S together with CXA-12  |