

High output, self powered (class D switch mode power supply with PFC), omni-directional subwoofer cabinet. 18" (4" ventilated voice coil) neodymium transducer. DSP controlled with 1400W amplification, 132dB SPL.



Key features

- Class D Powered
- Integrated Digital Processing
- Internal temperature control
- Electronic protection
- Online monitoring available

Applications

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

General description & specifications

High output, self powered (class D switch mode power supply with PFC), omni-directional subwoofer cabinet.

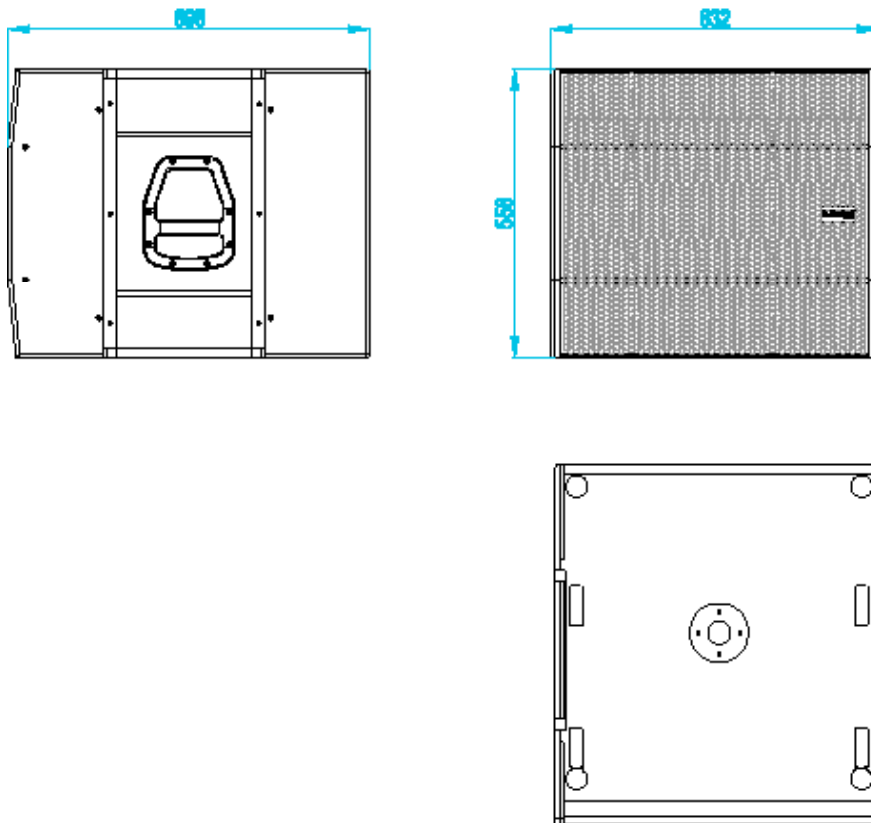
The CXA-18S is a self-powered subwoofer enclosure specially designed to reinforce the low frequencies of the CXA-12 linear array elements.

Consists of a 18" (4" ventilated voice coil) neodymium transducer. DSP controlled with 1400W amplification, 132dB SPL.


Technical Data

| | |
|----------------------------|--|
| Components | |
| • LF: | LF: 18", 4" voice coil, Neodymium magnet assembly |
| Frequency range | 30 Hz - 140 Hz (-10dB) |
| Frequency response | 35 Hz - 125 Hz (± 3dB) |
| Max SPL | 132 dB |
| Coverage angle | Omnidirectional |
| Power | 1400 W Class D with switching power supply & PFC LF amplifier: 1 x 1400 W |
| Processing | Internal Lynx Processor DSPB-FL. 96 KHz / 64 bit double-precision, DSP with FIR filter linear phase |
| Control | User control interface with 2.8" IPS screen |
| Control connections | Ethernet (OCS) optional / USB (DSP programming) |
| Input | Analog / AES3 (optional) |
| AC Power | 90 - 264V. 50/60 Hz with PFC |
| AC Connectors | 16A Neutrik powercon true1 with looping output |
| Finish | Polyurea coating, high grade resistant paint |
| Material | 18 mm Premium birch plywood |
| Dimensions | 556 x 632 x 696 mm (H x W x D) |
| Weight | 45 Kg (99 lbs) |

Dimensional Drawing



Accessories

| | | |
|---|---------------------|--|
|  | BALL-PSR6 | Ball pin with thread for CXA-12 and CXA-18S cabinets |
|  | SV-CXA | Flying frame for the CXA-18S with a capacity for rigging of up to 4 cabinets |
|  | GR-18WKIT | Four wheel kit |
|  | FD-1CXA18SNL | Rain cover for the back panel of the CXA-18S |
|  | FC-3CXA18S | Flight case to transport three CXA-18S |