

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.

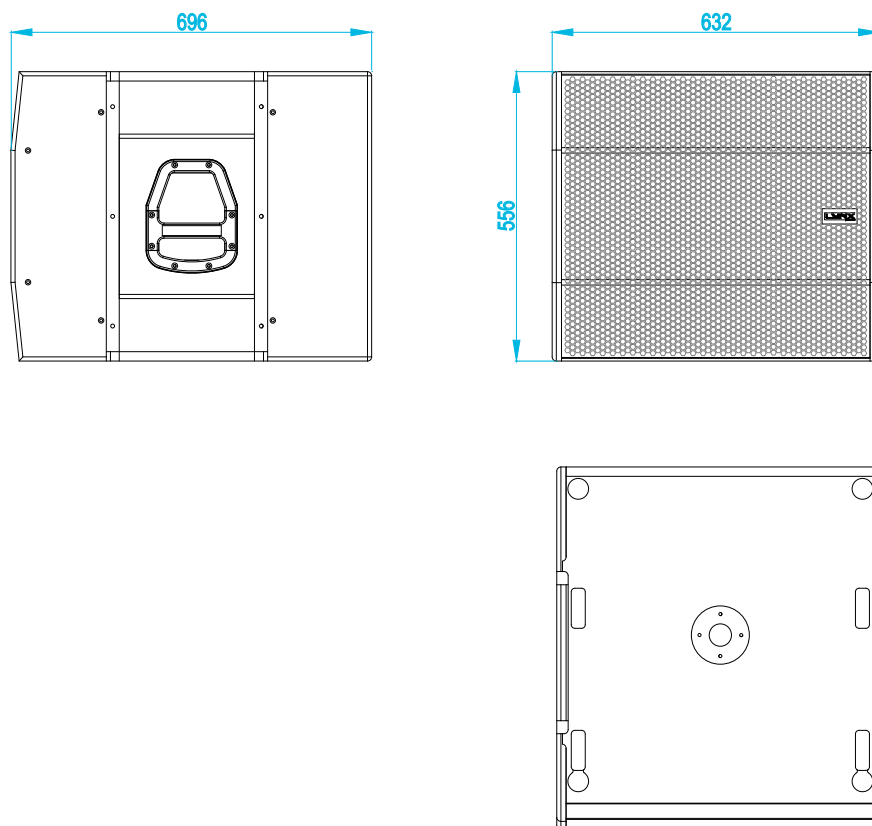
The CXA-18S is a self-powered subwoofer enclosure specially designed to reinforce the low frequencies of the CXA-12 linear array elements.

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






### Technical Data

<b>Components</b>	
• LF:	LF: 18", 4" voice coil, Neodymium magnet assembly
<b>Frequency range</b>	30 Hz - 140 Hz (-10dB)
<b>Frequency response</b>	35 Hz - 125 Hz (± 3dB)
<b>Max SPL</b>	132 dB
<b>Coverage angle</b>	Omnidirectional
<b>Power</b>	1400 W Class D with switching power supply & PFC LF amplifier: 1 x 1400 W
<b>Processing</b>	Internal Lynx Processor DSPB-FL. 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) / 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>	18 mm Premium birch plywood
<b>Dimensions</b>	556 x 632 x 696 mm (H x W x D)
<b>Weight</b>	45 Kg (99 lbs)

## Dimensional Drawing



## Accessories

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