Self-powered subwoofer enclosure in class D and equipped with 2 x 18 "speakers (4" coil). 4000 W amplifier controlled by DSP, offering 136 dB SPL peak.

Key features

- 4000W Class D Powered
- Integrated Digital Processing
- Internal temperature control
- Electronic protection
- Online monitoring available

Applications

- Fixed installations
- Houses of worship
- Touring

- Clubs
- Theatres
- Live PA

General description & specifications

The LAIA-218S enclosure is a high-performance subwoofer that offers an ideal solution for a wide variety of applications, both indoors and outdoors, perfectly complementing the LINE ARRAY systems in its series.

LAIA-218S is a self-powered subwoofer with a total of 4000 W in class D, universal switching power supply and a PFC system for better optimization of input voltage and current and lower consumption. Equipped with a powerful next-generation

64-bit/96KHz DSP designed and manufactured by Lynx Pro Audio, it offers the most recent advances in digital processing. The latest 32-bit/96KHZ AD/DA converters make the system one of the most advanced and innovative acoustic enclosures on the market, resulting in superior sound quality.

Additionally, LAIA series systems can be controlled remotely using the OCS control platform, giving the user the ability to control the systems without the need of external processors.

Technical Data

Components	
• LF:	2 x 18", 4" voice coil
Frequency range	30 Hz - 120 Hz (-10 dB)
Frequency response	35 Hz - 100 Hz (± 3dB)
Max SPL	136 dB / 142 dB Peak
Coverage	Omnidirectional
Power	4000 W Class D with switching power supply & PFC, 2 x 2000 W
DSP Processing	96 KHz / 64 bit double-precision
Control	User control interface
Control connections	USB (DSP updating) / Ethernet (OCS)
Input	Analog
AC power	90 – 264V. 50/60 Hz with PFC
AC connections	16A Neutrik powerCon true1 TOP with looping output
Finish	Polyurea coating, high grade resistant paint
Material	18 mm Premium birch plywood
Dimensions	605 x 1205 x 725 mm (H x W x D)
Weight	98 Kg (216.05 lbs)

Dimensional Drawing