

Ultra compact, self powered (class D switch mode power supply), line array element. It consists of a 2 x 6" (2" voice coil) transducer with 1" exit throat driver with waveguide system delivering 100°H x 8°V precise coverage. DSP (FIR technology) controlled with 1200W amplification, 130 dB peak.



Key features

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

Applications

- Outdoor events
- Theatres
- Frontfill/downfill
- Auditoriums
- Indoor live PA
- Houses of worship

General description & specifications

The LAIA-26 enclosure is a ultra compact format Line Array module that offers an ideal solution for a wide variety of indoor and outdoor applications where a compact, practical and reliable Line Array system is required.

LAIA-26 is a self-powered 2-way system with a total of 1200W in class D, universal switching power supply. 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, such as FIR filters, which offer linear frequency and phase response. The latest 32-bit/96KHZ AD/DA converters make the system one of the most advanced and innovative line arrays 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 for external processors.

Technical Data

Components	
• LF:	2 x 6", 2" voice coil, waterproof treatment
• HF:	1 x 1" exit throat 1.75" voice coil
Frequency range	75 Hz - 20 KHz (-10 dB)
Frequency response	85 Hz - 18 KHz (± 3dB)
Max SPL	124dB / 130 dB Peak*
Coverage	100° H x 8 ° V
Power	1200 W (2400 W peak) Class D with switching power supply LF amplifier: 1 x 800 W RMS, 1600 W peak HF amplifier: 1 x 400 W RMS, 800 W peak
DSP Processing	DSP Lite 96 KHz / 64 bit double-precision
Control	User control interface
Control connections	USB (DSP programming) / Dual Ethernet port
Input	Analog BAL/UNBAL XLR
AC power	90 – 264V. 50/60 Hz
AC connections	16A Neutrik powerCon true1 TOP with looping output
Finish	Polyurea coating, high grade resistant paint
Material	15 mm Premium plywood
Dimensions	181 x 549 x 356.8 mm (H x W x D) without pins
Weight	15 Kg (33.07 lbs)

* Calculated maximum SPL based on rated peak power and measured sensitivity

Dimensions

