



CULTURE OF SOUND



# LAIA SERIES CATALOGUE

LATEST EDITION



# LAIA Series

## NEW COMPACT AND POWERFUL ARRAY

Introducing the new LAIA series, comprising of one two-way (dual 8") Line Array module and one dual 18" sub-woofer, both self-powered with integrated DSP and offering an ideal solution for a wide variety of indoor and outdoor applications where a compact, practical and reliable Line Array system is required.

Special care has been taken to design a first-class line array delivering superior sound quality and ease of use for rental applications during set-up.

Select components include tetracoil technology that allows the inductance to be linearized and provides the perfect balance between the driver and the ultra linear suspension, allowing a very high excursion and extreme precision in the mid-band with the lowest intermodulation distortion on the professional market.

✔ Touring

✔ Theatres

✔ Large stadiums / arenas

✔ Houses of worship

✔ Fixed installations

✔ Live events

Class D amplified, with 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, 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.

## LAIA-28



Self-powered, class D line array enclosure. Two-way system equipped with two 8" speakers (2" tetracoil) and a 1.4" compression driver coupled to a 100°H x 10° V waveguide. Bi-amplified enclosure that offers high levels of power from a compact system.

<b>Components</b>	LF: 2 x 8" (2" voice coil), Tetracoil ultra linear motor HF: 1 x 1.4" exit throat, (3" voice coil) with titanium diaphragm
<b>Max SPL</b>	130 dB / 136 peak
<b>Coverage</b>	100° H x 10° V
<b>DSP Processing</b>	96 KHz / 64 bit double-precision, DSP with FIR filters
<b>Power</b>	1200 W Class D with switching power supply & PFC
<b>Control</b>	User control interface
<b>Control connection</b>	Ethernet (OCS) / USB (DSP updating)
<b>Dimensions</b>	248 x 279 x 645 mm (H x W x D) without pins
<b>Weight</b>	25 kg (68.2 lbs)

## LAIA-218S



Self-powered subwoofer enclosure in class D and equipped with 2 x 18" speakers (4" coil). 4000 W amplifier controlled by DSP, offering 142 dB SPL peak.

<b>Components</b>	2 x 18", 4" voice coil
<b>Max SPL</b>	136 dB / 142 dB peak
<b>Coverage</b>	Omnidirectional
<b>DSP Processing</b>	96 KHz / 64 bit double-precision
<b>Power</b>	4000 W Class D with switching power supply & PFC, 2 x 2000 W
<b>Control</b>	User control interface
<b>Control connection</b>	Ethernet (OCS) / USB (DSP updating)
<b>Dimensions</b>	605 x 1205 x 725 mm (H x W x D)
<b>Weight</b>	98 kg (202 lbs)





# LYNX

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[www.lynxproaudio.com](http://www.lynxproaudio.com)