



CULTURE OF SOUND



LAIA SERIES CATALOGUE

LATEST EDITION

LAIA Series

NEW COMPACT AND POWERFUL ARRAY

Introducing the new LAIA series, an expanded range comprising three high-performance line array modules LAIA-210, LAIA-28 and LAIA-26, the versatile LAIA-12 point source cabinet and two powerful subwoofers LAIA-18S and LAIA-218S. All systems are self-powered with integrated DSP, offering an ideal solution for a wide variety of indoor and outdoor applications where a compact, practical and reliable system is required. This professional system provides a versatile choice for everything from ultra-compact setups to high-output configurations, ensuring precise coverage and superior sonic clarity across the entire range.

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

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.

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.

Crafted with attention to detail, a series of accessories are available specially designed for this series, including a 3-point flying system together with stack system. The system can also be mounted and angled in the rest position, which makes it extremely easy to configure without having to lift each enclosure individually.

✔ Touring

✔ Theatres

✔ Large stadiums | arenas

✔ Houses of worship

✔ Fixed installations

✔ Live events

LAIA-210



High Output, self powered (class D switch mode power supply with PFC), line array element. It consists of a 2 x 10" (2" voice coil) transducer with 1.4" exit throat driver with waveguide system delivering 100°H x 10°V precise coverage. DSP (FIR technology) controlled with 2000W amplification, 138 dB peak.

Components	LF: 2 x 10", 2" voice coil, Tetracoil ultra linear motor HF: 1 x 1.4" exit throat, (3" voice coil) with titanium diaphragm
Max SPL	132dB / 138dB Peak
Coverage	100° H x 10 ° V
DSP Processing	96 KHz / 64 bit double-precision
Power	2000 W (4000 W Peak) Class D with switching power supply & PFC LF amplifier: 1 x 1600 W RMS, 1600 W peak HF amplifier: 1 x 400 W RMS, 800 W peak
Control	User control interface with 2.8" IPS screen and multifunction joystick controller
Control connection	USB (DSP programming) / Dual Ethernet port
Dimensions	303 x 749 x 473 mm (H x W x D) without pins
Weight	30 Kg (66.13 lbs)

LAIA-28



The LAIA-28 is an ultra-compact, high-performance self-powered line array. It features a total of 1200 W Class-D amplification. It consists of dual 8" (2" voice coil) high-performance transducers and a 1.4" exit throat driver with a waveguide system providing precise 100°H x 8°V coverage. It achieves an impressive 133 dB peak SPL.

Components	LF: 2 x 8" (2" voice coil), Tetracoil ultra linear motor HF: 1 x 1.4" exit throat, (3" voice coil) with titanium diaphragm
Max SPL	130 dB / 136 Peak
Coverage	100° H x 10 ° V
DSP Processing	96 KHz / 64 bit double-precision, DSP with FIR filters
Power	1200 W Class D with switching power supply & PFC
Control	User control interface with 2.8" IPS screen and multifunction joystick controller
Control connection	USB (DSP programming) / Dual Ethernet port
Dimensions	247 x 600 x 444 mm (H x W x D) without pins
Weight	25 kg (55.12 lbs)

LAIA-26



LAIA-26: ultra-compact, self-powered line array element

The LAIA-26 is an ultra-compact, self-powered line array element designed to deliver high performance in a discreet format. It consists of a 2 x 6" (2" voice coil) transducer and a 1" exit throat driver with a waveguide system providing precise 100°H x 8°V coverage.

Components	LF: 2 x 6", 2" voice coil, waterproof treatment HF: 1 x 1" exit throat 1.75" voice coil
Max SPL	124dB / 130 dB Peak
Coverage	100° H x 8 ° V
DSP Processing	DSP Lite 96 KHz / 64 bit double-precision
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
Control	User control interface
Control connection	USB (DSP programming) / Dual Ethernet port
Dimensions	181 x 549 x 356.8 mm (H x W x D) without pins
Weight	15 Kg (33.07lbs)

LAIA-12



The LAIA-12 is a medium-format, multi-purpose, and powerful self-powered point source system. It features 1200 W Class-D bi-amplification. It consists of a 12" (3" voice coil) high-performance transducer and a 1" exit throat driver providing precise 90°H x 60°V coverage. It delivers a 132 dB peak SPL

Components	LF: 12", 3" voice coil, waterproof treatment for both sides HF: 1 x 1" exit throat 1.75" voice coil
Max SPL	126 dB / 132 dB Peak
Coverage	90° H x 60 ° V
DSP Processing	96 KHz / 64 bit double-precision
Power	1200 W Class D (2400 W Peak) with switching power supply LF amplifier: 1 x 800 W, 1600 W Peak HF amplifier: 1 x 400 W, 800 W Peak
Control	User control interface with 2.8" IPS screen and multifunction joystick controller
Control connection	USB (DSP programming) / Dual Ethernet port
Dimensions	645 x 370 x 379mm (H x W x D)
Weight	25 Kg (55.12 lbs)

LAIA-18S



The LAIA-18S is a high-performance, extremely powerful sub-bass element designed to complement both Point Source and Line Array systems. Compact and advanced, this self-powered unit features 1200 W Class-D amplification. It delivers 138 dB peak SPL.

Components	18", 4" voice coil
Max SPL	132 dB / 138 dB Peak
Coverage	Omnidirectional
DSP Processing	96 KHz / 64 bit double-precision
Power	1200 W (2400 W Peak) Class D with switching power supply
Control	User control interface with 2.8" IPS screen and multifunction joystick controller
Control connection	USB (DSP programming) / Dual Ethernet port
Dimensions	705 x 606 x 729 mm (H x W x D)
Weight	55 Kg (121.25 lbs)

LAIA-218S



The LAIA-218S is a high-performance, dual 18" self-powered subwoofer designed to provide an ideal low-frequency solution for both indoor and outdoor applications. Extremely powerful, this unit features a total of 4000 W Class-D amplification controlled by DSP, offering 142 dB SPL peak.

Components	2 x 18", 4" voice coil
Max SPL	136 dB / 142 dB Peak
Coverage	Omnidirectional
DSP Processing	96 KHz / 64 bit double-precision
Power	4000 W Class D with switching power supply & PFC, 2 x 2000 W
Control	User control interface with 2.8" IPS screen and multifunction joystick controller
Control connection	USB (DSP programming) / Dual Ethernet port
Dimensions	605 x 1205 x 725 mm (H x W x D)
Weight	98 kg (216.05 lbs)

ACCESSORIES LAIA SERIES

LAIA-210	SV-LAIA28 Flying frame 	ST-SVLAIA/M20 Kit to connect 	ST-LAIAKIT 4 x ground stack stabilisers 
	CA-LAIA28 Transport dolly 	FD-LAIA28NL Rain cover 	FC-4LAIA28 Flight case to transport 4 units 

LAIA-28	SV-LAIA28 Flying frame 	ST-SVLAIA/M20 Kit to connect 	ST-LAIAKIT 4 x ground stack stabilisers 
	CA-LAIA28 Transport dolly 	FD-LAIA28NL Rain cover 	FC-4LAIA28 Flight case to transport 4 units 

LAIA-26	SV-LAIA28 Flying frame 	ST-SVLAIA/M20 Kit to connect 	ST-LAIAKIT 4 x ground stack stabilisers 
	CA-LAIA28 Transport dolly 	FD-LAIA28NL Rain cover 	FC-4LAIA28 Flight case to transport 4 units 

LAIA-12	SV-LAIA28 Flying frame 	ST-SVLAIA/M20 Kit to connect 	ST-LAIAKIT 4 x ground stack stabilisers 
	CA-LAIA28 Transport dolly 	FD-LAIA28NL Rain cover 	FC-4LAIA28 Flight case to transport 4 units 

LAIA-18S	SV-LAIA28 Flying frame 	ST-SVLAIA/M20 Kit to connect 	ST-LAIAKIT 4 x ground stack stabilisers 
	CA-LAIA28 Transport dolly 	FD-LAIA28NL Rain cover 	FC-4LAIA28 Flight case to transport 4 units 

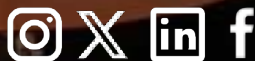
LAIA-218S	SV-LAIA28 Flying frame 	ST-SVLAIA/M20 Kit to connect 	ST-LAIAKIT 4 x ground stack stabilisers 	CA-LAIA218S Transport dolly 
	FD-LAIA218S Nylon protection 	FD-LAIA218SNL Rain cover 	GR-18WKIT Four wheel kit 	



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