LAIA- 18SP

Compact & extremely powerful bass reflex, direct radiation subwoofer, 18” (4” voice coil) 138 dB peak.

Key features

- Extraordinary high power output
- Ergonomic design in premium birch plywood & finished in polyurea
- Stackable standard and/or cardioid configuration

Applications

- Fixed installations
- Houses of worship
- Touring
- Clubs
- Theatres
- Live PA

General description & specifications

The LAIA-18SP enclosure is a high-performance subwoofer that offers an ideal solution for a wide variety of applications, both indoors and outdoors, perfectly complementing the POINT SOURCE series, LINE ARRAY systems in its series.

Designed to be used either as a standard sub bass unit or easily configurable in cardioid configuration thanks to integrated front & rear power connectors enable a discreet installation without any cables visible at the front of the cluster.

The extra strong, especially designed internal wooden reinforcements reduce unwanted vibrations eliminating any noise, lowering distortion and delivering a clear sound. At the same time, the bass port is designed with a flare to eliminate any turbulence caused by sharp edges in the sound waves path.

Depending on the configuration, the system is amplified with the GTX Series, 4-channel, extremely high power level amplifiers with outstanding, high efficiency.

They come equipped with a quality FIR-DSP with high performance 96kHz DSP processing and a large IPS display with a touch panel user interface.

Advanced Audio Power Control Management has been implemented in the design of the GTX series. This enables the user to configure the division of power between the channels via the DSP enabling them to obtain maximum power through just one single channel if desired.

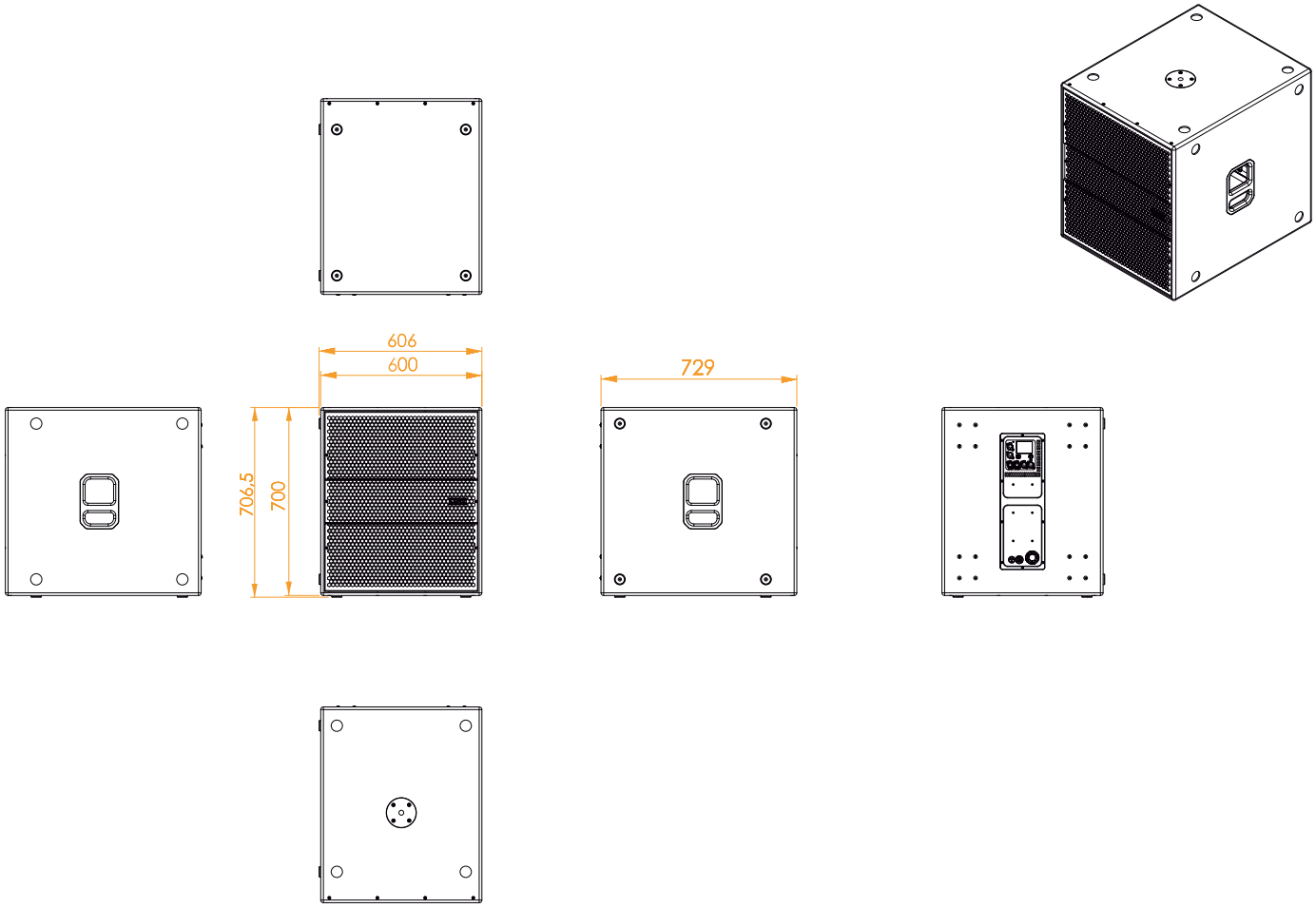
The enclosure is made from premium grade birch plywood and finished with a polyurea coating for longer durability & weather protection. It also has a number of dedicated accessories.

Technical Data

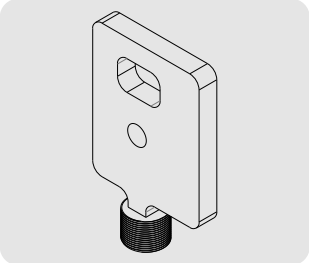
Components	
• LF:	18”, 4” voice coil
Frequency range	30 Hz - 120 Hz (-10 dB)
Frequency response	35 Hz - 100 Hz (± 3dB)
Sensitivity	96 dB
Max SPL	132 dB / 138 dB Peak*
Coverage	Omnidirectional
Connectors	2 x Neutrik Speakon NL4MP rear
Power	1000 W (2000 W program, 4000 W peak)
Impedance	4 Ω
Finish	Polyurea coating, high grade resistant paint
Material	15 mm Premium birch plywood
Dimensions	705 x 606 x 729 mm (H x W x D)
Weight	52 Kg (114.64 lbs)

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

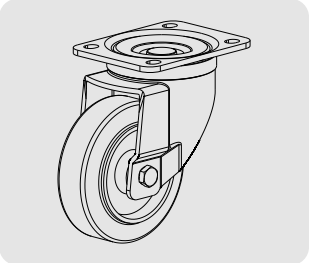
Dimensions



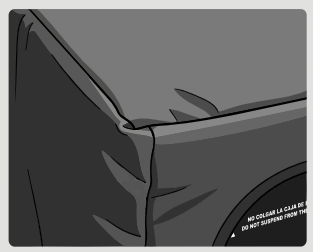
Hardware & accessories



• ST-SVCLS/M20
Kit for mounting the SV-LAIA28/LAIA210 flying frame in ground-stack configuration on LAIA-218SP/LAIA-18SP subwoofers.



• GR-18WKIT
Four castors and bases for transportation of the LAIA-218SP and LAIA-18SP.



• FD-LAIA18S
Nylon cover for 1 LAIA-18SP

About the rain hood

This rain hood is crafted to provide effective protection against regular rainfall. However, it is important to note that it is not engineered to serve as a waterproof barrier in extreme weather conditions. For severe storms or heavy downpours, we recommend additional protective gear to ensure complete waterproofing.