

# BASSO2121-A

Dual-21" Multipurpose & Touring Active Subwoofer



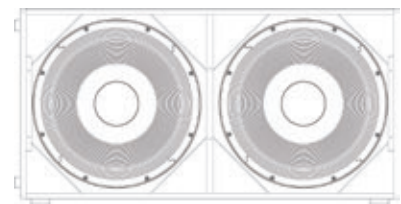
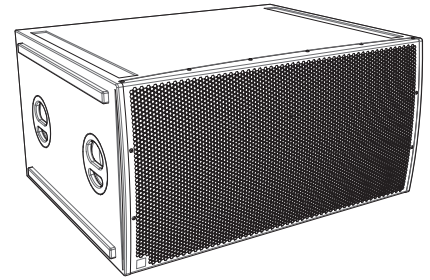
QuickStart Guide

**BASSO2121-A** is classic design dual 21" Direct Radiation subwoofer that meets all the expectations for Touring and large venues and High-SPL applications.

This active subwoofer features an integrated amp module capable of handling up to 3.2 kW and provides a linear response typical of subwoofers with both deep low frequency response and excellent impulse and transient definition. Thanks to a carefully designed and tuned cabinet and eight symmetrical front-firing ports that allow for extremely linear excursion of woofers, maximizing their SPL response and minimizing mechanical noises and distortion.

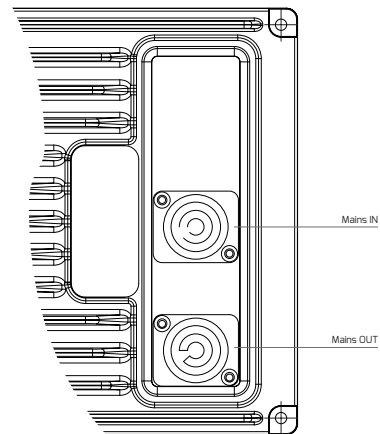
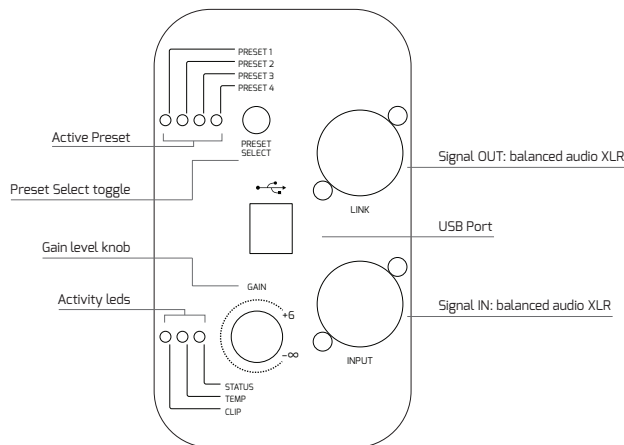
A high-end 24bit @ 48kHz AD/DA integrated DSP board allows for quick and precise adjustments thanks to advanced limiters and FIR filters and 4 selectable Set-up presets.

Like All IDEA Loudspeakers **BASSO2121-A** is built with the necessary structural strength and finish quality required for durable touring use. The high quality 18 mm birch plywood enclosure coated with IDEA Aquaforce custom paint solution and a 2-mm steel front grille.



## DSP AND POWER MODULE

**BASSO2121-A** features an integrated 3.2 kW Class-D power module equipped with PowerCON 32A Mains connectors and XLR balanced audio signal connectors allowing for a simple, straightforward power and audio linking of the array elements.



## PRELOADED SELECTABLE PRESETS

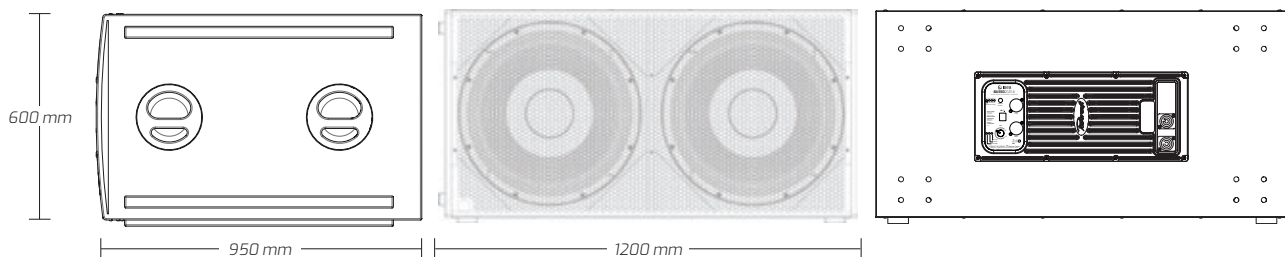
The 24-bit high-resolution integrated DSP board allows for easy access to four preloaded presets, just toggling the press-button PRESET SELECT in the back control panel. The active preset will be indicated by the active led above its number.

- PRESET 1: LPF @90 Hz
- PRESET 2: LPF @100 Hz
- PRESET 3: LPF @125 Hz
- PRESET 4: LPF @150 Hz

## TECHNICAL DATA

<b>Enclosure design</b>	Bass Reflex
<b>Transducers</b>	2 x 21"
<b>Class D Amp Continuous Power</b>	4 kW
<b>DSP</b>	24bit @ 48kHz AD/DA 4 selectable active LPF cuts
<b>SPL (Continuous/Peak)</b>	136/142 dB SPL
<b>Frequency Range (-10 dB)</b>	20 - 80/95/120 Hz
<b>Frequency Range (-3 dB)</b>	24 - 60/75/100 Hz
<b>Dimensions (WxHxD)</b>	1200 x 600 x 950 mm (47.2 x 23.6 x 37.4 in)
<b>Weight</b>	134.5 kg (296.52 lb)
<b>Audio Signal Connectors</b>	
<b>Input</b>	XLR
<b>Output</b>	XLR
<b>AC Connectors</b>	2 x Neutrik PowerCON® (I/O)
<b>Cabinet Construction</b>	18 mm Plywood
<b>Grille</b>	2 mm perforated weatherised steel with protective foam
<b>Finish</b>	Durable IDEA proprietary Aquaforce paint coating process
<b>Handles</b>	4 integrated handles
<b>Feet/Skates</b>	4 skates (H/V)
<b>Installation</b>	36 mm Pole mount socket (H/V)
<b>Accessories</b>	35 mm Pole (K&M-21336) Wheels (WH-04)

## TECHNICAL DRAWINGS



## WARNINGS AND SAFETY GUIDELINES



- Read this document thoroughly, follow all safety warnings and keep it for future reference.
- The exclamation mark inside a triangle indicates that whatever repairing and component replacement operations must be done by qualified and authorized personnel.
- No user serviceable parts inside.
- Only use accessories tested and approved by IDEA and supplied by the manufacturer or an authorized dealer.
- Installations, rigging and suspension operations must be done by qualified personnel.



- This is a Class I device. Do not remove Mains connector ground.
- Only use accessories specified by IDEA, complying with maximum loads specifications and following local safety regulations.



- Read the specifications and connection instructions before proceeding to connect the system and use only cabling supplied or recommended by IDEA. Connection of the system should be done by qualified personnel.
- Professional sound reinforcement systems can deliver high SPL levels that may result in hearing damage. Do not stand close to the system while in use.



- Loudspeakers produce magnetic field even while they are not in use or even when disconnected. Do not place or expose loudspeakers to any device that is sensitive to magnetic fields such as television monitors or data storage magnetic material.
- Keep the equipment in the safe working temperature range [0°-45°] at all times.
- Disconnect the equipment during lightning storms and when it is not to be used for a long time.
- Do not expose this device to rain or moisture.
- Do not place any objects containing liquids, such as bottles or glasses, on the top of the unit. Do not splash liquids on the unit.
- Clean with a wet cloth. Do not use solvent-based cleaners.
- Regularly check the loudspeaker housings and accessories for visible signs of wear and tear, and replace them when necessary.
- Refer all servicing to qualified service personnel.



- This symbol on the product indicates that this product should not be treated as household waste. Follow local regulation for recycling of electronic devices.
- IDEA declines any responsibility from misuse that may result in malfunction or damage of the equipment.

## WARRANTY

- All IDEA products are guaranteed against any manufacturing defect for a period of 5 years from date of purchase for acoustical parts and 2 years from date of purchase for electronic devices.
- The guarantee excludes damage from incorrect use of the product.
- Any guarantee repair, replacement and servicing must be exclusively done by the factory or any of authorized service centres.
- Do not open or intend to repair the product; otherwise servicing and replacement will not be applicable for guarantee repair.
- Return the damaged unit, at shipper's risk and freight prepaid, to the nearest service centre with a copy of the purchase invoice in order to claim guarantee service or replacement.

## DECLARATION OF CONFORMITY

*I MAS D Electroacústica SL*

*Pol. A Trabe 19-20 15350 CEDEIRA (Galicia - Spain)*

*Declares that: BASSO2121-A*

*Complies with the following EU Directives:*

*RoHS (2002/95/CE) Restriction of Hazardous Substances*

*LVD (2006/95/CE) Low Voltage Directive*

*EMC (2004/108/CE) Electro-Magnetic Compatibility*

*WEEE (2002/96/CE) Waste of Electric and Electronic Equipment*

*EN 60065: 2002 Audio, video and similar electronic apparatus. Safety requirements.*

*EN 55103-1: 1996 Electromagnetic compatibility: Emission*

*EN 55103-2: 1996 Electromagnetic compatibility: Immunity*



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



For further information scan the QR Code  
or refer to the following web address: [www.ideaproaudio.com/product-detail/basso2121-a](http://www.ideaproaudio.com/product-detail/basso2121-a)

IDEA is always in pursuit of better performance, greater reliability and design features.  
Technical specifications and minor finish details may vary without notice in order to improve our products.

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