

BASSO2121t

Dual 21" High Performance Band-Pass Touring Subwoofer



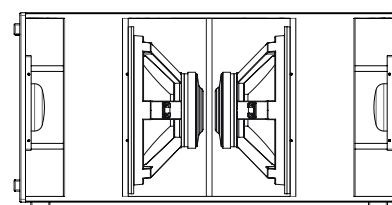
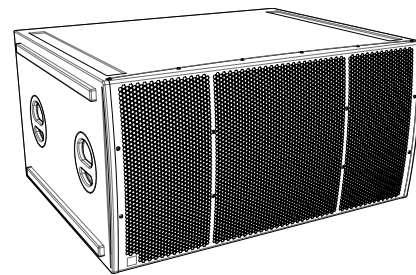
QuickStart Guide

The goal of **BASSO2121t** is to bring that world-class touring subwoofer performance in a package equivalent in size, weight and set-up requirements to most standard dual 18" subwoofers available in the market today, providing tour sound companies with a cost-effective solution for professional touring set-ups and top subwoofer performance for sound productions and installations of any size, complexity and budget.

BASSO2121t mounts IDEA 21" woofers, with 4" dual voice coils, 1400 W power in a 5th order band-pass cabinet built, like all IDEA models, with the necessary structural strength and finish quality required for durable touring use. The high quality 18 mm birch plywood enclosure covered with IDEA Aquaforce custom paint solution and a 2-mm steel front grill will keep your equipment safe and brand new after hours of heavy touring.

BASSO Series models allow the user to choose the most adequate subwoofer for any given situation from within a family of products with common finish, design solutions and performance philosophy as well as shared rigging and transport accessories.

BASSO2121t features four integrated handles, two skates for safe stacking and a 35 mm Pole mount socket. Optional rugged, durable wheels kit is available.

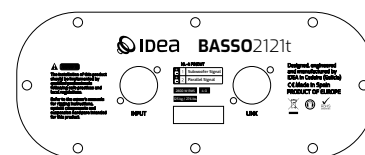


SYSTEM CONFIGURATION AND SETTINGS

BASSO2121t back panel is fitted with a pair of Neutrik NL-4 connectors in parallel for straightforward, flexible installation setup.

NL-4 PINOUT:

+/- 1	Subwoofer Signal
+/- 2	Parallel Signal



RECOMMENDED SETTINGS

LPF@ 80 Hz

Type	Freq	Q	Gain
Bell	73 Hz	6.2	5.40
Bell	61 Hz	5.0	-1.00
HPF:	31 Hz	Butterworth 18dB	
LPF:	60 Hz	Butterworth 24dB	

LPF@ 120 Hz

Type	Freq	Q	Gain
Bell	65 Hz	5.5	-1.50
HPF:	31 Hz	Butterworth 18dB	
LPF:	80 Hz	Butterworth 24dB	

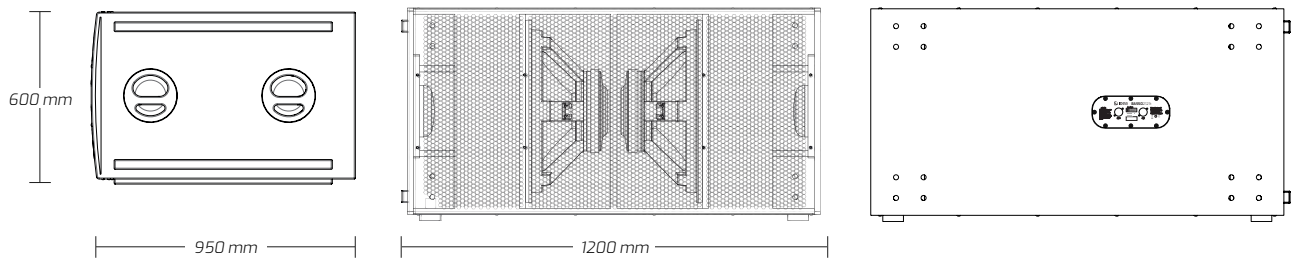
LPF@ 150 Hz

Type	Freq	Q	Gain
Bell	83 Hz	3.4	-2.80
HPF:	31 Hz	Butterworth 18dB	
LPF:	97 Hz	Butterworth 18dB	

TECHNICAL DATA

Enclosure design	Symmetrical Air mass Loading 5th order Band-Pass
Transducers	2 x 21"
RMS Power Handling *	2.8 kW
Nominal Impedance	4 Ohm
SPL (Continuous/Peak)	130/136 dB SPL
Frequency Range (-10 dB)	31 - 80/100/120 Hz
Frequency Range (-3 dB)	40 - 65/80/100 Hz
Dimensions (WxHxD)	1200 x 600 x 950 mm (47,2 x 23,6 x 37,4 inch)
Weight	125 kg (275,5 lbs)
Connectors	2 x Neutrik speakON® NL-4 in Parallel
+/-1	Input
+/-2	Link
Cabinet Construction	18 mm Plywood
Grille	2 mm perforated weatherised steel with protective foam
Finish	Durable IDEA proprietary Aquaforce paint coating process
Handles	4 integrated handles
Feet/Skates	4 skates (V/H)
Installation	36 mm Pole mount socket (H/V)
Accessories	35 mm Pole (K&M-21338) 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.

- 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.



- Loudspeaker 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.

- 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.

- IDEIA 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: BASS02121t

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



For further information scan the QR Code
or refer to the following web address: www.ideaproaudio.com/basso2121t

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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