

BASSO24t-A

Dual-12" High Performance Band-Pass Active Subwoofer



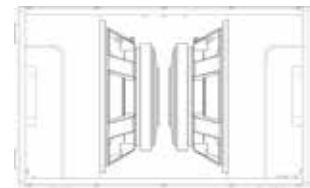
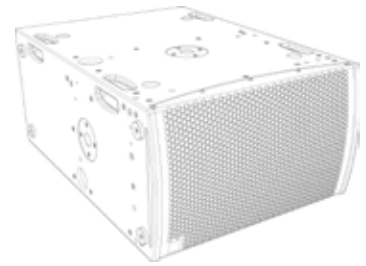
QuickStart Guide

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.

BASSO24t-A is dual 12" band-pass subwoofer that integrates a Class-D 3 kW and 24-bit DSP power module. The very shallow form-factor and an excellent power-density that make this loudspeaker a versatile tool for any small, unobtrusive installed sound reinforcement and portable FOH applications to more powerful, medium-sized configurations for Touring and Rental companies and theatre and club installations.

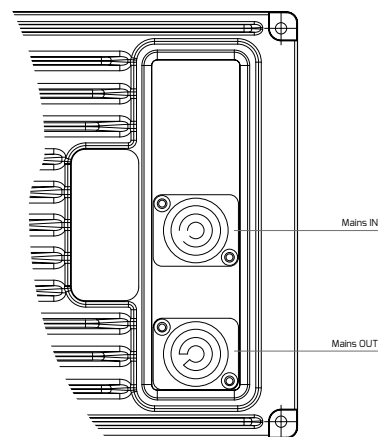
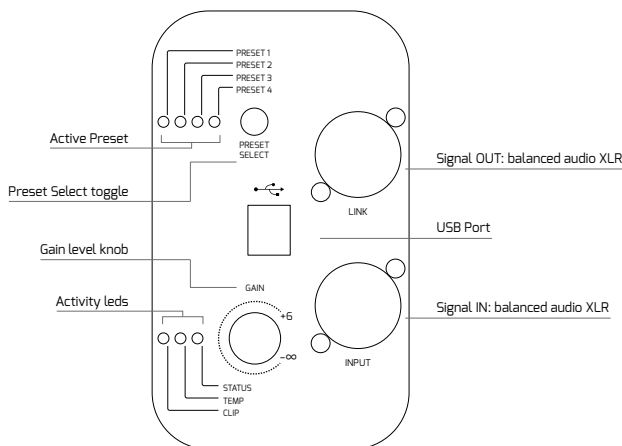
This powerful multipurpose subwoofer delivers a linear audio signal that naturally couples into any 2-way system like **EXO12-A** and **EXO15-A** and **EVO** Series line-array systems.

For seamless integration in flown and stacked systems see the rigged model F600, that includes the rigging structure RS-**BASSO-S**, compatible with **EVO** and **VOA** Line-Array systems.



DSP AND POWER MODULE

BASSO24t-A features an integrated 3000 W 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

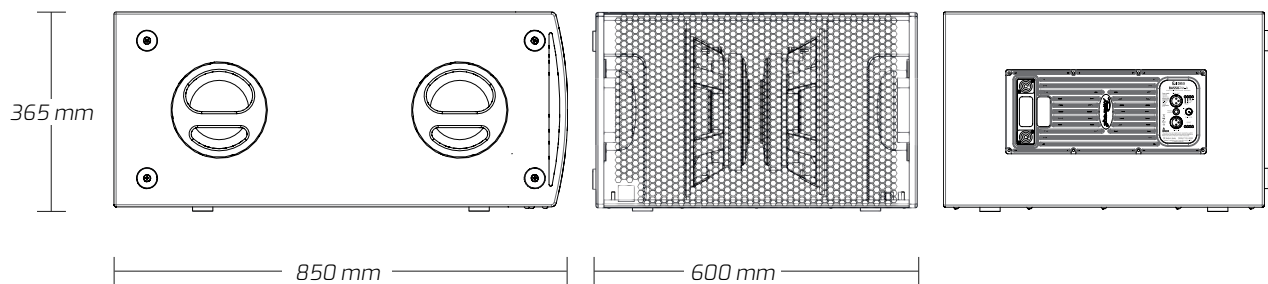
The 24-bit high-resolution integrated DSP board allows for easy access to four preloaded presets, just toggling the press-button PRESET SELECT in the back control panel. The active preset will be indicated by the active led above its number.

- PRESET 1: LPF @80 Hz
- PRESET 2: LPF @100 Hz
- PRESET 3: LPF @120 Hz
- PRESET 4: LPF @140 Hz

TECHNICAL DATA

| | |
|-------------------------------------|--|
| Enclosure design | Symmetrical Air mass Loading 5th order Band-Pass |
| Transducers | 2 x 12" |
| Class D Amp Continuous Power | 3.2 kW |
| DSP | 24bit @ 48kHz AD/DA 4 selectable active LPF cuts |
| SPL (Continuous/Peak) | 129/135 dB SPL |
| Frequency Range (-10 dB) | 40 - 100/120/140/180 |
| Frequency Range (-3 dB) | 48 - 80/100/120/160 |
| Dimensions (WxHxD) | 600 x 365 x 850 mm (23,6 x 14,4 x 33,5 inch) |
| Weight | 51 kg (112,4 lbs) |
| Audio Signal Connectors | |
| Input | XLR |
| Output | XLR |
| AC Connectors | 2 x Neutrik PowerCON® (I/O) |
| Cabinet Construction | 15 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 rubber feet |
| Installation | 6 threaded M8 inserts. Two 36 mm Pole mount sockets (top and side) |
| Accessories | 35 mm Pole (K&M-21338) |

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: BASSO24t-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



For further information scan the QR Code
or refer to the following web address: www.ideaproaudio.com/basso24t-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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