

BASSO R218



Dual 18" Direct Radiation Touring Subwoofer

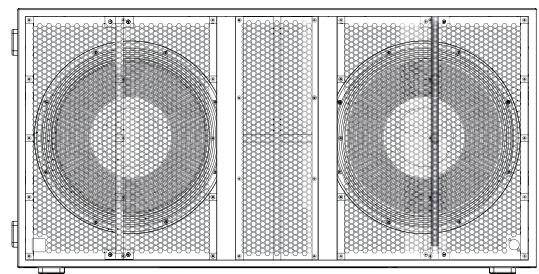
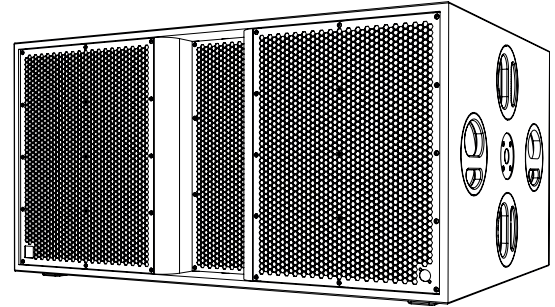
BASSO R218 is very high performance professional touring sound subwoofer with truly extended bandwidth, dynamic range, definition and superior.

It features two revolutionary latest-Gen extra-long excursion and controlled linear displacement 18" LEX Flagship NEO Woofers, equipped with unique cooling and thermal diffusion technologies, coupled with the most advanced precision manufacturing techniques and materials to deliver the highest output with extremely reduced power compression and distortion.

Ports and enclosures of the **BASSO R218** have been carefully designed and built to be ready to endure the mechanical stress and demands of large scale productions while delivering vibration free, minimizing port noises, managing extreme SPL and remaining compact and light within reason.

BASSO R218 includes handles and wheels positioned to facilitate load and setup, durable finish for metal and wooden parts, recessed front protection grill, vertical and horizontal wooden skates and a convenient front SpeakON NL-4 extra input.

Other rigging possibilities for flown and stacked applications with other IDEA point source and line-array speaker solutions are available, as well as transport/storage/weather protections accessories.

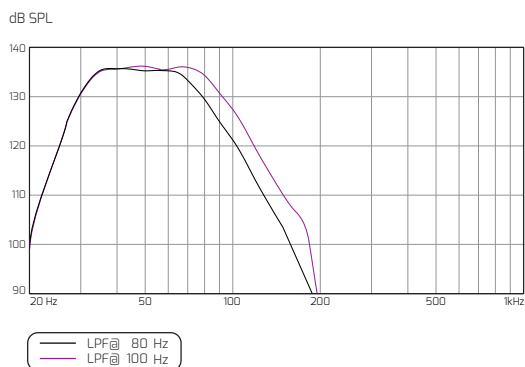


TECHNICAL DATA

Enclosure design	Bass Reflex
Transducers	2 x 18" LEX
Power Handling (RMS)	3.2 kW
Nominal Impedance	4 Ohm / 2 x 8 Ohm Bi-Amp
SPL (Continuous/Peak)	137/143 dB (w/IDEA DSP setting)
Frequency Response (-10 dB)	30 - 100/120/140 Hz
Frequency Range (-3 dB)	39 - 80/100/120 Hz
Dimensions (WxHxD)	1200 x 600 x 825 mm (47.2 x 23.6 x 32.5 in)
Weight	94.5 kg (208.3 lbs)
Connectors	2 x Neutrik speakOn NL-4 in parallel + 1 extra NL-4 in front
+/-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	8 integrated handles
Feet/Skates	4 skates
Installation	1 x 36 mm Pole mount socket (V)
Accessories	35 mm Pole (K&M-21338) Wheels (WH-04)

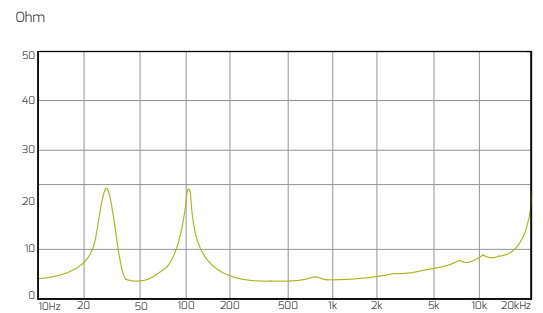
ACOUSTICAL MEASUREMENTS

FREQUENCY RESPONSE

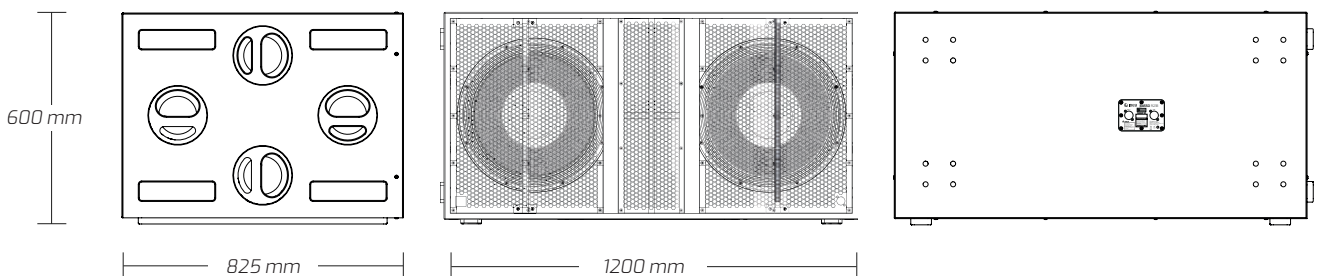


This graph shows the frequency response for a 1-watt swept sine signal in a semi-anechoic environment (2π), measured at 3 m and scaled down at 1 m. In order to provide more precise information for acoustical analysis, a 1/6 octave smoothing has been applied.





IMPEDANCE



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.
- 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: BASSO R218

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/product-detail/basso-r218

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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