

BASSO36



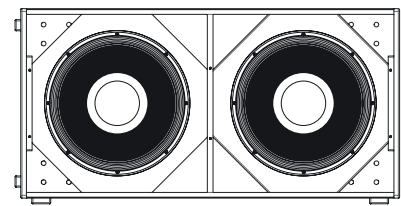
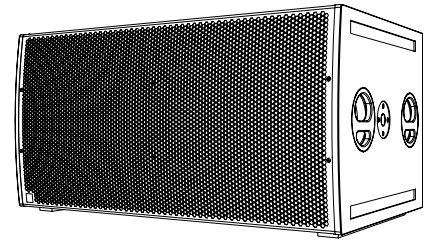
Dual-18" Direct Radiation Multipurpose & Touring Subwoofer

QuickStart Guide

BASSO36 is dual 18" Direct Radiation subwoofer that meets all the expectations for this well-known industry standard for Touring and large venues and High-SPL applications.

This large-format loudspeaker is capable of handling up to 2,4 kW at 4 Ω and provides a linear response typical of direct radiation subwoofer from 33 Hz with a warm & deep natural sound that matches any sound reinforcement system. Thanks to a carefully designed and tuned cabined and eight symmetrical front-firing ports that allow for extremely linear excursion of woofers, maximizing their SPL response and minimizing mechanical distortion.

Like All IDEa Loudspeakers **BASSO36** is built 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.

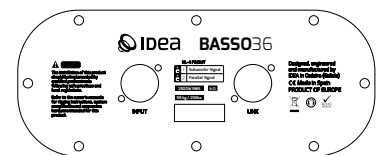


SYSTEM CONFIGURATION AND SETTINGS

BASSO36 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@ 100 Hz

Type	Freq	Q	Gain
Bell	82 Hz	4.0	2.00
Bell	65 Hz	16.0	-0.50
Low Pass	100 Hz	0.8	--
HPF:	33 Hz	Butterworth 24dB	
LPF:	73 Hz	Butterworth 24dB	

LPF@ 120 Hz

Type	Freq	Q	Gain
Bell	68 Hz	12.0	-0.80
Low Pass	120 Hz	0.8	--
HPF:	33 Hz	Butterworth 24dB	
LPF:	88 Hz	Butterworth 24dB	

LPF@ 150 Hz

Type	Freq	Q	Gain
Bell	96 Hz	8.0	-1.40
Bell	85 Hz	5.0	-0.90
Low Pass	145 Hz	0.8	--
HPF:	33 Hz	Butterworth 24dB	
LPF:	108 Hz	Butterworth 24dB	

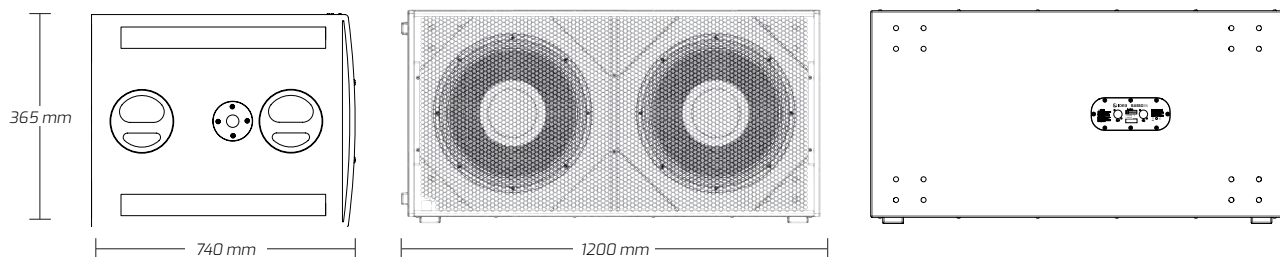
LPF@ 180 Hz

Type	Freq	Q	Gain
Bell	111 Hz	5.5	-4.10
Bell	80 Hz	5.0	-1.20
Low Pass	175 Hz	0.8	--
HPF:	33 Hz	Butterworth 24dB	
LPF:	131 Hz	Butterworth 24dB	

TECHNICAL DATA

Enclosure design	Bass Reflex
Transducers	2 x 18"
Power Handling (RMS)	2.4 kW
Nominal Impedance	4 Ohm
SPL (Continuous/Peak)	134/140 dB SPL
Frequency Range (-10 dB)	33 - 100/125/150/180 Hz
Frequency Range (-3 dB)	40 - 80/100/125/145 Hz
Dimensions (WxHxD)	1200 x 600 x 740 mm (47.2 x 23.6 x 29.1 in)
Weight	98 kg (216 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
Installation	36 mm Pole mount socket (V/H)
Accessories	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.

- 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.

- 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: BASSO36

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/basso36

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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