

BASSO21-A



High Performance Direct Radiation 21" Active Subwoofer

FEATURES

- Bass reflex design
- 1,5 KW Class-D integrated power module
- 24-bit 48kHz DSP
- 4 selectable presets
- Premium European High Efficiency custom IDEA Transducer
- Neutrik® PowerCON and XLR connectors
- Rugged and durable 18 mm birch plywood construction and finish
- Durable Aquaforce paint, available in standard textured black or white,
- Turn-key Factory Amplifier/DSP dedicated configurations
- 35 mm pole cup and four integrated handles
- Compatible rigging accessories (optional) for stacked /flown configurations



APPLICATIONS

- High SPL A/V, portable professional sound reinforcement and touring
- Main or distributed subwoofer system in Pubs, Lounges, Bars and clubs
- "Infra" extension to other BASSO series subwoofers
- Broadcast Studios and Screening rooms



OVERVIEW

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.

BASSO21-A is a high-density direct radiation subwoofer that brings the genuine 21" deep sound out of a very compact rugged cabinet, built with high quality birch 18" birch plywood, 2 mm steel grille and IDEA Aquaforce weather-resistant, durable coating.

This powerful, multipurpose subwoofer produces a clean linear audio signal that couples naturally with large two-way loudspeakers like **LUA15**, **EXO15** and **EXO18** and flown or stacked with **EVO** line-arrays in larger systems but **BASSO21-A** has been carefully tuned to deliver the optimal performance from 21" premium quality transducer thanks to the four symmetrical ports that allow for extremely linear excursion of the woofer with minimal distortion and high response in those regions where sound is rather felt than heard.

This extended frequency response reaches 29Hz adding **BASSO21** "Infra" capabilities in large systems and applications those sub-sonic qualities are required.

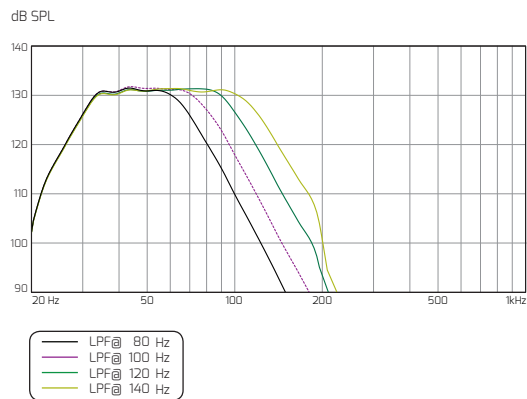


TECHNICAL DATA

Enclosure design	Bass Reflex
Transducers	1 x 21"
Class D Amp Continuous Power	3 000 W
DSP	24bit @ 48kHz AD/DA 4 selectable active LPF cuts
SPL (Continuous/Peak)	131/137 dB SPL
Frequency Range (-10 dB)	25 - 80/100/120/140 Hz
Dimensions (WxHxD)	30 - 65/80/100/120 Hz
Frequency Range (-3 dB)	600 x 600 x 950 mm (23,6 x 23,6 x 37,4 inch)
Weight	72 kg (158,7 lbs)
Audio Signal Connectors	
Input	XLR
Output	XLR
AC Connectors	2 x Neutrik PowerCON® (I/O)
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 rubber feet
Installation	Top 36 mm Pole-mount socket
Accessories	Rigging Frame (RF-600) Rigging System (RS-BAS50-L) Wheels (WH-04) 35 mm Pole (K&M-2133B)

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.

TECHNICAL DRAWINGS

