



# BASO 12

Compact 12" bass reflex cabinet

## ► Features

- Compact & flexible design
- High performance 12" driver
- 1000 Watt program power
- 125 dB of Max. SPL
- 40 Hz - 300 Hz freq response
- 18 mm plywood construction
- Recessed connector dish
- Dual low-loss suspension with 4" high-excursion voice coil

## ► Applications

- Restaurants
- Retail & shops
- Bars & music café's
- Night clubs & Discotheques
- Live musician performances
- Concert halls & ballrooms
- ...



The BASO cabinets are universally useable passive bass cabinets. Their bass reflex design is engineered to be as compact as possible while giving the maximum performance in terms of sound quality and pressure. Their enclosures are crafted out of sturdy high-quality plywood while their elegant design enables them to be placed in any environment.

The BASO12 is loaded with a 12" high-performance woofer with an RMS power rating of 500 Watt and maximum power of 1000 Watt. The strength of this loudspeaker originates from a 4" voice coil which is allowed to extra long excursions. Displacements are precisely controlled by the dual low-loss suspension resulting in a superior linear behaviour.

These carefully selected high-grade materials in collaboration with accurate acoustical craftsmanship results in an impressive combination of punch and low frequency extension without compromises. The highly-efficient design results in a sensitivity of 98 dB with capability of continuous sound pressure production up to 125 dB. The frequency response ranges from 40 Hz up to 300 Hz while going down to 35 Hz at -10 dB.

Besides these acoustical aspects, a lot of attention has been paid to all other aspects making it as versatile as possible. The enclosure is compact designed without any sacrifice to robustness due to the 18 mm high-quality plywood material finished with structured coating.

Connections are made using two speakon compatible connectors located in a recessed connector dish, allowing link-through to other cabinets. This also allows close placement to any wall or corner.

## ► Specifications

SYSTEM SPECIFICATIONS		
Speaker type	12" Bass reflex cabinet	
Max power	1000 W	
RMS power	500 W	
Impedance	8 Ohm	
Sensitivity (1W/1m)	98 dB	
Sound pressure (Max W/1m)	125 dB	
Frequency response (±3 dB)	40 Hz - 300 Hz	
Frequency range (-10 dB)	35 Hz - 600 Hz	
Bass reflex tuning frequency	45 Hz	
PRODUCT FEATURES		
Dimensions (Width x Height x Depth)	380 x 449 x 460 mm	
Weight net	22 Kg	
Driver	12" ferrite with dual suspension (low-loss) and 4" high excursion voice coil	
Connection	2 x Speakon compatible connector in recessed connector dish (linkthrough)	
Construction	18 mm plywood with structured coating	
Grill type	Perforated steel grill (18 gauge)	
Mounting & handling	Rigging points	3 x M6 mounting bracket installation holes on both sides
Available colours	Black (RAL9004)	BASO12/B
	White (RAL9003)	BASO12/W
SHIPPING & ORDERING		
Packaging	Carton box	
Shipping weight & volume	23.5 Kg - 0,16 Cbm	
Optional accessories	MBK100 Bass cabinet mounting set	
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products		

## ► Architects' and Engineers' Specifications

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The subwoofer shall incorporate a 12" transducer with 4" voice coil and powerful ferrite type magnet which is loaded into a bass reflex front loaded enclosure. A dual low-loss suspension shall be used, precisely controlling voice coil replacements and resulting in a superior linear behaviour. The enclosure shall have a compact rectangular shape with curved front finishing and an elegant powder coated steel grill which is lined with an acoustically transparent backing. The rear must have a trapezoidal shape while top and bottom corners are bevelled.

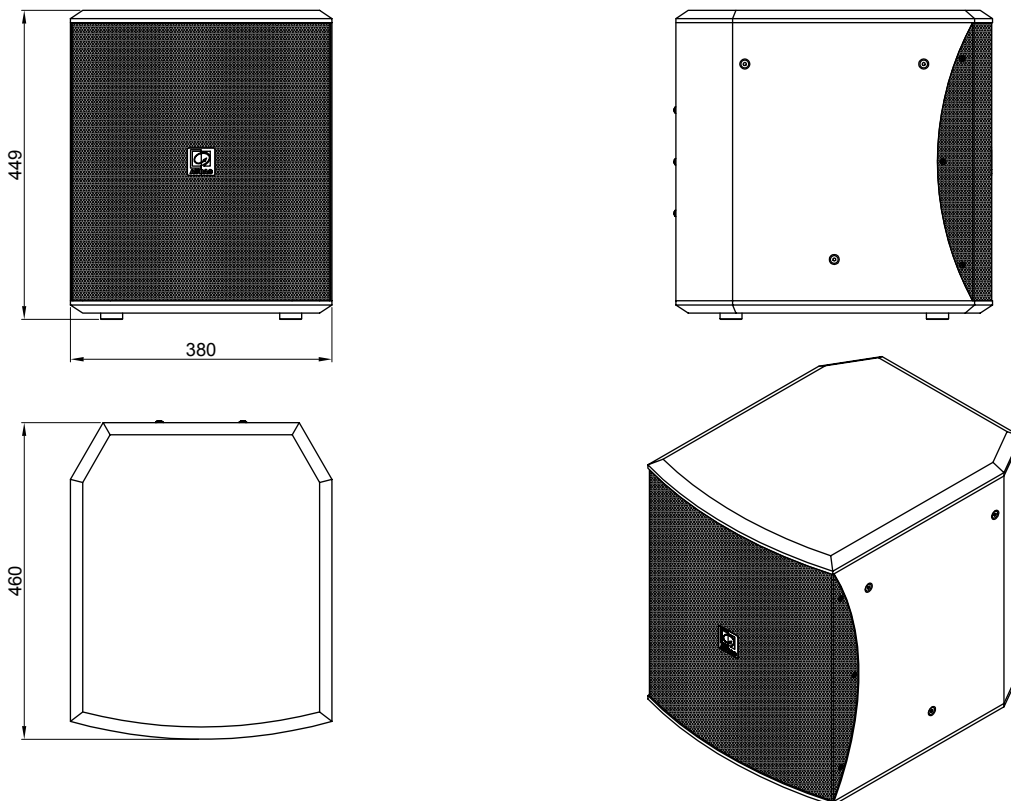
The construction shall be made using 18 mm thick plywood finished with a structured coating which comes available in both black (RAL9004) & white (RAL9003) colour. Input connectors shall be parallel wired using speakon compatible connectors fitted in a recessed connector dish allowing close placement to any wall or corner.

It shall have an RMS power handling of 500 Watt, a maximum power handling of 1000 Watt and an impedance of 8 Ohm. The frequency response (-10 dB) shall range from 35 Hz to 600 Hz with a bass reflex tuning frequency of 45 Hz. The sensitivity shall be 98 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level shall reach 125 dB.

The system's enclosure shall be 449 mm high, 380 mm wide and 460 mm deep and the weight shall not exceed 22 Kg.

## ► Technical drawing

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**BASO12**