

PMB15 AD Datasheet

General Description

The **PMB15 AD** is Hortus Audio's 15" active high-output subwoofer, designed and manufactured in France. Equipped with a transducer from a leading European manufacturer, it features a single bass-reflex loaded 15" woofer with a 4" voice coil. The system delivers powerful audio performance, high SPL with impact, and excellent low-end extension — all within a compact footprint.

It includes built-in amplification and a DSP module, providing all the essential processing tools required for any application. The cabinet is made from 18 mm high-quality Baltic birch plywood and coated with a durable polyurethane finish. Side-mounted handles and an M20 pole mount socket ensure flexible deployment in both mobile and fixed installations.

This subwoofer is the ideal solution to extend the low-frequency performance of a portable PA system. It pairs perfectly with 12" or 15" satellite loudspeakers and is the natural companion to the PM12 AD.

Features

- Compact design with high SPL
- Durable - high quality birch plywood enclosure
- High quality components
- Built-in class D amplifier and DSP
- 139 dB Max SPL
- 36 Hz – 200 Hz Frequency Range

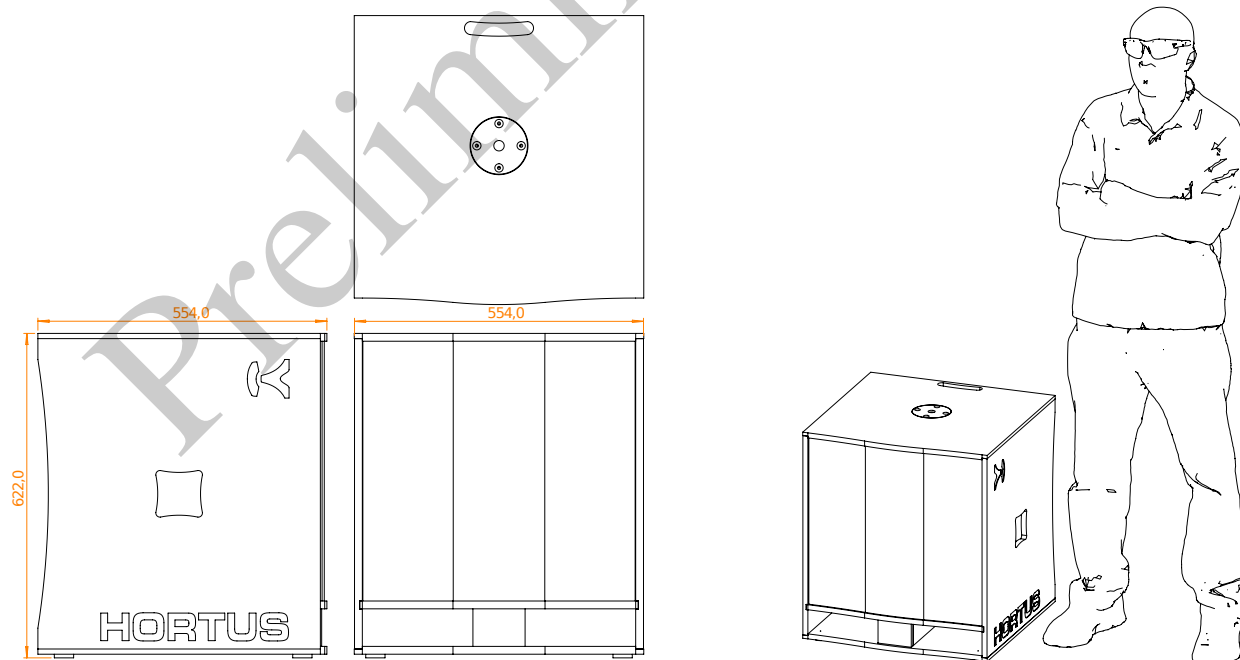
Applications

- DJ & Stage monitor & Band PA
- Auditoriums & Concert Halls
- Theaters
- Lounges



TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-6 dB)	36 Hz - 200 Hz
	Max SPL @ 1m ¹	127 dB nominal, 139 dB peak
	Horizontal coverage angle (-6 dB)	omnidirectional
	Vertical coverage angle (-6 dB)	omnidirectional
Electrical specifications	AC in	PowerCON [®] , 85-265 VAC, 50Hz/60Hz
Input/Output section	Input signal	Balanced
	Input/Output connectors	XLR
	Input Gain	-48dB to +6 dB
Transducers	LF	1 × 15" Driver - 4" voice coil
Processor section	Crossover Frequencies	120 Hz
	Limiter	Peak and Rms
	Preset's	5 selectable preset
Physical specifications	Rigging	M20 top mount speaker stand socket
	Handling	One handle per side - machined in material
	Weight (net)	36 kg
	Height × Width × Depth	622 × 554 × 554mm
	Cabinet	Baltic birch wood
	Finish	Finished polyurethane paint



¹Nominal and peak level at 1 meter under 2 π conditions using pink noise with crest factor 4. Data from FEA / BEM analysis simulation.