

Bayamo 32.1

2x12" Acoustic suspension subwoofer



The Pequod catalog is enriched with a new double ovoid subwoofer, extremely compact, designed around 12" quality long-excursion transducers. Bayamo is the system based on two 12" transducers, horizontally developed. The double ovoid structure, interconnected, guarantees extreme rigidity. Made of composite materials, it guarantees extreme reliability and resistance to impacts, scratches and atmospheric agents, together with extreme lightness. The close correlation with the system Borea, based on a single 12" transducer, is immediately evident.

About Bayamo we find the same characteristics, in relation to precision and extreme cleanliness of emission. Extreme control and absence of perceptible distortions are fundamental characteristics of the new Bayamo system. The chosen transducers are 12", long-stroke, with extremely high-performance, and a treated/damped paper cone, with a generous ferrite magnetic system, and a 3" voice coil. The overall performance makes it suitable for small spaces where extreme quality is required in the reproduction of low frequencies. The system is extremely compact and suitable for being placed in small areas or with irregular geometries. The typical aesthetics of our products also in this case allows us to combine elegance, compactness, rigidity and functionality in a quality system.

Features

- Strong impact from the visual point of view
- Special ultralight anti-resonance shell structure
- Powerful sound emission
- Extreme sensitivity
- Excellent sound quality at all power levels
- Perfect adaptability to any musical genre
- Heavy duty composite construction, resistant to scratches and bumps
- Completely weather resistant (on request)
- Engineered for easy maintenance and repair
- Technologically advanced design
- Light weight for easy transport
- Simple installation and interface
- Customization of color and surface

Applications

- Small intimate space
- Small outdoor events
- Small-scale live events in need of a high sound quality

Max Size of audience within the range of dispersion for 2x LBayamo subwoofer:

Indoor 160
Outdoor 80

(Recommendations vary depending on the type of subwoofer)



Architectural Specifications

Bayamo is a long excursion acoustic suspension subwoofer in a double ovoid structure. Built from high-quality composite materials, highly resistant to damage from scratches and bumps. Absolute resistance to rain and sun. All metal parts are built from stainless steel. Bayamo sensitivity is 95dB 1W/1m; the woofers are 12"(320mm), ferrite ring, 8 Ohm each; 900W nominal power handling, 1800W power on the continuous program is the recommended amplifier power to exploit, fully, the transducer without any clipping in the amplifier. The Full-Fat audio FFA 6000 is the recommended amplifier for this solution.

Warning:

This is a professional audio system with very high efficiency and sensitivity with acoustic emissions that could potentially cause hearing damage. Installation and use intended for experienced and qualified personnel. Safety DSP devices with a limiter function are recommended.

TYPE	Acoustic suspension subwoofer in double ovoidal structure
FREQUENCY RESPONSE	38 Hz - 1,5 KHz (-3 dB)
TOTAL SENSITIVITY	95 dB 1W/1m
LOW FREQUENCY	2x12" long excursion woofers
NOMINAL IMPEDANCE	4 Ohm
POWER HANDLING	1800W @ 4 Ohm with amplifier
MANAGE	2 Ch amplifier to a couple of Bayamo (stereo)+DSP to match to satellite. High-pass filter @30Hz, 24 dB/oct. But ;Low- pass filter @100- 120Hz, 24 dB/oct. LR
RECOMMENDED AMPLIFIER	Full Fatt Audio FFA 6000 with external DSP to match to satellite
DISPERSION	Omnidirectional
CONSTRUCTION MATERIALS	Fiber-reinforced composite, stainless steel
FINISH	all ral color and texture on order
PROTECTIVE GRILLES	Bayamo is usually sold with grids to protect the 12 " woofers, as standard
CONNECTORS	1x Neutrik NL4FX or custom preference
DIMENSIONS	(W) 890mm (H) 472mm (D) 420mm
(without support)	(W) 35 inch (H) 18.5 inch (D) 16,5 inch
WEIGHT	30 Kg (67 lb)



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