

# Eoo 30.1

3x8" Acoustic suspension subwoofer



## Introduction

The Pequod catalog is enriched with a new line of ovoid subwoofers, extremely compact, designed around 8" quality long-excursion transducers. Eoo is the system based on three 8" transducers. The triple 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 larger system, Altano, based on three 12" transducers, is immediately evident. In Eoo 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 Eoo system.

The chosen transducers are 8" long-stroke, extremely high-performance, with a treated and damped paper cone, with a generous ferrite magnetic system, and a 2" 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
- 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 spaces
- 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 Eoo Sub

Indoor 120  
Outdoor 80

(Recommendations vary depending on the type of subwoofer)



## Architectural Specifications

Eoo is a long excursion acoustic suspension subwoofer in a triple 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.

Eoo sensitivity is 94dB 1W/1m; the woofers are 8"(210mm), ferrite ring, 8 Ohm each; 600W nominal power handling, 1200W 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 6004 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.

<b>TYPE</b>	3x8" Acoustic suspension subwoofer
<b>FREQUENCY RESPONSE</b>	45 Hz – 1.5 KHz (-3dB)
<b>TOTAL SENSITIVITY</b>	94 dB 1W/1m
<b>SPL MAX</b>	122 dB with 1200 W
<b>TOTAL SENSITIVITY</b>	3x 8" woofer @ 4 Ohm 1200W continuous power handling , sensitivity 94 dB 1W/1m
<b>NOMINAL IMPEDANCE</b>	4 Ohm
<b>POWER HANDLING</b>	1200W @ 4 Ohm with amplifier, 2 ohm stable
<b>MANAGE</b>	2 Ch amplifier to a couple of Eoo (stereo)+DSP to match to satellite. High-pass filter @40Hz, 24 dB/oct. But; Low- pass filter @100-120Hz, 24 dB/oct. LR
<b>RECOMMENDED AMPLIFIER</b>	Full Fatt Audio FFA 6004
<b>DISPERSION</b>	Omnidirectional
<b>CONSTRUCTION MATERIALS</b>	Fiber-reinforced composite, stainless steel
<b>FINISH</b>	all ral color and texture on order
<b>PROTECTIVE GRILLES</b>	Eoo is usually sold with these grids to protect the 8" woofer, as standard
<b>CONNECTORS</b>	1x Neutrik NL4 or custom preference
<b>DIMENSIONS</b>	(W) 985mm (H) 484mm (D) 440mm
<b>(without support)</b>	(W) 39 inch (H) 19 inch (D) 17.3 inch
<b>WEIGHT</b>	16.5 Kg (36 lb)

