

# Cerberus 12.1

**3x18" Bass reflex subwoofer**



## Introduction

The Cerberus system is a bass Reflex subwoofer consisting of 3 18-inch long-excursion woofers housed in three ovoid volumes structure connected and fused to form an extremely light and rigid monolithic structure. The total power of the system is over 10000 Watts, having very high sensitivity (102 dB / W / 1m) With a total radiant surface equivalent to a 32-inch diaphragm. The composite material by which it is composed allows for high stiffness and avoids the triggering of resonances of the speaker walls. Compared to a traditional subwoofer made of wood, the Cerberus system does not present harmful structural vibrations, as well as having very high resistance to atmospheric agents. The shape itself without parallel walls avoids the formation of internal standing waves with considerable advantages for having a clean and precise sound. The Cerberus system is suitable for creating full-range systems with high acoustic impact. Ideal for forming a system with Shockwave, Polyphemos, and Kona products, where quality and power are achieved through a compact Subwoofer, compared to the considerable power itself expressed. Although the 3 18-inch woofers can be driven individually with 3 amplification channels (version with 4-ohm impedance for each 18-inch, Cod.CERB04), we recommend the setup in a parallel.



## Features

- Strong impact from the visual point of view
- 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
- Engineered for easy maintenance and repair
- Technologically advanced design
- Low weight for easy transport
- Simple installation and interface
- Customization of color and surface
- Unique exclusive design

## Applications

Large club spaces

Outdoor events

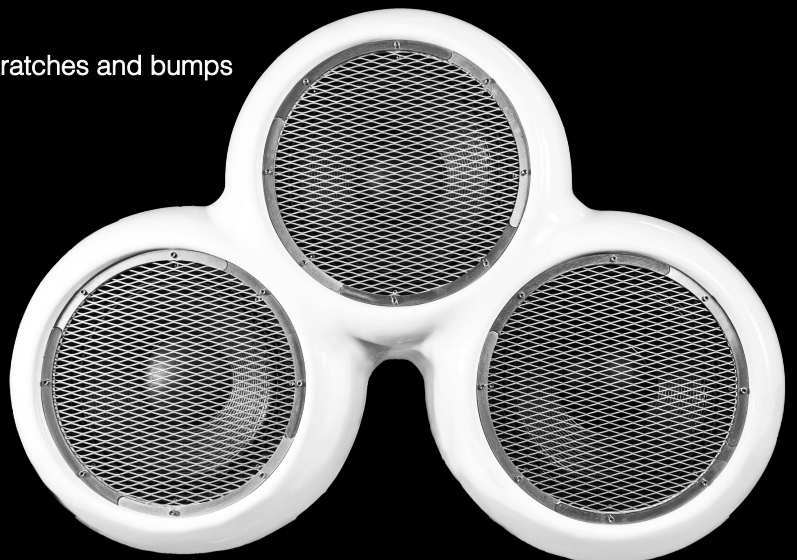
Medium scale live events that require a high sound quality Impact events

Max Size of audience within the range of dispersion with two Cerberus:

Indoor 1000

Outdoor 600

(recommendations will vary depending on the musical genre)



## Architectural Specifications

The Cerberus system is a bass Reflex subwoofer consisting of 3 18-inch long-excursion woofers housed in a Shape characterized by three ovoid volumes connected and fused to form an extremely light and rigid monolithic 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. Cerberus sensitivity is 102 dB 1W/1m; the woofers are 18”(460mm).neodymium inside slug,4Ohm .Each 18“ has 1700W nominal power handling, 3400W power on the continuous program. Recommended amplifier (for two Cerberus) is 2 channel amplifier, around 10000W on each channel @ 2-ohm stable Size of the audience for 2 Cerberus would be Indoor 1000 pp, outdoor 600 pp. This varies depending on musical preferences.

### Warning:

this is a professional audio system with very high efficiency and sensitivity to 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>	Bass reflex subwoofer in tri-ovoidal structure
<b>FREQUENCY RESPONSE</b>	35 Hz - 1 KHz
<b>TOTAL SENSITIVITY</b>	102 dB 1W/1m
<b>NOMINAL IMPEDANCE</b>	CERB08 : 2 Ohm (parallel connection)or CERB04 : 4 Ohm x 3 (4ohm for each 18” woofer)
<b>POWER HANDLING</b>	5100 W nominal, 10200 W power continuous program
<b>MANAGE</b>	2 Ch amplifier to a couple of Cerberus+DSP to match to satellite. Otherwise 3 ch amplifier to one Cerberus, each 18” driven individually. High-pass filter @25Hz, 24 dB/oct. But ;Low-pass filter @100-120Hz, 24 dB/oct. LR
<b>RECOMMENDED AMPLIFIER</b>	2 channel amplifier, around 10000W on each channel @ 2 ohm stable
<b>DISPERSION</b>	Omnidirectional
<b>CONSTRUCTION MATERIALS</b>	Fiber-reinforced composite, stainless steel
<b>FINISH</b>	all ral color and texture on order
<b>CONNECTORS</b>	3 (6) x Neutrik NL4 or custom preference
<b>DIMENSIONS (with trolley)</b>	(W) 1450 mm (H) 1200 mm (D) 720 mm (W) 57 inch (H) 47 inch (D) 28 inch
<b>WEIGHT</b>	84 Kg (185 lb)



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