

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, Polyphemus, 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
- Unique exclusive design
- Customization of color and surface

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)



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.

TYPE	Bass reflex subwoofer in tri-ovoidal structure
FREQUENCY RESPONSE	35 Hz - 1 KHz
TOTAL SENSITIVITY	102 dB 1W/1m
NOMINAL IMPEDANCE	CERB08 : 2 Ohm (parallel connection)or CERB04 : 4 Ohm x 3 (4ohm for each 18” woofer)
POWER HANDLING	5100 W nominal, 10200 W power continuous program
MANAGE	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
RECOMMENDED AMPLIFIER	2 channel amplifier, around 10000W on each channel @ 2 ohm stable
DISPERSION	Omnidirectional
CONSTRUCTION MATERIALS	Fiber-reinforced composite, stainless steel
FINISH	all ral color and texture on order
CONNECTORS	3 (6) x Neutrik NL4 or custom preference
DIMENSIONS (with support)	(W) 1450 mm (H) 1200 mm (D) 720 mm (W) 57 inch (H) 47 inch (D) 28 inch
WEIGHT	84 Kg (185 lb)



HPS Ibiza Phone: +34 641 390972

C/DEL PASSERELL 24 - 07817 IBIZA - ISLAS BALEARES Mail: office@hpsibiza.com Web: www.hpsibiza.com