

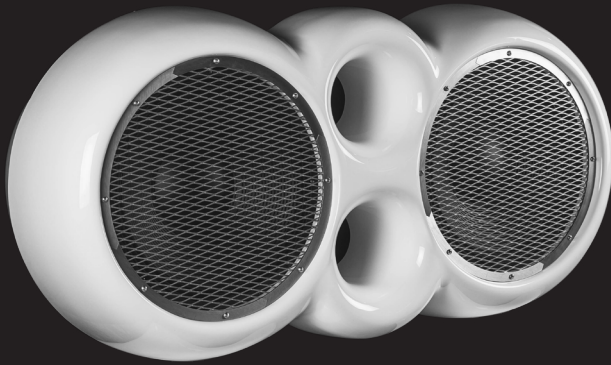
Squamish 28.1

2x18" Double ovoid reflex subwoofer



Introduction

The new Squamish system represents next step in the field of bass reflex loaded sub woofers by Pequod Acoustics. The new structure is made up of 4 ovoids, 2 of them to house the 18" transducers connected in parallel, the other 2 to house the generous front reflex ducts, designed to have low turbulence, with high power signals. The complex of the structure, all in composite material with high mechanical stiffness and resistance to atmospheric agents, guarantees lightness and extreme rigidity, in the absence of vibrations that can ruin the general clarity of the sound. The system allows for very high dB/Kg ratio values. The two 18" are very high performance and high excursion transducers, ensuring high power handling and a solid sound, in the absence of distortion. Stainless steel front grilles protect the cones of the 18" transducers from any intrusions. Squamish guarantee perfect loading of low frequencies in sensitivity, depth, control and SPL expressed by the usage of very few watts. The aesthetic impact is extraordinary and absolutely unique on the professional sound market, as already seen for the Ovoid sub 5.1 and 4.1 systems.



Features

- Strong impact from the visual point of view
- Ultralight anti-resonance shell structure
- Very 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
- Very low weight for easy transport
- Simple installation and interface
- Customization of color and surface
- Unique exclusive design

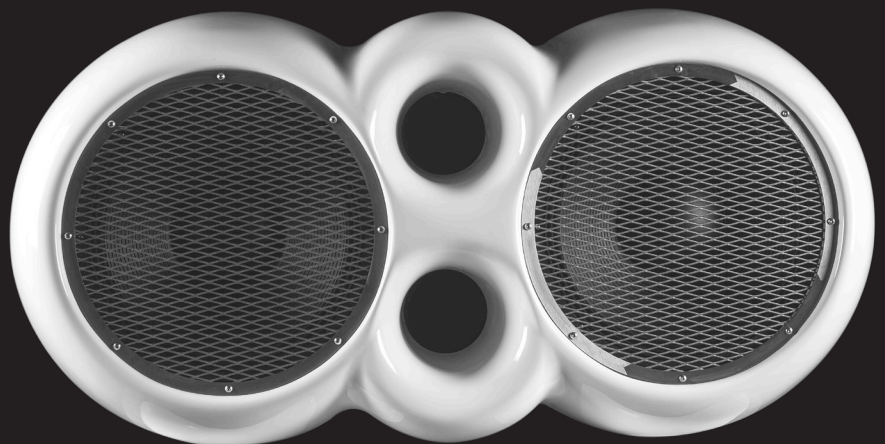
Applications

- Mid-size club spaces
- Outdoor events
- Live events requiring high sound quality

Max Size of audience within the range of dispersion for 2 Squamish subs

Indoor 500
Outdoor 300

(Recommendations vary depending on the type of subwoofer)



Architectural Specifications

Squamish is a long excursion bass reflex subwoofer in a double ovoidal 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. Squamish sensitivity is 100dB/1W/1m; the woofers are 18" (460mm), 8 Ohm or 4 Ohm (depending on the versions); 1700W nominal power handling, 3400W power on continuous program, each. The system has 6800W continuous power handling. The Full Fat audio FFA 10000, 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	2x18" Double ovoid reflex subwoofer
FREQUENCY RESPONSE	34 Hz – 1.5 KHz (-3dB)
TOTAL SENSITIVITY	100 dB 1W/1m
SPL MAX	138 dB with 6800 W
LOW FREQUENCIES	2x18" woofer @ 8 Ohm or 4ohm each (parallel connection), 3400W continuous power handling each, sensitivity 97 dB 1W/1m
NOMINAL IMPEDANCE	4 Ohm or 2 Ohm (depending on the version)
POWER HANDLING	6800W @ 4 Ohm or 2 Ohm with amplifier, 2 ohm stable
MANAGE	2 Ch amplifier to a couple of Squamish (stereo)+DSP to match to satellite. High-pass filter @25Hz, 24 dB/oct. But or higher slope; Low-pass filter @100-120Hz, 24 dB/oct. LR.
RECOMMENDED AMPLIFIER	2 channel amplifier, around 7000W on each channel @ 2 ohm stable
DISPERSION	Omnidirectional
CONSTRUCTION MATERIALS	Fiber-reinforced composite, stainless steel
FINISH	all ral color and texture on order
PROTECTIVE GRILLES	Squamish is usually sold with these grids to protect the 18" woofers ,as standard
CONNECTORS	1x Neutrik NL4 or custom preference
DIMENSIONS (witht support)	(W) 1420 mm (H) 715 mm (D) 730 mm (W) 56 inch (H) 28 inch (D) 28,7 inch
WEIGHT	50 Kg (111 lb)

