

Vesper 29.1

**2 way passive 5" coaxial +
Acoustic suspension 12" subwoofer**



Vesper is a full range system created through the connection of the Zephyrus satellite (reverse configuration) with the Borea sub.

The satellite is a compact product designed around a 5 inch, coaxial, high performance speaker. It has a 5" mid woofer with a horn loaded and coaxial driver capable of high resolution at high frequency. The body is realized in composite material, light yet resistant, capable of withstanding shock and atmospheric agents. The subwoofer is a long excursion 12" loudspeaker, loaded by an acoustic suspension system in a ovoidal axisymmetric closed structure, characterized by extreme sensitivity, dynamics and emission power, made with an incredibly rigid and light structure of durable composite materials. The full system Vesper, unlike all other alternatives currently available, was made without technical and dimensional compromises, with structural technologies not utilized in the professional audio market. This is the perfect product to create sound quality loyal systems that respects vocal quality. It's an ideal satellite + subwoofer system that maintain high quality with low encumbrance. It excels in its goal of sonorizing small rooms or areas in clubs. Vesper is a very good choice to create (with Aliseo as center channel), sophisticated home theater total frontal system.

Note: This system is sold and shipped already assembled as you can see in the picture. The Satellite is fixed with the pole and not rotatable.

Features

- High-end audio quality
- Perfect for private or enclosed areas
- Perfect adaptability to any musical preference
- Faithful and transparent reproduction at all frequency levels
- Heavy duty, highly resistant to scratches and bumps
- Weather resistance
- Built with high-strength and stiffness composite materials
- Easy to repair and maintain
- Cutting edge technical design
- Unbeatable lightness for easy transport
- Customizable color and surface finish
- Simple acoustic calibration

Applications

- Dedicated single space, small footprint
- Limited interest space, like table dedicated audio
- Home theater systems
- Privè exclusive space
- Small club performances
- Small-scale events
- Sophisticated intimate live events

Max Size of audience within the range of dispersion

Indoor 80
Outdoor 40

Recommendations vary depending on the quantity and type of subwoofer.



Architectural Specifications

Satellite: it's a compact product designed around a 5 inch, coaxial, high performance speaker. It has a 5" mid woofer with a horn loaded and coaxial driver capable of high resolution at high frequency. The body is realized in composite material, light yet resistant, capable of withstanding shock and atmospheric agents.

Subwoofer: it's a long excursion 12" loudspeaker, loaded by an acoustic suspension system in a ovoidal axisymmetric closed structure, characterized by extreme sensitivity, dynamics and emission power, made with an incredibly rigid and light structure of durable composite materials. All metal parts are built from stainless steel.

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	Two way passive coaxial + Acoustic suspension 12" subwoofer
FREQUENCY RESPONSE	38 Hz - 18 KHz (-3dB)
TOTAL SENSITIVITY	Satellite: 92 dB 1W/1m (passive crossover inside) Subwoofer: 92 dB 1W/1m
LOW FREQUENCY	12" long excursion woofer
LOW-MEDIUM FREQUENCY	5" mid woofer @ 8 Ohm 300W continuous power handling, sensitivity 92 dB 1W/1m
HIGH FREQUENCY	HF compression driver with high tech polymer diaphragm @ 8 Ohm 50W continuous power handling, sensitivity 105 dB 1W/1m
NOMINAL IMPEDANCE	Satellite: 4 Ohm with 2 way passive crossover Subwoofer: 8 ohm
POWER HANDLING	Satellite: 300W @ 4 Ohm with amplifier Subwoofer: 450 W nominal
MANAGE	Satellite: 2 Ch amplifier to a couple of Zephyrus sat loudspeakers (passive crossover provided, inside each Zephyrus). Amplifier+DSP to match to subwoofer Borea. High-pass filter @90Hz, 12 dB oct. or higher slope. Inner thermal protection device provided, to avoid overdrive Subwoofer: 2 Ch amplifier to a couple of Borea (stereo)+DSP to match to satellite. High-pass filter @30Hz, 24 dB/oct. But; Low- pass filter @90Hz, 12 dB/oct. LR. or higher slope Relative gain: relating to environmental acoustic conditions
RECOMMENDED AMPLIFIER	Satellite: 2 channel amplifier, around 350W on each channel @ 4 Ohm stable Subwoofer: Full Fatt Audio FFA 6000
DISPERSION	Satellite: 70 deg conical Subwoofer: Omnidirectional
CONSTRUCTION MATERIALS	Fiber-reinforced composite, stainless steel
FINISH	all ral color and texture on order
PROTECTIVE GRILLES	Sat and Sub are usually sold with grids to protect the 5" coaxial and 12 " subwoofer, as standard
CONNECTORS	1x Neutrik NL4 or custom preference, to drive Sat+Sub. Inner connection between Sat+Sub
DIMENSIONS (without support)	(W) 472mm (H) 1253mm (D) 420mm (W) 18,5 inch (H) 47 inch (D) 16,5 inch Note: H is customizable
WEIGHT	23 Kg (50,7 lb)

