



Dileon beneech  
THE FUTURE IS CARBON



## Vector

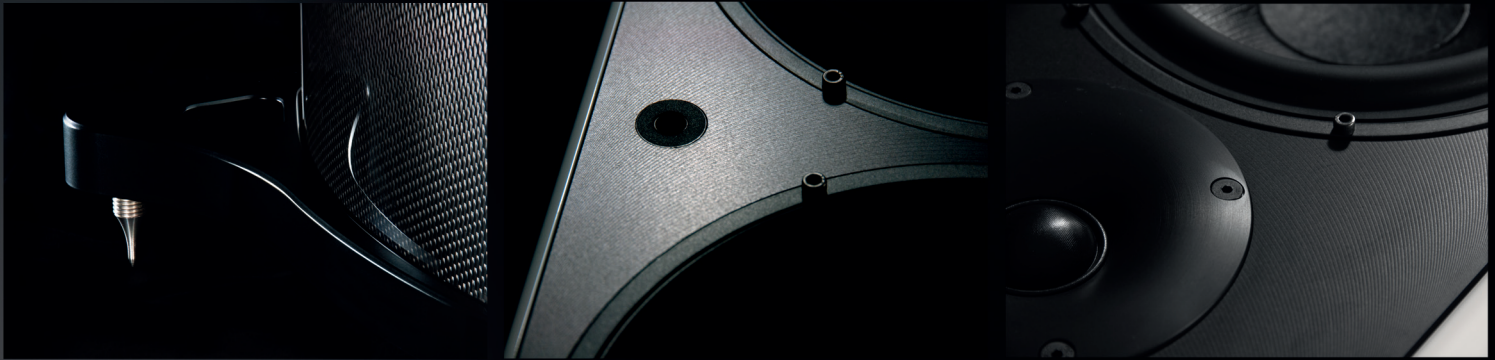
The Vector is a 2.5-way floor standing loudspeaker, manufactured in-house, using Advanced Composite Technologies. The A.C.T. monocoque / poly alloy shell structure creates a supremely stiff engineering structure that allows the complex bracing required in conventional designs to be completely excluded. This affords the Vector a huge air volume despite the small cabinet surface area, a key factor in the success of the design.

The result is a complex hybrid construction, virtually inaudible due to critical mass damping, creating one of the lowest signal to noise ratios of any loudspeaker in the world, whilst being capable of delivering all the dynamic energy from the high power Tactic II Drive Units.



Wilson benesch  
THE FUTURE IS CARBON

Geometry Series



The degree of control that can only be found when every single component is manufactured in house, legislates that matching of both cabinet and drive unit is axiomatic. Manufactured with high precision C.N.C. tooling and advanced carbon fiber mould technologies, each hand built system is meticulously assembled by highly trained technicians.

The Tactic II Mid Range Drive Unit is capable of remarkable transients that are never hindered by crossover parts. The control afforded by this design is limited only by the amplifier. Impedance characteristics are benign so low power amplifiers can be driven with aplomb.

A quintessential design feature of all Wilson Benesch designs has been the 2.5-way crossover. This ensures seamless integration from the lowest bass to the highest mid range, with the absolute minimum of phase distortion. Designed to function in complete harmony with the new Semisphere Tweeter.

#### Drivers:

1 x 25mm (1") Soft Dome Wilson Benesch Tweeter  
1 x 170mm (7") Wilson Benesch Tactic II Bass Drive Unit  
1 x 170mm (7") Wilson Benesch Tactic II Mid Drive Unit  
Low Frequency Loading: Bessel Alignment of Fourth Order  
Reflex. Double Chamber Differential Tuning  
Sensitivity: 90DB  
Impedance: 6 Ohms Nominal / 4 Ohms Minimal  
Frequency Response: 35Hz - 30KHz  
Crossover Frequency: 5KHz  
1st-order Bass Roll-Off  
No Crossover - Directly Coupled to the Amplifier

The Semisphere Tweeter is the very latest innovation from Wilson Benesch. It is the result of many years of considered development. The design incorporates advanced materials technologies that deliver extended high frequencies but without ever sounding un-controlled or sibilant. Moving mass components have been optimised to the finest tolerances, which are in turn driven by a high power, low profile motor. The Semisphere sets a new benchmark in terms of transient response characteristics. Finished with a precision machined face plate and a large cavernous rear housing, the Semisphere is a major component, weighing in at over a kilogramme. The Semisphere is bolted to the polyalloy baffle and foot assembly, to form one a u-beam structure of unyielding structural integrity.

Immersed in the music without distortions, the listener will be drawn into the event like never before. Only the artist who composed it and the musicians that interpreted it will be present at the event.

#### Dimensions:

Height: 910mm (36")  
Width: 230mm (9")  
Depth: 370mm (14.5")  
Volume: 44 Litres  
Weight: 31 Kg (68.3 lbs)  
Finishes Available:  
Standard: Black, Regal Silver, Titanium  
Wood Satin: Natural Cherry, Maple, Oak  
Wood Gloss: White Gloss, Birds Eye Maple, Red Birds Eye, Burr Walnut, Ebonised Walnut, Walnut, Red Tulip, Zebrano

WILSON BENESCH LTD.

WWW.WILSON-BENESCH.COM

T: 0044 (0)114 2852656

F: 0044 (0)870 7060216

E: INFO@WILSON-BENESCH.COM

