

Wilson Benesch is a British High End Audio Company known globally for its classic designs. Built upon solid Engineering principles, from exotic advanced materials technologies, namely carbon fiber. The Wilson Benesch product portfolio has consistently sought to push the boundaries of acoustic and aesthetic design and manufacture. Today, each Wilson Benesch product brings you the listener into the musical performance like no other, revealing every subtle nuance and leaving only the artist and the musicians before you.

Founded in 1989, Wilson Benesch is a family business co-owned and Directed by Christina and Craig Milnes. Initially launched with the Wilson Benesch Turntable and A.C.T. One Loudspeaker, these products would go on to win countless awards globally and become classic examples of British High End Audio. Being the vision of Design Director, Craig Milnes, a Master of Fine Art, with an Engineering apprenticeship attained from the British Steel Corporation, Milnes used this fusion of talent to become a master of advanced materials technologies, whilst understanding the fundamental requirements of good design.

Developed under the watchful eye of Managing Director Christina Milnes, Wilson Benesch is one of a very few British Audio Manufacturers remaining. Now entering its 25th Anniversary year, Wilson Benesch is a global brand with a product portfolio consisting of some of the most highly-regarded High End audio equipment available today, setting new standards in performance and clarity, attaining awards globally on the grounds of both technology and design. The company has won European and British Grant Funding for Research and Design not once, but four times.



The Square Series 2 like all Wilson Benesch product lines is one of the finest examples of form follows function. Unlike the curved carbon fiber forms found in the Geometry Series, the Square Series 2 starts from traditional cabinet materials and seeks to exploit its unique properties to maximum effect. By the clever application of noise defeating cabinet technologies, which include internal carbon fiber bracing, the Square Five finds a perfect balance between traditional loudspeaker design and High End Audio performance.

Based in Sheffield, South Yorkshire, each and every Wilson Benesch product is conceived, designed and manufactured in its bespoke facility in Sheffield. A highly trained Team of craftsmen, engineers and designers, combine advanced manufacturing technology with powerful 3D parametric computer aided design packages to create the most advanced audio products available today.

Advanced carbon fiber V RTM Machine Technology works seamlessly alongside a series of CNC Machines to create all the carbon composite, steel and aluminium alloy components. While Bentley trained craftsmen build each Square Series 2 cabinet by hand to create a truly luxurious finish of the highest quality.

Design excellence extends into the drive unit technologies. Having secured a £250,000 DTI SMART Award from the Government as part of the development of the Chimera loudspeaker, Wilson Benesch developed its own Drive Technology in the shape of the highly regarded Tactic Drive Unit. A blisteringly fast and dynamic multi role drive technology manufactured entirely in house alongside the unique Semisphere Tweeter. The Tactic Drive unit at the heart of the Square Five, is a highly optimised engineered component built to the exact requirements of the Square Series 2.

The Wilson Benesch product portfolio has an enviable reputation within High End Audio design; built by hand from exotic advanced materials technologies. The phenomenal success of the Cardinal loudspeaker affirmed Wilson Benesch's position within the super High End Audio market. With the Square Five taking key technologies from this class leading new product development, its performance is assured. Finished in a range of high gloss and natural wood veneers that you would expect to find in a luxury marquee, with a sleek black aerospace grade aluminum foot, the Square Five is the final word in British engineered High End Audio Luxury at its price point.

Wilson Benesch: Built For You



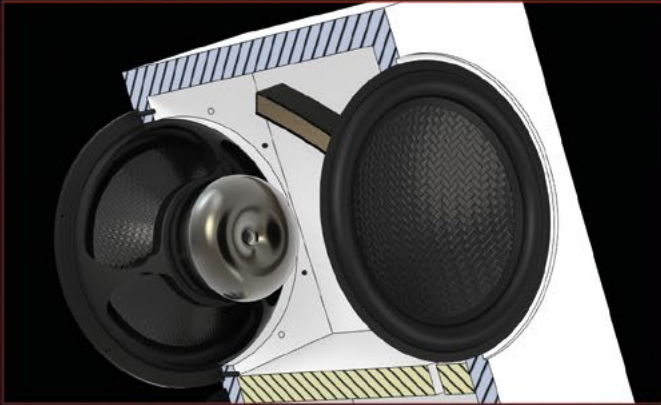
TROIKA The precision machined mid-range and bass Tactic drive units are deployed either side of the Square Five's Scanspeak tweeter, which sits at the perfect acoustic center of the Troika arrangement. The Tactic mid drive units are mechanically filtered, no capacitors, no inductors just the cleanest possible signal path and connection to the amplifier.



ISOBARIC The Isobaric concept has been a central component in this pursuit of the ultimate low frequency performance. The smallest possible enclosure offers the lowest possible noise in conjunction with a controlled bass reproduction that is simply beyond the limitations of conventional, large diaphragm, slow woofer based designs. The super dynamic, precision bass integrates seamlessly with the Troika system above and creates a cohesive, and exceptionally coherent sound field that is free of all phase distortions.



ALUMINIUM FOOT Situated at its foundation is the Isobaric Module, a high precision, alloy monolith hewn from a 15 kilo slab of aluminium alloy. This sub system delivers a multiple number of key functions that are structural as well as acoustic. Referenced to the ground via 14 millimetre precision turned spikes borrowed from the ACT C60 shelf the uncompromising nature of the design dictates to two powerful Tactic bass drive units.

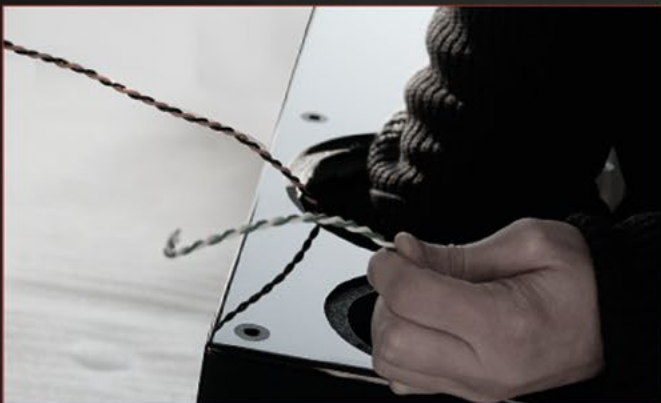


A.B.R. At the rear of the Square Five cabinet, a unique, high energy loss diaphragm effectively deals with out of phase energy to improve dynamics and perfectly damp the exuberant capabilities of the world renowned Wilson Benesch Tactic drive unit.



Carbon Fiber Bracing

Internally, the carbon composite technologies used in the Odyssey Range have been added to the Square Series 2 in the form of internal bracing. High and Medium mass alloy pads add critical mass damping to the Square Three cabinet panels. These measures reduce the noise floor and allow the listener to hear the subtleties of the high performance Tactic Drive Units, all of which come from the same shelf as the highly acclaimed, award winning Odyssey Series.



HAND BUILT Each Square Five, like any Wilson Benesch product has been hand built by a team of highly trained craftsmen. The cabinet design, like the Tactic drive units at the heart of the Square Series 2, is the result of a fastidious attention to detail and Engineering excellence. It is this same Team of Engineers and Designers that are responsible for the Cardinal flagship and for this reason you can be sure that the Square 5 is a true High End speaker system but at a fraction of the cost.



Wilson benesch
BUILT FOR YOU

square
series²

Five

Drivers:

- 1 x 25mm (1") Soft Dome Wilson Benesch Spec. Tweeter
- 1 x 170mm (7") Wilson Benesch Mid-Range Tactic Drive Unit
- 1 x 170mm (7") Wilson Benesch Bass Tactic Drive Unit
- 2 x 170mm (7") Wilson Benesch Isobaric Tactic Drive Unit

Low Frequency Loading: Assisted Bass Radiator / Bass Ports

Sensitivity: 87dB

Impedance: 6 Ohms Nominal / 4 Ohms Minimal

Frequency Response: 34Hz - 24KHz

Crossover Frequency: 5KHz / 500Hz

Dimensions:

Height: 1115mm (44")

Width: 200mm (8")

Depth: 255mm (10")

Volume: 32.5 Litres

Weight: 47 Kilos / 104 lbs

Finishes Available:

Gloss Wood Finishes: Piano Black, White, Red Birds Eye, Birds Eye Maple, Burr Walnut, Ebonised Walnut, Walnut, Zebrano

Satin Wood Finishes: Natural Cherry, Maple, Oak

EST. 1989 
AS BRITISH AS THE DAY IT WAS BORN