

## WHARFEDALE Super Denton Black Oak

Šifra: 18769

Kategorija proizvoda: Bookshelf Zvučnici

Proizvođač: Wharfedale

**Cena: 83.880,00 rsd**

Recommended amplifier power: 25-120W  
Peak SPL: 103dB  
Nominal impedance: 6Ω (Compatible 8Ω)  
Minimum impedance: 3.4Ω  
Frequency response (+/-3dB): 52Hz - 20kHz  
Bass extension (-6dB): 40Hz  
Crossover frequency: 940Hz & 4.6kHz  
Height (on plinth): 360mm  
Width: 246mm  
Depth (with terminals): (275+20)mm  
Carton size: 660 x 390 x 475mm  
Net weight: 9.2kg/pcs  
Gross weight: 21kg/ctn

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#### Specifications:

General description: 3-way vented-box/standmount  
Enclosure type: Bass Reflex  
Transducer complement: 3-way  
Bass driver: 6.5" (165mm) Black Woven Kevlar Cone  
Midrange driver: 2" (50mm) Soft Dome  
Treble driver: 1" (25mm) Soft Dome  
Sensitivity (2.83V @ 1m): 87dB

The Heritage series commenced, in 2014, with the Denton 80 anniversary model, followed by the Denton 85 and the trend-setting Linton model – which reignited a passion for the traditional, large stand mount loudspeaker. More recently complemented by the high-end Dovedale model, which signaled the return of UK manufacturing, the Heritage series emphasises why no loudspeaker manufacturer can claim a richer heritage than Wharfedale.

The SUPER DENTON Anniversary speakers are now available in 3 different finishes. Walnut, Mahogany, and now Black oak.

#### More Than a Reintroduction

One of the notable things about the original Denton was its compact size, helping to popularise the concept of 'bookshelf' speakers at a time when hi-fi speakers were usually bigger, bulkier boxes. Most Denton iterations were two-way designs, combining a mid/bass driver with a treble unit, and the same is true of the two existing 21st-century models. However, in 1971, Wharfedale launched the Denton 3, sporting a three-way driver configuration with separate bass, midrange and treble units – in doing so, Wharfedale created the smallest three-way speaker on the market, claimed to be capable of delivering the performance of much larger speaker systems.

The Wharfedale SUPER DENTON portrays an authentic legacy. Traditional, simple, and beautiful yet highly evolved, it has a thoroughly modern design that is bang up to date – utilising a mixture of traditional and advanced technology for optimum performance whilst staying true to the legacy in the classic Wharfedale tradition – beautifully hand-veneered with an inset front baffle and traditional cloth grille.

## **A Three-Way Design with Family History and Precedent**

The industrial design and cabinet engineering required incredible effort to support such a complex array in a small volume, small footprint cabinet. Measuring 360 x 246 x 275mm (HxWxD), the SUPER DENTON's size is similar to the Denton 3, making it one of the world's smallest three-way hi-fi speakers – if not the smallest, just like the Denton 3 over 50 years ago.

The midrange and treble units are offset from the centre, which helps maintain the speaker's compact stature and scatter reflections from the cabinet edges.

The SUPER DENTON cabinet features critically placed bracing and internal acoustic damping using layers of long-hair fibre, and the midrange and treble units have their own rear enclosures. The cabinet itself uses a combination of woods to scatter panel resonances rather than having a single, audibly apparent resonant frequency. An inner layer of high-density particle board is bonded to an outer layer of MDF by an inter-layer of special glue with resonance-damping properties.

The SUPER DENTON is supplied in matched, mirror-imaged pairs. With one speaker optimised for the left channel and the other for the right, accurate stereo imaging within a deep, broad soundstage is assured when the speakers are sited appropriately.

As with all models in the Heritage series, the new SUPER DENTON cabinet is wrapped with hand-matched wood veneers for a furniture-grade finish befitting any living environment – classic or modern.

### **Bass Unit**

The premium cast chassis 6.5" (165mm) bass unit is tuned to the cabinet for bass extension down to 40Hz, below the fundamental 'E1' tuning of a standard bass guitar – impressive for a speaker of the SUPER DENTON's compact dimensions. This driver handles bass and lower-midrange frequencies with engaging definition and expression, bringing instruments and voices to life – astonishing for a loudspeaker of this size.

### **Midrange Unit**

The midrange unit is based around a 2" (50mm) dome design – inspired by Wharfedale's award-winning EVO4 project.

This driver delivers upper-midrange and lower-treble frequencies with aplomb. It provides the ideal transition from the fundamental tones carried by the bass unit to the harmonic overtones higher in frequency. The wide dispersion of this dome diaphragm is responsible for the clarity and finesse that brings the musical performance alive, seamlessly transitioning from the fundamental tones carried by the bass unit to the harmonic overtones further up the frequency range.

### **High Frequency Unit**

Sonic detail and air at high frequencies comes via a new 1" (25mm) soft dome treble unit that inherits design traits from the revered Wharfedale DOVEDALE model, including the ceramic motor system and rear chamber.

This chamber helps reduce the resonant frequency to below that of the crossover region for a more natural and seamless transition between the drive units.

The three drivers are neatly arranged for smooth integration into this 3-way design, managed by a highly researched crossover network that features air-core coils and polypropylene capacitors in the midrange and treble circuits for distortion-free performance.