

## WHARFEDALE Diamond 12 3D Surr. Black

Šifra: 17349

Kategorija proizvoda: Surround Zvučnici

Proizvođač: Wharfedale

**Cena: 39.480,00 rsd**



With  
this

newest addition to the record-breaking, award-winning DIAMOND 12 series, Wharfedale takes surround sound to the next level with the DIAMOND 12 3D surround speaker.

Covering the audience in a dome of sound, following Wharfedale's long history in cinematic and home theatre solutions, you can now have a 3D cinema-audio listening experience at home with your DIAMOND 12 series configuration.

### **Klarity affords focus**

As with all DIAMOND 12 models, the DIAMOND 12 3D uses the famed Klarity™ polypropylene cones that renowned for their characteristically low distortion and controlled 'breakup'.

### **Low colour and expression**

To make Klarity™, Wharfedale adds mica to the formulation. This increases stiffness compared to polypropylene alone, reducing flexing and enabling a lightweight cone with high rigidity, low colouration and lightning-fast response - ideal characteristics to deliver both accuracy and excitement.

### **A magnet of forces**

The Klarity™ diaphragms are driven by a substantial, precision-made magnet system with an aluminium compensation ring to minimise the effect of variations in inductance as the voice coil travels. This contributes to an absence of distortion and intermodulation generated by the motor system.

### **A voice coil beyond this class**

The voice coil is wound on a high-power epoxy/glass fibre bobbin - highly unusual in speakers at this price level. This has the advantage of not adding eddy currents and delivering greater power handling than an aluminium bobbin, whilst also being much stiffer than the Kapton type.

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### **DIAMOND highs**

The 25mm dome made from a woven polyester film with a high-loss coating to deliver open and smoothly extended high frequencies. The magnet system and the front plate have been optimised for wide dispersion and uncompressed behaviour. The front plate is flat and exposes the dome as much as possible, with a short duct to balance the acoustic load and improve the SPL (sound

pressure level) measurement.

### **Brace yourself**

Inside the cabinet, Intelligent Spot Bracing connects opposing walls with a specific form of wood brace to achieve optimal reduction of cabinet resonance. These braces are precisely modelled by computer simulation to improve upon the commonplace 'figure of eight' brace, which can have the effect of transferring resonance from one wall to another.

## **General Description**

Design Philosophy and Core Technology

Enclosure Type

Transducer Complement

ABR

Bass Driver

Midrange Driver

Treble Driver

Full-range Driver

AV Shield

## General Description

Sensitivity (2.83V @ 1m)

Recommended Amplifier Power

Peak Power Handling

Peak SPL

Nominal Impedance

Minimum Impedance

Frequency Response (+/-3dB)

Bass Extension (-6dB)

Crossover Frequency

Cabinet Volume (in litres)

Dimensions (mm)

Height (with grille)

## General Description

Width

Depth (with terminals)

Carton Size

Net Weight

Gross Weight

Standard Accessories