



*Wharfedale*

DIAMOND ACTIVE  
series





## Award winning loudspeakers, without the need for bulky amplifiers and trailing wires

For over 30 years, The Wharfedale Diamond Series has been the go-to speaker for entry level, high-fidelity sound. Praised for articulated performance at an affordable price, Diamond 200 series has won multiple awards, with What Hi-Fi? Sound and Vision commenting on its sound quality as "Agile, far-reaching dynamics; overflowing with detail" (Diamond 220 - March 2015).

With such a rich history of high performance combined with affordability, Wharfedale proudly present the Diamond Active Series. The new wireless bookshelf and floorstanding speakers incorporate everything music fans love about Diamond series into an easy to use package, equipped to cater for a wealth of audio sources with an innovative approach to wireless technology.

Two packages are available - The Diamond A1 (bookshelf speakers) and the Diamond A2 (floorstanding speakers).



20m Wireless Range



Intelligent Wireless  
Auto Frequency  
Switching



5.8GHz uncompressed  
wireless operation

## Access all your audio sources effortlessly, with Wharfedale's innovative hub system

Unlike other wireless and active speakers where controls and inputs are often placed awkwardly on the back panel, Wharfedale engineers have developed a unique hub, which works as the central console for your music.

The Diamond H1 Hub features Optical, Coaxial and RCA inputs on the rear panel with an additional Bluetooth aptX connection for wireless integration of laptops, smart phones and tablet devices. It's controlled gracefully via the touch sensitive display, or for even more convenience you can use the included remote.

Once connected to your source, the Diamond H1 Hub works independently from the speakers using the 5.8GHz wireless frequency band. Place it on your TV stand, desktop, or wherever you want, without the worry of speaker placement and trailing wires in-between the units.

To ensure the same high standard of sound as conventional wired hi-fi components, Wharfedale engineers have utilised an advanced wireless module, operating on the 5.8GHz frequency band. While avoiding the often crowded 2.4GHz band, the Diamond Active system is able to switch intelligently between frequencies, guaranteeing minimal interference, wherever your speakers may be placed.

Additionally, the DAC is built around a high performance 24bit chipset delivering a CD-like quality from all devices.

Both the Diamond A1 and Diamond A2 speaker packages include the Wharfedale Diamond H1 Hub.



The Wharfedale Diamond Active speakers and Diamond H1 Hub work wirelessly, completely independently of each other, with no interconnects.



The units communicate between each other on the 5.8GHz frequency band for high quality, lossless playback.



Change source / volume control and menu parameters with the included remote, or use the touch panel on the Diamond H1 Hub itself.



In addition to Bluetooth, connect up to 3 devices to the Wharfedale Diamond Hub via RCA, Optical and Coaxial connections.



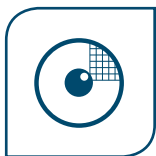
Connect any Bluetooth device and enjoy wireless playback with the aptX codec for CD-like sound quality.

Pitch perfect sound,  
wherever you place your  
speakers

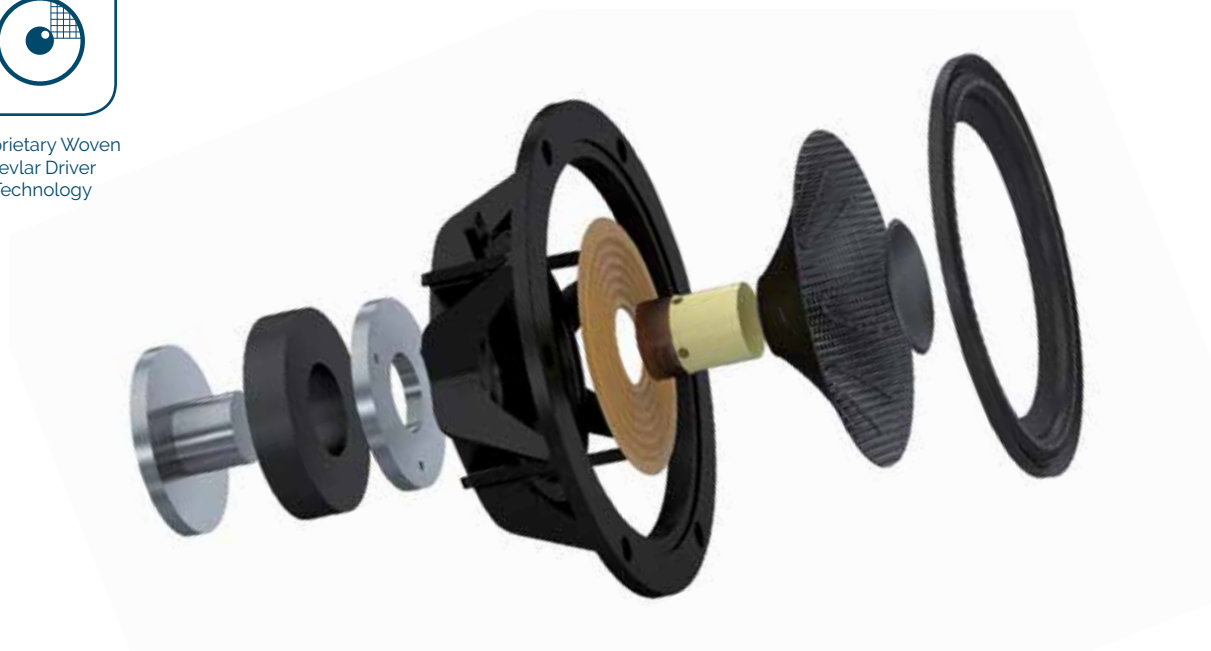
While the Diamond H1 Hub makes day-to-day use of the system a breeze, additional room settings are available on the rear panel of the speaker. A  $\pm 6\text{dB}$  bass control works to adjust the system for personal preference and for optimum room placement, for instance placing the speakers near a wall. Engineers have also added a mono mode, which is ideal for when unconventional speaker placements are used – you can place the speakers anywhere in your living area and still enjoy a thrilling sound.



Bass / Stereo Room  
Adjustment Control



Proprietary Woven  
Kevlar Driver  
Technology



## A real diamond, inside and out

The speakers use the same drivers as seen in the award-winning Diamond 220. Wharfedale's signature woven Kevlar cone incorporates semi-elliptical 'break-up' areas which smooth the response throughout the audible range. The treble unit uses an advanced ferrite magnet system and carefully constructed waveguide around the fabric dome for optimal dispersion.

While this is identical as seen in the Diamond 220, the cabinet has been tailored for the convenience-themed technology within. A rear-tuned bass port system means engineers were able to reduce the cabinet volume – more akin to those seeking an all-in-one easy to use system, without taking up too much space.

Cabinet edges have been stylishly rounded and wrapped in luxurious black leatherette with a high-gloss front baffle available in black or white finish options for both models.





## Model

## Diamond A1

Design philosophy and core technology

5.8GHz wireless uncompressed technology  
+/- 6dB Bass Control  
Balance Function  
Mode selector: Left/Mono/Right  
Digital Amplifier with DSP

Digital Input

1 x Coaxial, 1 x Toslink Optical

Analog Input

RCA x 2

Bluetooth Input

aptX (Priority), SBC

Input sensitivity

350mV

Signal frequencies

5.2/5.8GHz wireless uncompressed

Sampling rate for digital inputs

Up to 24bit / 96kHz

Wireless reception distance

20m

Enclosure type

bass reflex

Transducer complement

2-way

Drivers

130mm Woven Kevlar Woofer / 25mm Soft Dome Tweeter

Rated power output

30W

Peak power output

60W

Peak SPL

95dB

Frequency response (+/-3dB)

55Hz – 20KHz

Bass extension (-6dB)

50Hz

Crossover frequency

2.3kHz

Speaker Finish

Black Leatherette with High Gloss White / Black Front Baffle

Hub Finish

High Gloss Black with Touch Sensitive Display

Speaker Dimensions & Weight (each)

Cabinet Volume

7.6L

Height (on feet)

(315\*6)mm

Width

186mm

Depth

(220\*10)mm

Net Weight

5.5kg

Hub Dimensions & Weight

Height

28.8mm

Width

150mm

Depth

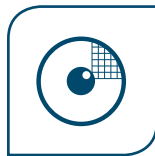
156mm



Model	Diamond A2
Design philosophy and core technology	5.8GHz wireless uncompressed technology +/- 6dB Bass Control Balance Function Mode selector: Left/Mono/Right Digital Amplifier with DSP
Digital Input	1 x Coaxial, 1 x Toslink Optical
Analog Input	RCA x 2
Bluetooth Input	aptX (Priority), SBC
Input sensitivity	350mV
Signal frequencies	5.2/5.8GHz wireless uncompressed
Sampling rate for digital inputs	Up to 24bit / 96kHz
Wireless reception distance	20m
Enclosure type	bass reflex
Transducer complement	2.5-way
Drivers	165mm Woven Kevlar Woofer x 2 / 25mm Soft Dome Tweeter
Rated power output	50W
Peak power output	100W
Peak SPL	96dB
Frequency response (+/-3dB)	40Hz – 20KHz
Bass extension (-6dB)	35Hz
Crossover frequency	2.8kHz
Speaker Finish	Black Leatherette with High Gloss White / Black Front Baffle
Hub Finish	High Gloss Black with Touch Sensitive Display
Speaker Dimensions & Weight (each)	
Cabinet Volume	38L
Height (on feet)	(912+25)mm
Width	210mm
Depth	(300+10)mm
Net Weight	18.8 Kg
Hub Dimensions & Weight	
Height	28.8mm
Width	150mm
Depth	156mm



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