

Bowers & Wilkins



800 Series

Excellence. Evolved.

This is not just another speaker range. Each new generation of 800 Series Diamond TM is a landmark event for Bowers & Wilkins. This is our benchmark, our icon; the most advanced range of loudspeakers we know how to make. For us, the 800 Series Diamond is everything we know, and everything we are.



801 D4

The loudspeaker that sets the standard all high-end designs will be judged by for years to come. Endowed with every new technology the 800 Series Diamond has to offer, the reference-quality 801 D4 also marks the return to our portfolio of one of our most iconic model names.





802 D4

Built to similar proportions as the flagship 801 04, the 802 04 offers much of the performance of its sibling, including the same Turbine TM Head enclosure for its midrange drive unit, yet is a more affordable design overall. Perfect for reference-grade stereo listening and also an excellent choice in home theatre applications.

803 04

Our most compact headed model brings all of the technical advantages of a dedicated midrange enclosure -the iconic Turbine Head -to a smaller footprint that's easily accommodated in any home. Small doesn't mean compromised, either: 803 04 still bristles with technical innovation throughout.



804 D4

For listeners who prefer a more conventional aesthetic but crave the performance of an 800 Series Diamond loudspeaker, the 804 04 is the perfect choice. Its new reverse-wrap cabinet follows the proven design principles established by its larger siblings and its new plinth ensures rock-solid, accurate bass response too.



805 D4

The 805 04 standmount loudspeaker is the most compact model in the 800 Series Diamond range, but it's still packed with advanced technologies, including that all-important Diamond dome tweeter and Solid Body Tweeter-on-Top. It's proof positive that small can still be beautiful.



Centre channels



HTM81 D4 Our largest centre-channel speaker is designed to be the perfect partner for the 801 D4 and 802 D4. Small wonder, then, that it's such a powerful performer, with sound that perfectly matches the quality of its illustrious stablemates. Available with an optional matching floorstand for the perfect installation.



HTM82 D4 For Theatre systems based on the more compact 803 D4 or 804 D4, the HTM82 D4 centre channel speaker is the perfect solution. Its midrange drive unit is ideally sized to match its siblings and its ample output will ensure a seamless listening experience. Available with an optional matching floorstand.

Finishes

Everything we do, we do with passion. That includes not just designing and engineering our 800 Series Diamond loudspeakers, but making them. Assembled with lavish attention to detail by skilled workers in our UK factory, the new range is available in four finishes: Gloss Black, Satin Rosenut, Satin Walnut and White.



Satin Rosenut



Gloss Black



Satin Walnut



White

Specifications

	801 D4	802 D4	803 D4
Technical features	Diamond tweeter Solid body Tweeter-on-Top Continuum™ cone FST Anti-Resonance plug Biomimetic Suspension Turbine™ Head Matrix™ Aerofoil™ cone bass units Flowport	Diamond tweeter Solid body Tweeter-on-Top Continuum™ cone FST Anti-Resonance plug Biomimetic Suspension Turbine™ Head Matrix™ Aerofoil™ cone bass units Flowport	Diamond tweeter Solid body Tweeter-on-Top Continuum™ cone FST Anti-Resonance plug Biomimetic Suspension Turbine™ Head Matrix™ Aerofoil™ cone bass units Flowport
Description	3-way vented-box system	3-way vented-box system	3-way vented-box system
Drive units	1x ø25mm (1in) diamond dome high-frequency 1x ø150mm (6in) Continuum cone FST midrange 2x ø250mm (10in) Aerofoil cone bass units	1x ø25mm (1in) diamond dome high-frequency 1x ø150mm (6in) Continuum cone FST midrange 2x ø200mm (8in) Aerofoil cone bass units	1x ø25mm (1in) diamond dome high-frequency 1x ø130mm (5in) Continuum cone FST midrange 2x ø180mm (7in) Aerofoil cone bass units
Frequency range	13Hz to 35kHz	14Hz to 35kHz	16Hz to 35kHz
Frequency response (+/-3dB from reference axis)	15Hz to 28kHz	17Hz to 28kHz	19Hz to 28kHz
Sensitivity (on axis at 2.83Vrms at 1m)	90dB	90dB	90dB
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m on axis) <1% 30Hz – 20kHz <0.3% 100Hz – 20kHz	2nd and 3rd harmonics (90dB, 1m on axis) <1 % 70Hz – 20kHz <0.3% 100Hz – 20kHz	2nd and 3rd harmonics (90dB, 1m on axis) <1 % 80Hz – 20kHz <0.3% 100Hz – 20kHz
Nominal impedance	8Ω (minimum 3.0Ω)	8Ω (minimum 3.0Ω)	8Ω (minimum 3.0Ω)
Recommended amplifier power	50W – 1000W into 8Ω on unclipped programme	50W – 500W into 8Ω on unclipped programme	50W – 500W into 8Ω on unclipped programme
Max. recommended cable impedance	0.1Ω	0.1Ω	0.1Ω
Dimensions	Height: 1221mm Width: 451mm Depth: 600mm	Height: 1218mm Width: 413mm Depth: 602mm	Height: 1165mm Width: 357mm Depth: 511mm
Net weight	100.60kg	88.10kg	62.15kg
Finishes	Cabinet: Gloss Black White Satin Rosenut Satin Walnut Grille: Black Grey Black Grey	Cabinet: Gloss Black White Satin Rosenut Satin Walnut Grille: Black Grey Black Grey	Cabinet: Gloss Black White Satin Rosenut Satin Walnut Grille: Black Grey Black Grey



804 D4

Diamond tweeter
Solid body Tweeter-on-Top
Continuum™ cone FST
Anti-Resonance plug
Biomimetic Suspension
Matrix™
Aerofoil™ cone bass units
Flowport

3-way vented-box system

1x ø25mm (1in) diamond dome
high-frequency
1x ø130mm (5in) Continuum cone
FST midrange
2x ø165mm (6.5in) Aerofoil cone
bass units

20Hz to 35kHz

24Hz to 28kHz

89dB

2nd and 3rd harmonics
(90dB, 1m on axis)
<1 % 90Hz – 20kHz
<0.3% 120Hz – 20kHz

8Ω (minimum 3.0Ω)

50W – 200W into 8Ω on
unclipped programme

0.1Ω

Height: 1071mm
Width: 306mm
Depth: 391mm

36.85kg

Cabinet:	Grille:
Gloss Black	Black
White	Grey
Satin Rosenut	Black
Satin Walnut	Grey

**805 D4**

Diamond tweeter
Solid body Tweeter-on-Top
Continuum™ cone bass/mid
Anti-Resonance plug
Matrix™
Flowport

2-way vented-box system

1x ø25mm (1in) diamond dome
high-frequency
1x ø165mm (6.5in) Continuum cone
bass midrange

34Hz to 35kHz

42Hz to 28kHz

88dB

2nd and 3rd harmonics
(90dB, 1m on axis)
<1 % 90Hz – 20kHz
<0.3% 120Hz – 20kHz

8Ω (minimum 4.6Ω)

50W – 120W into 8Ω on
unclipped programme

0.1Ω

Height: 440mm
Width: 240mm
Depth: 373mm

15.55kg

Cabinet:	Grille:
Gloss Black	Black
White	Grey
Satin Rosenut	Black
Satin Walnut	Grey

**HTM81 D4**

Diamond tweeter
Solid body Tweeter-on-Top
Continuum™ cone FST
Anti-Resonance plug
Biomimetic Suspension
Matrix™
Aerofoil™ cone bass units
Flowport

3-way vented-box system

1x ø25mm (1in) diamond dome
high-frequency
1x ø150mm (6in) Continuum cone
FST midrange
2x ø200mm (8in) Aerofoil cone
bass units

20Hz to 35kHz

28Hz to 28kHz

90dB

2nd and 3rd harmonics
(90dB, 1m on axis)
<1 % 80Hz – 20kHz
<0.3% 100Hz – 20kHz

8Ω (minimum 3.0Ω)

50W – 500W into 8Ω on
unclipped programme

0.1Ω

Height: 334mm
Width: 847mm
Depth: 371mm

32.20kg

Cabinet:	Grille:
Gloss Black	Black
White	Grey

**HTM82 D4**

Diamond tweeter
Solid body Tweeter-on-Top
Continuum™ cone FST
Anti-Resonance plug
Biomimetic Suspension
Matrix™
Aerofoil™ cone bass units
Flowport

3-way vented-box system

1x ø25mm (1in) diamond dome
high-frequency
1x ø130mm (5in) Continuum
cone FST midrange
2x ø165mm (6.5in) Aerofoil cone
bass units

33Hz to 35kHz

45Hz to 28kHz

89dB

2nd and 3rd harmonics
(90dB, 1m on axis)
<1 % 100Hz – 20kHz
<0.4% 100Hz – 20kHz

8Ω (minimum 3.0Ω)

50W – 200W into 8Ω on
unclipped programme

0.1Ω

Height: 289mm
Width: 715mm
Depth: 369mm

25.15kg

Cabinet:	Grille:
Gloss Black	Black
White	Grey



Bowers & Wilkins

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