



Excellence. Evolved.

This is not just another speaker range. Each new generation of 800 Series Diamond 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 801 D4 also marks the return to our portfolio of one of our most iconic model names.

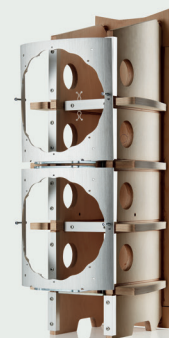


Turbine Head

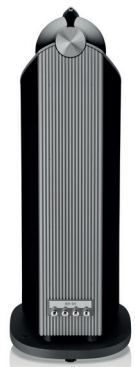
Our all-aluminium Turbine Head is a phenomenally stiff and inert housing for the crucial midrange cone, carefully damped to avoid unwanted resonances and decoupled from both the bass enclosure and the tweeter body. The result? The most realistic midrange sound yet.

Matrix™

Every model in the new 800 Series Diamond benefits from an upgraded Matrix design. Aluminium reinforced interlocking panels brace the speaker's cabinet walls in all directions, reducing resonance and creating a more believable soundstage.



801 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™

Description

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

Frequency range

13Hz to 35kHz

Frequency response

(+/-3dB from reference axis)

15Hz to 28kHz

Sensitivity

(on axis at 2.83Vrms at 1m)

90dB

Harmonic distortion

2nd and 3rd harmonics (90dB, 1m on axis)

<1% 30Hz – 20kHz

<0.3% 100Hz – 20kHz

Nominal impedance

8Ω (minimum 3.0Ω)

Recommended amplifier power

50W – 1000W into 8Ω on unclipped programme

Max. recommended cable impedance

0.1Ω

Dimensions

Height: 1221mm

Width: 451mm

Depth: 600mm

Net weight

100.60kg

Finishes

Cabinet:
Gloss Black
Satin Rosenuit
Satin Walnut
White

Grille:
Black
Black
Grey
Grey