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