





Sound and vision When John Bowers founded his company in 1966, he dreamed of the perfect loudspeaker. This speaker would neither add to nor take away from the sound of a musical performance. It would simply reveal it, the way a flawless pane of glass reveals an image to the human eye. We've been pursuing Bowers' vision ever since. And now, 50 years later, we've taken our biggest and boldest leap forward yet. Welcome to the 800 D3.

It's all been leading up to this

The flagship model in the 800 Series Diamond range is more than a speaker. It's the culmination of half a century of acoustic research and engineering, and the pinnacle of audio performance. Designed for the most demanding professional recording studios and uncompromising music lovers, the 800 D3 offers unmatched levels of clarity and realism.







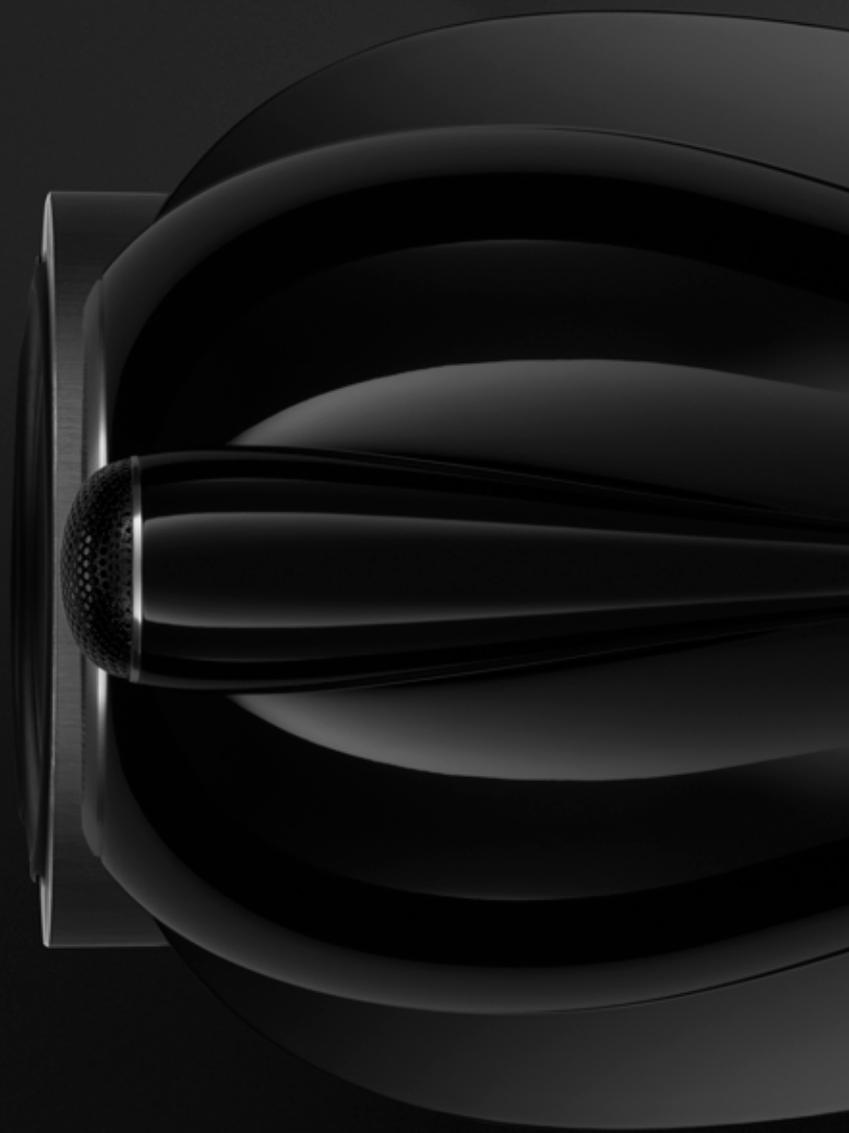


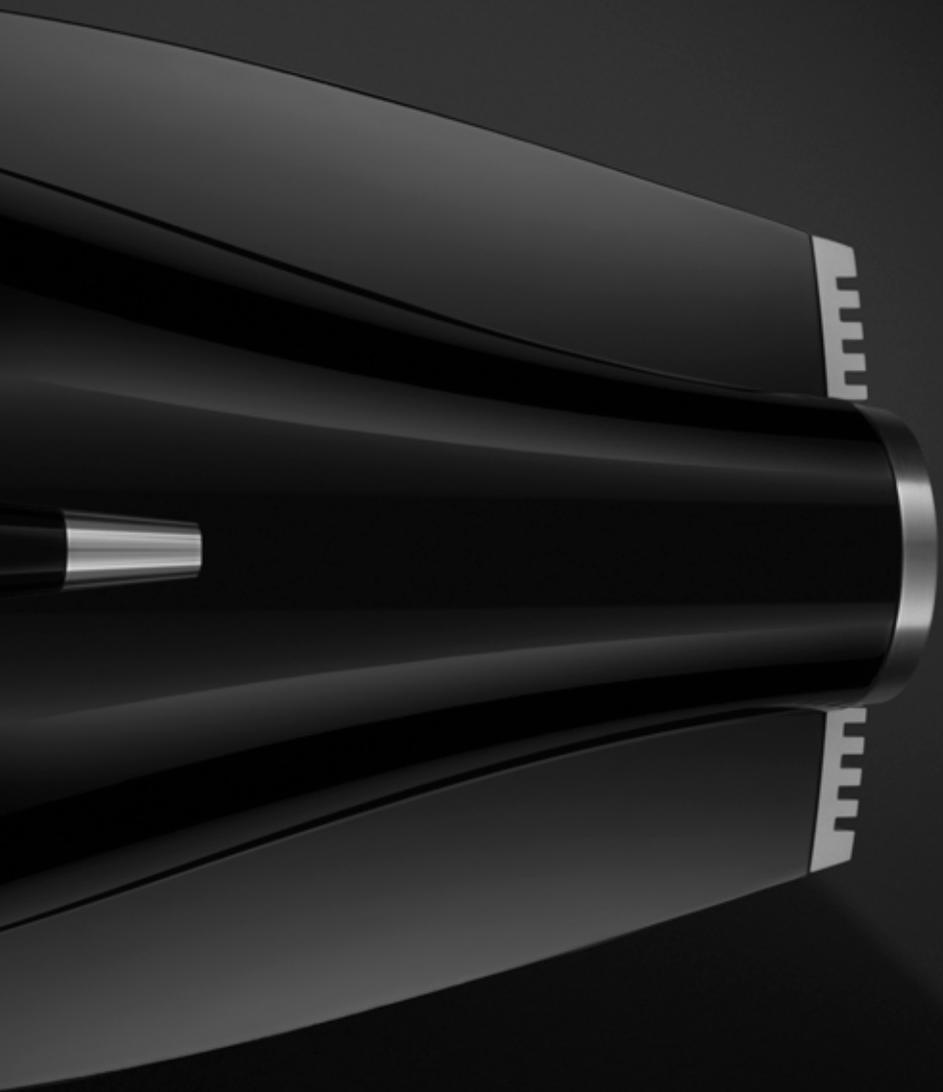


A pioneering legacy The original 801 speaker changed the game for the audio industry when it was launched in 1979. Right from the start, our flagship speaker was acclaimed as the benchmark for acoustic performance. Each successive re-launch raised the bar higher. And now we've done it again. The 800 D3 pushes the boundaries further than ever before. And sets a whole new standard for speaker performance.







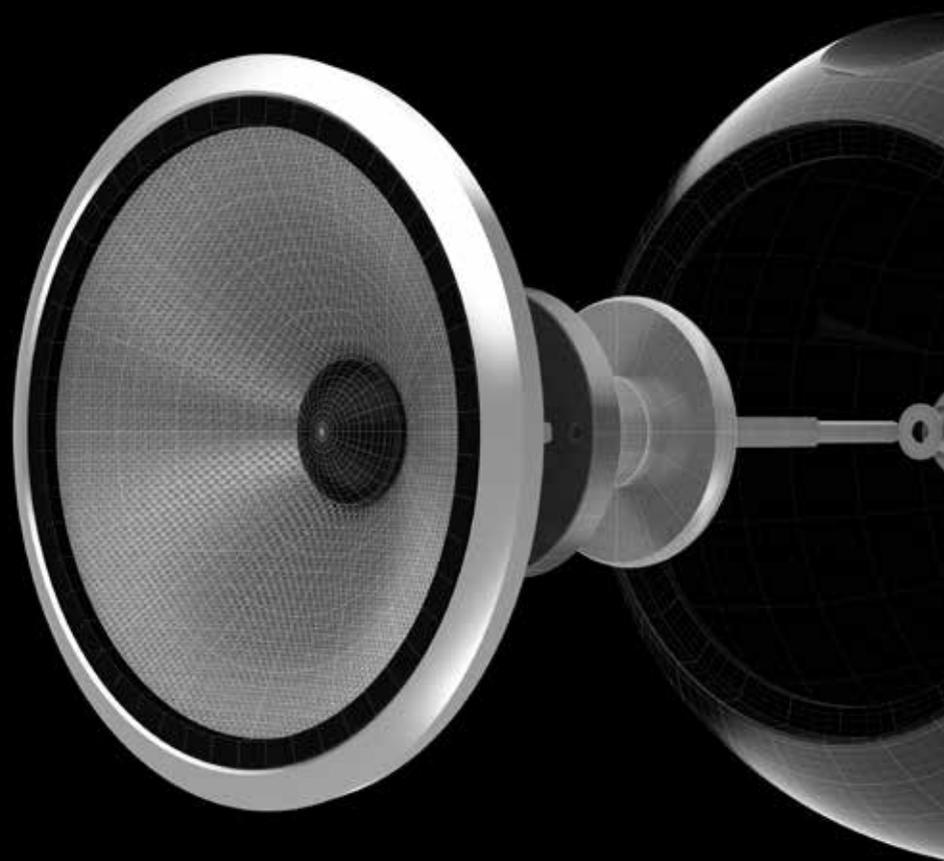


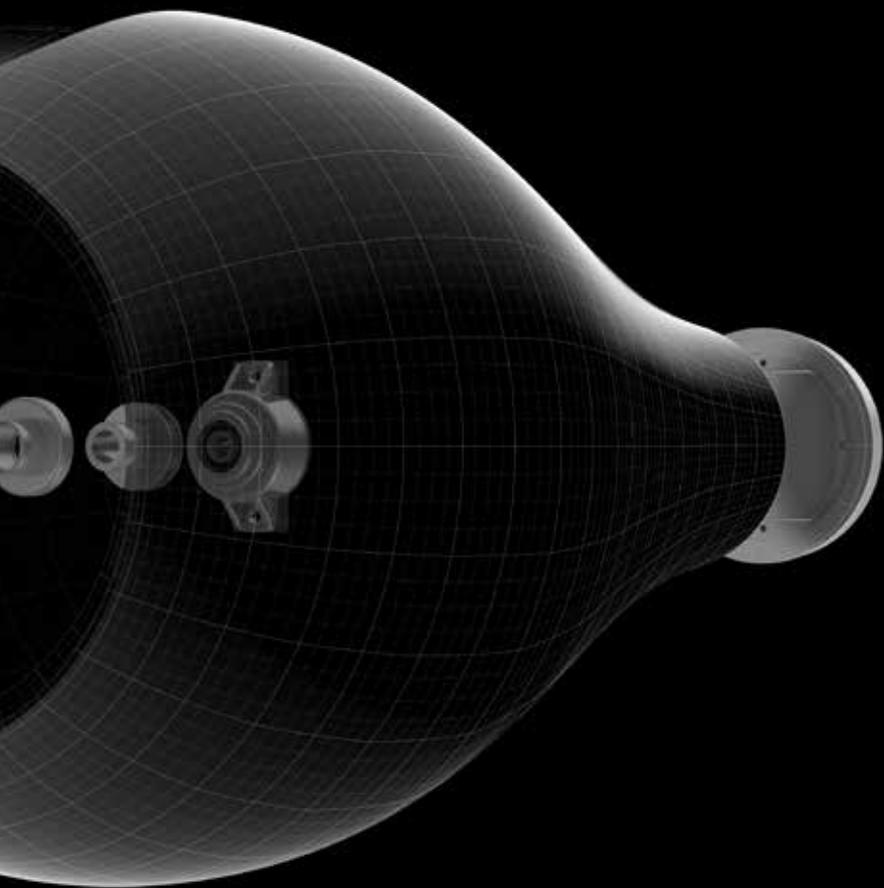
Radical reinvention The 800 D3 is the outcome of one of the most ambitious research and development projects we have ever undertaken. Its design incorporates a dramatic 868 changes over the model it replaces and its performance makes every bit as powerful a statement of our intent. This loudspeaker isn't an evolution. It's a revolution.

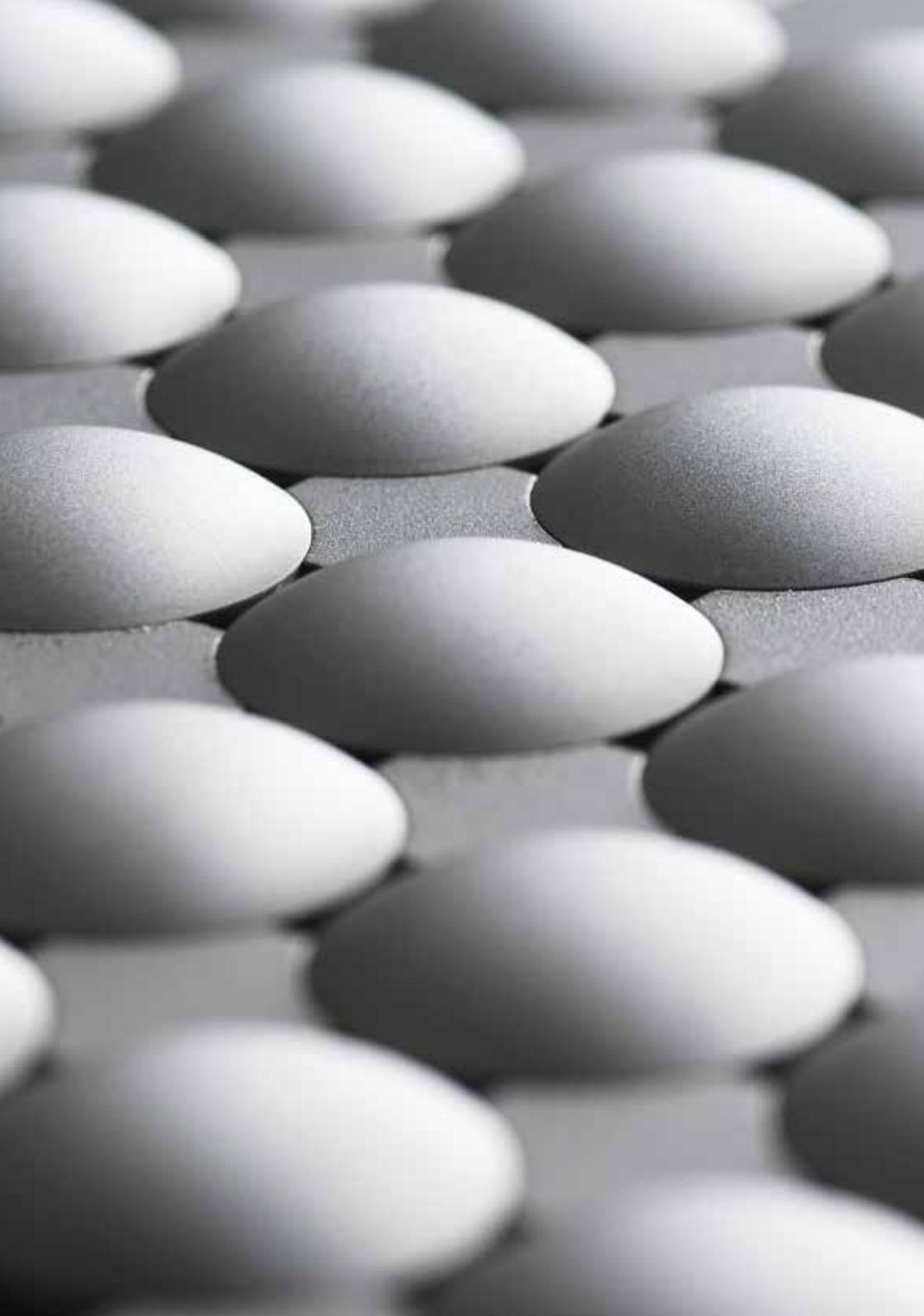
Continuum cone

The 6in FST™ midrange drive unit in the 800 D3 uses Bowers & Wilkins' new Continuum woven material. Developed over an eight-year research project, it represents a significant step forward over Aramid Fibre.









The future starts here The 800 D3 is driven by technological innovation. From drive units to cabinet geometry, every major component has been rethought and reinvented. And the rulebook for loudspeaker design has been ripped up and rewritten in the process. The future of loudspeaker technology starts here.

Diamond domes

The tweeter domes of the 800 D3 are formed of diamond, a super-material with ideal properties for delivering high frequency sound.



Solid-body tweeter

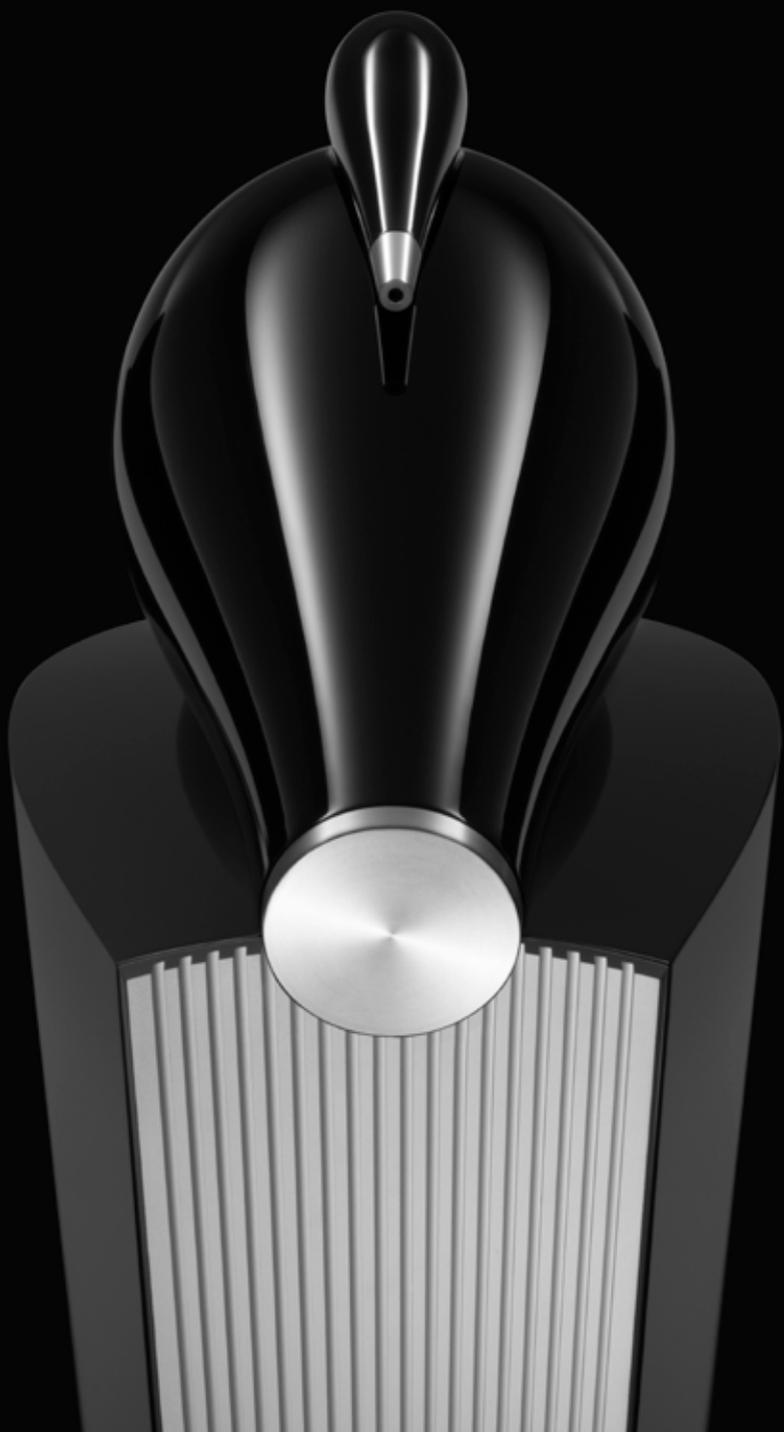
To eliminate unwanted resonances travelling through the structure and ensure cleaner treble from the Diamond Dome, the tweeter housing in the new 800 D3 is milled from a single solid billet of aluminium.



Matrix™

The latest iteration of the acclaimed Matrix structure has been computer-optimised for maximum stiffness. It uses stiff plywood panels reinforced with aluminium sections and is rigidly coupled to the inner face of the 800 D3 cabinet with thick steel plates.





Where music begins The music you hear everywhere was heard first on 800 Series Diamond speakers. Ever since it was first introduced, the range has become the choice of artists, composers and top recording studios. Every day, musicians and sound engineers depend on 800 Series Diamond speakers to monitor music, safe in the knowledge that the sound in the control room will be faithful to the performance in the studio.

The professionals' choice

As the choice of major studios, our flagship 800 Series has played a vital role in the history of recorded music since the 1970s.







Listen and you'll see For some, it's enough just to hear music. But others want to feel it. To savour every spine-tingling nuance and detail. To be as close to a musical performance as if they were there, with the artist at the moment it was recorded. We've been dedicated to realising this dream for 50 years. It's been quite a journey. And when you listen to the 800 D3, you'll know how far we've come.



Downs & Wilkins

Specifications

Technical features	Diamond Tweeter Continuum Cone FST™ Anti-Resonance plug Turbine head Aerofoil cone bass units Flowport™ Optimised Matrix Solid body tweeter
Description	3-way vented-box system
Drive Units	1× ø25mm (1 in) diamond dome high-frequency 1× ø150mm (6 in) Continuum cone FST midrange 2× ø250mm (10 in) Aerofoil cone bass units
Frequency range	13Hz to 35kHz
Frequency response (+/-3dB from reference axis)	15Hz to 28kHz
Sensitivity (1m on axis at 2.83Vrms)	90dB
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m on axis) <1% 50Hz – 20kHz <0.3% 70Hz – 20kHz

Nominal impedance (min)	8Ω (minimum 3.0Ω)	
Recommended amplifier power	50W – 500W into 8Ω on unclipped programme	
Max. recommended cable impedance	0.1Ω	
Dimensions	Height: 1217mm Width: 413mm Depth: 611mm	
Net weight	96kg (212lb)	
Finishes	Cabinet:	Grille:
	Rosenut	Black
	Gloss black	Black
	Satin white	Grey



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