

Bowers & Wilkins

700 Series









Studio Sound comes home

The new Bowers & Wilkins 700 Series is defined by elegance and driven by performance. Every model in our most extensive range is inspired by the recording studio and enabled by cutting-edge technologies first developed for our flagship 800 Series Diamond.

The 700 Series contains eight models: there's a speaker to suit every home and every requirement, whether your passion is high-performance stereo, immersive home cinema or a mix of both. Every model combines slim, elegant proportions with a choice of exquisite finishes. With the new 700 Series, Studio Sound comes home.

Studio Sound your way

This is our most extensive range: 700 Series range features floorstanding, standmount and bookshelf speakers, meaning you can get precision sound in any size of room, however you prefer to listen.



Bring Hollywood home



With two centre channel speakers to choose from plus the option of matching subwoofers, in-wall and in-ceiling speakers, the new 700 Series performs brilliantly in any home cinema set-up.

702 S3

702 S3 is our flagship: a state-of-the-art Floorstanding speaker that defines new standards for performance in its class. Its Carbon Dome tweeter is housed in an all-new Solid Body Tweeter assembly, derived from the latest generation of 800 Series Diamond.

That ensures even more realistic treble, while its decoupled midrange assembly, enhanced here with our revolutionary Biomimetic Suspension, provides outstanding midrange transparency and openness. And thanks to its new downward-firing port configuration and its trio of Aerofoil Profile bass cones, 702 S3 can deliver bass that's both profoundly deep and endlessly articulate.

If you want the best, this is it.



703 S3



The new 703 S3 now features our iconic Tweeter-on-Top configuration, transforming its ability to render detail and space. That breakthrough, plus its decoupled FST™ Continuum cone midrange driver – enhanced by the addition of our revolutionary new Biomimetic Suspension – combine to make 703 S3 an exceptional loudspeaker. Its twin Aerofoil Profile bass drivers mean it can fill even the largest rooms with full bodied, realistic sound.

704 S3

If space is at a premium, 704 S3 provides the answer. The slimmest floorstanding loudspeaker Bowers & Wilkins makes, it still packs a mighty punch, with its twin Aerofoil Profile bass drivers ensuring ample extension and scale. Thanks to its decoupled Continuum cone FST™ midrange driver – enhanced here with our Biomimetic Suspension – it's capable of delivering crystal clear midrange performance.



705 S3



705 S3 is our ultimate 700 Series standmount speaker, a no-holds-barred celebration of excellence able to highlight all the subtle nuances in your music that other speakers miss. Its Carbon Dome tweeter is housed in a Solid Body Tweeter-on-Top enclosure evolved from the latest generation of 800 Series Diamond. That joins a new and subtly curved baffle endowed with an all-new 'pod' housing for its Continuum Cone bass/midrange driver, ensuring that you hear less of the speaker's cabinet, and more of the music you love.

706 S3

The 706 S3 is an outstanding standmount loudspeaker for use in larger spaces. Thanks to its decoupled Carbon Dome tweeter and carefully upgraded crossover, it provides exceptional detail and insight into your music, while its substantial 165mm (6.5in) Continuum Cone bass/midrange drive unit provides ample scale and extension. Like its 705 S3 sibling, it performs at its best on the optional FS-700 S3 stand.



707 S3



707 S3 excels on the FS-700 S3 stand, but it's also a superlative bookshelf loudspeaker. Its compact, space friendly design makes it easy to accommodate in smaller spaces, but thanks to its Carbon Dome tweeter, Continuum cone mid-bass and curved baffle, this outstanding loudspeaker provides proof positive than often, size can be deceptive.



HTM71 S3 Our flagship centre-channel features a Carbon Dome drive unit housed in a Tweeter-on-Top enclosure, and a new 130mm (5in) Continuum Cone FST™ midrange driver complete with our Biomimetic Suspension – particularly important for clarity with dialogue. It's the perfect match for its 705 S3, 703 S3 and 702 S3 stablemates.



HTM72 S3 HTM72 S3 is the more compact centre channel speaker in the new 700 Series. It features a Carbon Dome tweeter and twin Continuum cone Mid/Bass drivers. It's the perfect partner for a home theatre system based around the 704 S3, 706 S3 or 707 S3.



FS-700 S3 700 Series stand-mount loudspeakers work best on our elegant FS-700 S3 stands. Available in black and silver finishes, the upgraded design includes cable management, a subtle curvature to each column to match the speakers, and the fillable columns can be mass-loaded for outstanding stability and quietness.



DB4S subwoofer Powered by a mighty 1000w of digital amplification, and featuring the same Aerofoil™ cone drive unit technology found in the 800 Series Diamond, the DB4S delivers unrivalled precision, control and authority. It's the perfect partner for 700 Series speakers in a home audio set-up.



Technologies

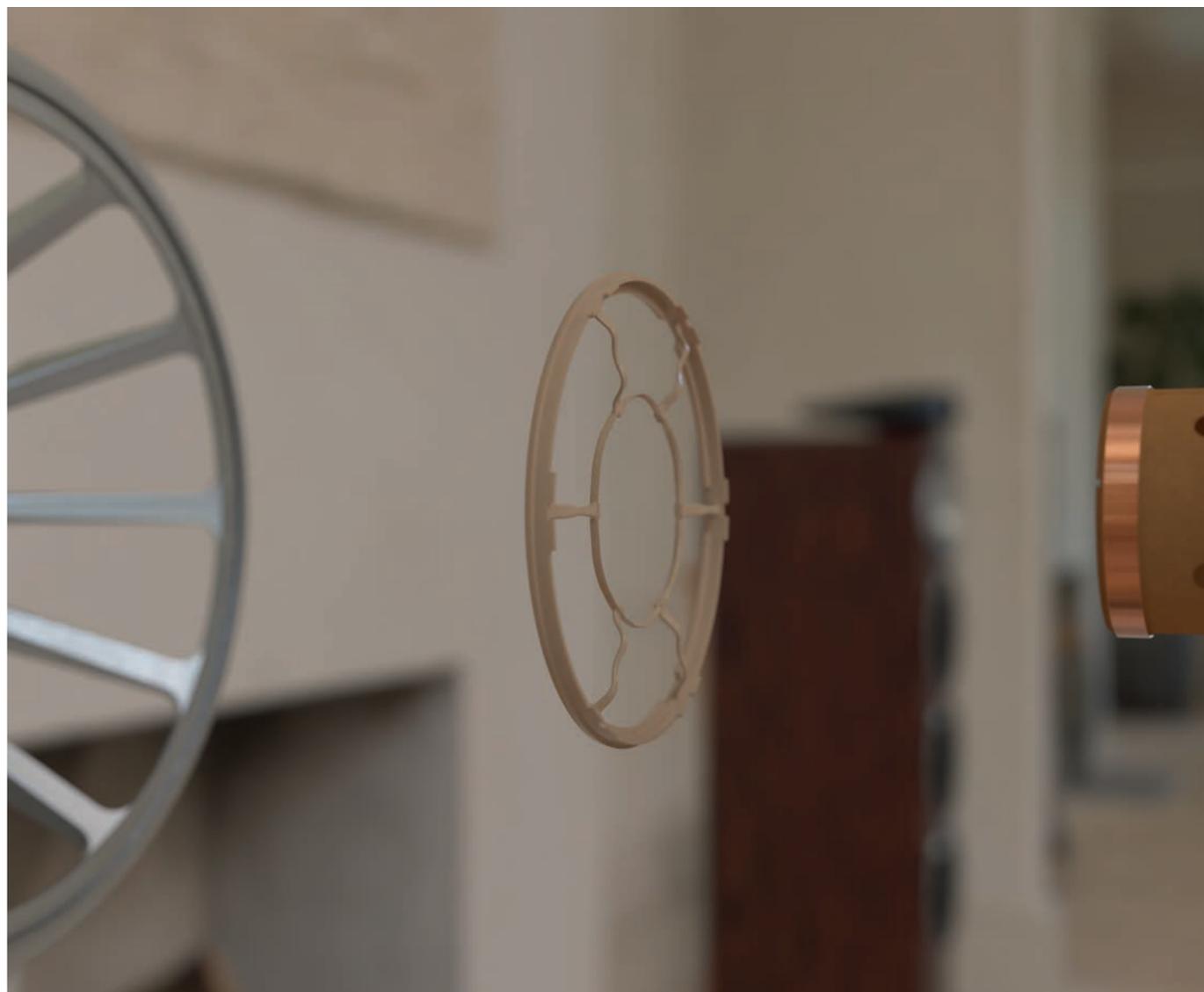
Precision Sound 700 Series uses a wealth of state-of-the-art technologies derived from our award-winning 800 Series Diamond range to provide a best-in class audio experience.

Solid Body Tweeter The 700 Series features the latest generation of our iconic Solid Body Tweeter-on-Top housing. Its new, more elongated form incorporates a longer tube loading system to produce an even more free and open sound with high frequencies. The carefully decoupled housing is milled from a single solid block of aluminium to better resist resonance.

Carbon Dome Tweeter Carbon Dome tweeters are purpose-built for the 700 Series. Delivering a dramatic improvement on the aluminium double dome tweeter, they raise the breakup threshold to 47kHz, for pinpoint imaging accuracy and detail.



Biomimetic Suspension Sometimes, making a big difference takes unconventional thinking. The transition from our famous yellow Aramid Fibre midrange cones to our Continuum cone technology resulted in a massive improvement to midrange performance. Now, we've turned our attention to another crucial element in a loudspeaker cone: the fabric spider. The new Biomimetic Suspension revolutionises midrange cone performance by greatly reducing the unwanted air pressure and coloration that a conventional fabric spider can generate. The result? Midrange transparency you wouldn't believe possible.



Decoupled Midrange assembly Every three-way loudspeaker in the new 700 Series has a dedicated midrange cone using four key Bowers & Wilkins technologies: the Continuum cone, FST™, Biomimetic Suspension and midrange decoupling, the latter ensuring minimal interference from the operation of the loudspeaker's bass drivers.



Continuum™ cone Thanks to its composite construction, the Continuum™ cone avoids the abrupt transitions in behaviour that can impair the performance of a conventional drive unit. The result is a more open, neutral performance that delivers voices and instruments with precision and transparency.

Curved Baffle The new 700 Series features a curved front baffle for the first time. This allows the midrange and bass drivers to be located in individual pod-type housings that sit proud of the speaker baffle. When combined with the curvature of the structure, this new approach – derived from the 800 Series Diamond – reduces the audible impact of the cabinet, creating a cleaner, more open and more immersive sound.



Aerofoil™ Profile bass cone Developed using advanced computer modelling techniques, the Aerofoil™ Profile bass cone has variable thickness, providing stiffness and rigidity where it's needed most. The result: deep and dynamic bass.



Meaningful Design



Thanks to its svelte proportions, premium detailing and subtly curved cabinet form – plus the option of an all new Mocha finish – the new 700 Series range is both beautiful and effortlessly elegant.

The 700 Series is available in a choice of four* elegant finishes. Mocha, Satin White, Gloss Black and Rosenuot.

*Not all finishes are available in all markets



Specifications

	702 S3	703 S3	704 S3	
Technical features	Decoupled Carbon Dome tweeter Solid Body Tweeter-on-Top Continuum™ cone FST™ midrange Decoupled midrange Aerofoil™ Profile bass cones Flowport™	Decoupled Carbon Dome tweeter Solid Body Tweeter-on-Top Continuum™ cone FST™ midrange Decoupled midrange Aerofoil™ Profile bass cones Flowport™	Decoupled Carbon Dome tweeter Continuum™ cone FST™ midrange Decoupled midrange Aerofoil™ Profile bass cones Flowport™	
Description	3-way vented-box system	3-way vented-box system	3-way vented-box system	
Drive units	1x ø25mm (1in) Decoupled Carbon Dome high-frequency 1x ø150mm (6in) Continuum cone FST midrange 3x ø165mm (6.5in) Aerofoil Profile bass	1x ø25mm (1in) Decoupled Carbon Dome high-frequency 1x ø150mm (6in) Continuum cone FST midrange 2x ø165mm (6.5in) Aerofoil Profile bass	1x ø25mm (1in) Decoupled Carbon Dome high-frequency 1x ø130mm (5in) Continuum cone FST midrange 2x ø130mm (5in) Aerofoil Profile bass	
Frequency range	28Hz to 33kHz	30Hz to 33kHz	43Hz to 33kHz	
Frequency response (+/-3dB from reference axis)	46Hz - 28kHz	46Hz - 28kHz	48Hz - 28kHz	
Sensitivity (on axis at 2.83Vrms at 1m)	90dB	90dB	88dB	
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m on axis) <1% 86Hz - 28kHz <0.5% 110Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m on axis) <1% 90Hz - 22kHz <0.5% 120Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m on axis) <1% 100Hz - 22kHz <0.5% 300Hz - 20kHz	
Nominal impedance	8Ω (minimum 3.1Ω)	8Ω (minimum 3.1Ω)	8Ω (minimum 3.1Ω)	
Recommended amplifier power	30W - 300W into 8Ω on unclipped programme	30W - 200W into 8Ω on unclipped programme	30W - 150W into 8Ω on unclipped programme	
Max. recommended cable impedance	0.1Ω	0.1Ω	0.1Ω	
Dimensions	Height: 1010mm cabinet only 1138mm including tweeter and plinth Width: 192mm cabinet only 290mm including plinth Depth: 354mm cabinet only 391mm including grille and terminals 410mm including plinth	1010mm cabinet only 1117mm including tweeter and plinth 192mm cabinet only 290mm including plinth 316mm cabinet only 353mm including grille and terminals 372mm including plinth	925mm cabinet only 964mm including tweeter and plinth 165mm cabinet only 252mm including plinth 263mm cabinet only 300mm including grille and terminals 321mm including plinth	
Net weight	33.5kg (73.8lbs)	28.8kg (63.5lbs)	20.5kg (45.3lbs)	
Finishes	Cabinet: Gloss Black Satin White Mocha Rosenut (APAC only)	Grille: Black Grey Black Black	Cabinet: Gloss Black Satin White Mocha Rosenut (APAC only)	Grille: Black Grey Black Black



Specifications

	705 S3	706 S3	707 S3	HTM71 S3	HTM72 S3		DB4S
Technical features	Decoupled Carbon Dome tweeter Solid Body Tweeter-on-Top Continuum™ cone bass / midrange Flowport™	Decoupled Carbon Dome tweeter Continuum™ cone bass / midrange Flowport™	Decoupled Carbon Dome tweeter Continuum™ cone bass / midrange Flowport™	Decoupled Carbon Dome tweeter Solid Body Tweeter-on-Top Continuum™ cone FST midrange Aerofoil™ Profile bass cones Flowport™	Decoupled Carbon Dome tweeter Continuum™ cone bass / midrange Flowport™	Technical features	1000W Class D Hypex amplifier 1 x 250mm (10in) Aerofoil-cone drive units in a closed box configuration Digital preamplifier with Dynamic EQ, App-based set-up and BT-LE control
Description	2-way vented-box system	2-way vented-box system	2-way vented-box system	3-way vented-box system	2-way vented-box system	Description	DB Series Subwoofer
Drive units	1x ø25mm (1in) Decoupled Carbon Dome high-frequency 1x ø165mm (6.5in) Continuum cone bass / midrange	1x ø25mm (1in) Decoupled Carbon Dome high-frequency 1x ø165mm (6.5in) Continuum cone bass / midrange	1x ø25mm (1in) Decoupled Carbon Dome high-frequency 1x ø130mm (5in) Continuum cone bass / midrange	1x ø25mm (1in) Decoupled Carbon Dome high-frequency 1x ø130mm (5in) Continuum cone FST midrange 2x ø130mm (5in) Aerofoil Profile bass	1x ø25mm (1in) Decoupled Carbon Dome high-frequency 2x ø130mm (5in) Continuum cone bass / midrange	Drive units	1 x 250mm (10in) Aerofoil cone bass unit
Frequency range	45Hz to 33kHz	45Hz to 33kHz	45Hz to 33kHz	45Hz to 33kHz	48Hz to 33kHz	Frequency range (-6dB)	8.5Hz - 500Hz
Frequency response (+/-3dB from reference axis)	50Hz - 28kHz	50Hz - 28kHz	50Hz - 28kHz	50Hz - 28kHz	70Hz - 28kHz	Frequency Response -3dB (centred on level at 100Hz)	10Hz - 350Hz
Sensitivity (on axis at 2.83Vrms at 1m)	88dB	88dB	84dB	89dB	87dB	Max power output	1000W
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m on axis) <1% 100Hz - 22kHz <0.5% 150Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m on axis) <1% 100Hz - 22kHz <0.5% 150Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m on axis) <1% 110Hz - 22kHz <0.5% 150Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m on axis) <1% 90Hz - 22kHz <0.5% 120Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m on axis) <1% 100Hz - 22kHz <0.5% 200Hz - 22kHz	Rated Power	195W
Nominal impedance	8Ω (minimum 3.7Ω)	8Ω (minimum 3.7Ω)	8Ω (minimum 4.0Ω)	8Ω (minimum 3.0Ω)	8Ω (minimum 4.3Ω)	Standby Power Consumption	<0.5W
Recommended amplifier power	30W - 120W into 8Ω on unclipped programme	30W - 120W into 8Ω on unclipped programme	30W - 100W into 8Ω on unclipped programme	30W - 200W into 8Ω on unclipped programme	30W - 120W into 8Ω on unclipped programme	Inputs	2 x RCA 2 x XLR
Max. recommended cable impedance	0.1Ω	0.1Ω	0.1Ω	0.1Ω	0.1Ω	Input Impedance	RCA: 10 kOhm XLR: 20 kOhm
Dimensions	Height: 345mm cabinet only 413mm including tweeter 1 Width: 92mm cabinet only Depth: 297mm cabinet only 337mm including grille and terminals	345mm cabinet only 1 92mm cabinet only 297mm cabinet only 334mm including grille and terminals	300mm cabinet only 165mm cabinet only 247mm cabinet only 284mm including grille and terminals	165mm cabinet only 233mm including tweeter 628mm cabinet only 318mm cabinet only 356mm including grille and terminals	165mm cabinet only 477mm cabinet only 266mm cabinet only 302mm including grille and terminals	Dimensions	Height: 377mm including feet Width: 360mm Depth: 368mm
Net weight	9.6kg (21.1lbs)	8.4kg (18.6lbs)	6.2kg (13.6lbs)	17.5kg (38.5lbs)	9.7kg (21.3lbs)	Net weight	26kg (57.3 lb)
Finishes	Cabinet: Gloss Black Satin White Mocha Rosenut (APAC only) Grille: Black Grey Black Black	Cabinet: Gloss Black Satin White Mocha Rosenut (APAC only) Grille: Black Grey Black Black	Cabinet: Gloss Black Satin White Mocha Rosenut (APAC only) Grille: Black Grey Black Black	Cabinet: Gloss Black Satin White Mocha Rosenut (APAC only) Grille: Black Grey Black Black	Cabinet: Gloss Black Satin White Mocha Rosenut (APAC only) Grille: Black Grey Black Black	Cabinet: Gloss Black Satin White Mocha Rosenut (APAC only) Grille: Black Grey Black Black	Cabinet: Gloss Black Satin White Rosenut Grille: Black Black Grey Black











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