

Bowers & Wilkins

The new 700 Series



# Studio sound comes home

Bring the breathtaking clarity and definition of studio sound home with the new 700 Series. Replacing the CM Series, the range combines studio-grade 800 Series Diamond technologies with purpose-built innovations to elevate home audio to an entirely new level. And all this from room-friendly cabinets designed to fit beautifully into your home environment. The new 700 Series. Inspired by recording studios. Made for living rooms.





# 702 S2

Featuring a Carbon Dome™ tweeter in a solid-body housing and a decoupled Continuum™ midrange, the 700 Series' flagship floorstander brings studio-quality sound to your home audio set up. The speaker relays textural details with goosebump-inducing accuracy, making even large-scale recordings sound stunningly lifelike.



# 705 S2

With state of the art features such as the tweeter-on-top design borrowed from the 800 Series Diamond, this uncompromising high performance two-way speaker reveals subtle nuances in music others miss. Even challenging instruments such as the piano are conveyed with uncanny realism, presence and transparency.



703 S2

A substantial, uncompromising three-way floorstander built to fill even the largest rooms with full-blooded, realistic sound. Powerful bass lines come roaring to life, while the speaker's dedicated Continuum™ midrange driver and Carbon Dome tweeter lend an astonishing clarity to vocals and treble effects.



# 704 S2

A slim, elegant floorstander designed to blend unobtrusively into your home environment, while providing the commanding presence of a much larger speaker. Music is a revelation, with details picked out in pin-sharp detail and with exceptional realism.



# 706 S2

The 706 is a bookshelf/standmount speaker with the acoustic heft to satisfy the demands of bigger rooms, thanks to its large midrange/bass drive unit. The speaker provides real musical insight into recordings, with details and spaciousness preserved intact.



707 S2

Small speaker, big sound. Ideal for smaller rooms, and designed for use on bookshelf or stand, the 707 produces tremendous highs and depths for a compact unit. Its two-way design and advanced drive units make for a sound that's clear, powerful and remarkably cohesive.



# Home Cinema



Providing the ideal balance of high-performance acoustics and living room-friendly dimensions, 700 Series speakers are a superlative choice for home cinema sound. Pair them with one of the two centre-channel speakers in the range and the powerful DB4S subwoofer, and you're set for a truly transformational movie experience.



## HTM71

This large three-way centre-channel speaker delivers unprecedented power and transparency, for totally convincing voice reproduction. It's designed to be paired with larger speakers in the range, such as the 703 floorstanders.



## HTM72

This high performance two-way centre speaker is a great choice for home cinema set-ups in smaller rooms, where space is at a premium. Partner it up with the more compact 700 Series speakers, such as the 706 or the 704.



## DB4S

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.



In leading recording studios, music that will soon be heard everywhere is heard first through Bowers & Wilkins speakers.

**“Bowers & Wilkins speakers are the only speakers I have found that enable me to accurately listen to how the original performance has been recorded.”**

Peter Cobbin, producer and sound engineer. Recent feature film work includes *Rogue One: A Star Wars Story*, *Doctor Strange* and *Alien: Covenant*.



## From artist to listener

A great speaker does more than allow you to hear music. It acts as a bridge – a way to close the divide between listener and performance. Listen to 700 Series speakers, and music feels alive. You discover details you never noticed before. You can place every instrument, every note, every intake of breath, with flawless accuracy. You can sense the emotion in the room. Suddenly, you're no longer just listening to a recorded performance. You're right there, with the performer in the studio.

# Sound notes



When it comes to testing loudspeaker performance, nothing beats the human ear. Our speakers are developed and tuned through thousands of hours of listening, across a range of musical styles and genres. Our engineers listen for subtle qualities such as resolution, spatial placement and other key markers for acoustic performance. Here are some of the tracks we think bring out the best in the 700 Series.

## **Macy Gray**

Stripped  
*Annabelle*

“Beautifully recorded (in a decommissioned Brooklyn Church), this live set has realism and insight to burn. The textural details, most notably in the guitar, are just superb.”

## **Deadmau5**

While (1<2)  
*Seeya, featuring Colleen D’Agostino*

“Syncing ferociously powerful electro-bass with a real-life bass guitar, this taut, hammering progressive house monster is a great tester for the range’s three-way loudspeakers.”

## **Mozart**

*Piano Sonatas K.283 & K.331,  
Fantasia K.397 (Ivo Pogorelich)  
Andante-Adagio-Allegretto*

“This stunning recording has exceptional presence and realism and it’s a phenomenal tester for both resolution and spaciousness.”

## **Lou Reed**

The Raven  
*Vanishing Act*

“Look for details such as the amplifier gain being turned up on his microphone just before he starts to sing, plus the soft shimmer of the hi-hats in the back of the studio.”

## **Sonny Boy Williamson**

Keep It To Ourselves  
*Don’t Let Your Right Hand Know*

“It’s an astonishingly real and occasionally quite noisy recording that captures everything in (and outside) the studio, warts and all.”

## **Scout Niblett**

Kidnapped by Neptune  
*Lullaby for Scout in Ten Years*

“Hailing from the Midlands but with a searing sound straight out of Seattle, Niblett’s Black Flag-inflected rock sounds formidable on any model in the range, most especially the 705 and 702. Her biting vocals and over-driven guitar sound arrestingly realistic and full of energy.”

# Technology



The 700 Series is an entirely new range of speakers. Compared with the outgoing CM Series, every transducer has changed and radically improved. To do this, we've borrowed some of the most advanced technologies from our flagship 800 Series Diamond, adapting them to suit a more attainable price point. And we've introduced entirely new technologies, designed specifically for this range.

**Solid body tweeter**

The 705 and 702 speakers employ solid body tweeters, a high-performance design feature found previously only on the 800 Series Diamond. Its acoustically optimised form is milled from a solid block of aluminium, forming a structure that's exceptionally inert and resistant to resonances.



**Carbon Dome™ tweeter**

Carbon Dome tweeters are a brand new technology 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.



**Continuum™ cone**

First introduced with the 800 Series Diamond, the Continuum cone represents the biggest step-change in midrange performance since Kevlar®. Its woven coated material provides highly controlled break-up, resulting in a more open, neutral midrange.



### Midrange chassis

The three floor-standing loudspeakers in the range employ a new FEA-optimised aluminium chassis for the midrange drivers. This new design is stiffer than the zinc chassis of the CM Series, for improved control and cleaner midrange presentation.



### Aerofoil™ Profile cone

The new Aerofoil Profile bass cone has the same variable thickness design as the bass cones in 800 Series Diamond speakers. Developed using advanced computer modeling techniques, it provides stiffness and rigidity where it's needed most, for deep and dynamic bass.

### Decoupled midrange

The midrange drivers in the floor-standers also feature a decoupled design, adapted from a similar system in the 800 Series Diamond. Decoupling reduces cabinet colouration, and further improves midrange clarity.



# Engineering is beautiful



Designers often argue that a product's functional and aesthetic qualities are closely related. We couldn't agree more. In fact, the solid body tweeter on top of the 705 and 702 speakers is a case in point. It's an object engineered first and foremost for acoustic performance. But in its minimal simplicity, it's also undeniably beautiful. It's a philosophy that runs deep in the DNA of the 700 Series. A speaker range that's music to your ears. And very easy on your eyes.





# Specifications

## Finishes

The range comes in a choice of three finishes to match your home environment: Gloss Black, Satin White or Rosenut.



Gloss Black



Satin White



Rosenut



	<b>702 S2</b>	<b>705 S2</b>	<b>703 S2</b>	<b>704 S2</b>	<b>706 S2</b>	<b>707 S2</b>	<b>FS-700 S2</b>	<b>HTM71 S2</b>	<b>HTM72 S2</b>	<b>DB4S</b>		
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 bass / midrange Flowport	Decoupled Carbon Dome tweeter 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	Decoupled Carbon Dome tweeter Continuum cone bass / midrange Flowport	Decoupled Carbon Dome tweeter Continuum cone bass / midrange Flowport		Decoupled Carbon Dome tweeter 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 Aerofoil bass cone Digital preamplifier with Dynamic EQ App-based set-up and BT-LE control	
Description	3-way vented-box system	2-way vented-box system	3-way vented-box system	3-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	Active closed-box subwoofer system	
Drive Units	1x ø25mm (1 in) Decoupled Carbon Dome high-frequency 1x ø150mm (6 in) Continuum cone FST midrange 3x ø165mm (6.5 in) Aerofoil Profile bass	1x ø25mm (1 in) Decoupled Carbon Dome high-frequency 1x ø165mm (6.5 in) Continuum cone bass / midrange	1x ø25mm (1 in) Decoupled Carbon Dome high-frequency 1x ø150mm (6 in) Continuum cone FST midrange 2x ø165mm (6.5 in) Aerofoil Profile bass	1x ø25mm (1 in) Decoupled Carbon Dome high-frequency 1x ø130mm (5 in) Continuum cone FST midrange 2x ø130mm (5 in) Aerofoil Profile bass	1x ø25mm (1 in) Decoupled Carbon Dome high-frequency 1x ø165mm (6.5 in) Continuum cone bass / midrange			1x ø25mm (1 in) Decoupled Carbon Dome high-frequency 1x ø100mm (4 in) Continuum cone FST midrange 2x ø165mm (6.5 in) Aerofoil Profile bass	1x ø25mm (1 in) Decoupled Carbon Dome high-frequency 2x ø130mm (5 in) Continuum cone bass / midrange	Drive Units	1x ø250mm (10in) Aerofoil cone bass	
Frequency range (-6dB)	-6dB at 28Hz and 33kHz	-6dB at 45Hz and 33kHz	-6dB at 30Hz and 33kHz	-6dB at 43Hz and 33kHz	-6dB at 45Hz and 33kHz	-6dB at 45Hz and 33kHz		-6dB at 45Hz and 33kHz	-6dB at 48Hz and 33kHz	Frequency range	-6dB at 8.5Hz and 500Hz	
Frequency response	45Hz - 28kHz ±3dB	50Hz - 28kHz ±3dB	46Hz - 28kHz ±3dB	48Hz - 28kHz ±3dB	50Hz - 28kHz ±3dB	50Hz - 28kHz ±3dB		50Hz - 28kHz ±3dB	70Hz - 28kHz ±3dB	Frequency response	10Hz - 350Hz -3dB (centred on level at 100Hz)	
Sensitivity	90dB spl (2.83V <sub>RMS</sub> , 1m)	88dB spl (2.83V <sub>RMS</sub> , 1m)	89dB spl (2.83V <sub>RMS</sub> , 1m)	88dB spl (2.83V <sub>RMS</sub> , 1m)	88dB spl (2.83V <sub>RMS</sub> , 1m)	84dB spl (2.83V <sub>RMS</sub> , 1m)		89dB spl (2.83V <sub>RMS</sub> , 1m)	87dB spl (2.83V <sub>RMS</sub> , 1m)	Max Power Output	1000W	
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m) <1% 86Hz - 28kHz <0.5% 110Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m) <1% 100Hz - 22kHz <0.5% 150Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m) <1% 90Hz - 22kHz <0.5% 120Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m) <1% 100Hz - 22kHz <0.5% 300Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m) <1% 100Hz - 22kHz <0.5% 150Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m) <1% 100Hz - 22kHz	2nd and 3rd harmonics (90dB, 1m) <1% 110Hz - 22kHz		2nd and 3rd harmonics (90dB, 1m) <1% 90Hz - 22kHz <0.5% 120Hz - 20kHz	2nd and 3rd harmonics (90dB, 1m) <1% 100Hz - 22kHz <0.5% 200Hz - 22kHz	Rated Power Consumption at 1/8th of rated power	195W
Nominal impedance	8Ω (minimum 3.1Ω)	8Ω (minimum 3.7Ω)	8Ω (minimum 3.1Ω)	8Ω (minimum 3.1Ω)	8Ω (minimum 3.7Ω)	8Ω (minimum 4.0Ω)		8Ω (minimum 3Ω)	8Ω (minimum 4.3Ω)	Standby Power Consumption	<0.5W	
Recommended amplifier power	30W - 300W into 8Ω on unclipped programme	30W - 120W into 8Ω on unclipped programme	30W - 200W into 8Ω on unclipped programme	30W - 150W 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 RCA: 10 kOhm XLR: 20 kOhm 82dB	
Dimensions	Height: 994mm (39 in) cabinet only 1087mm (42.8 in) including tweeter and plinth Width: 200mm (7.9 in) cabinet only 366mm (14.4 in) including plinth Depth: 337mm (13.3 in) cabinet only 364mm (14.3 in) including grille and terminals 414mm (16.3 in) including plinth	Height: 340mm (13.4 in) cabinet only 407mm (16 in) including tweeter Width: 200mm (7.8 in) Depth: 285mm (11.2 in) cabinet only 301mm (11.9 in) including grille and terminals	Height: 990mm (39 in) cabinet only 1025mm (40.4 in) including plinth Width: 200mm (7.9 in) cabinet only 320mm (12.6 in) including plinth Depth: 300mm (11.8 in) cabinet only 321mm (12.6 in) including grille and terminals 370mm (14.6 in) including plinth	Height: 925mm (36.4 in) cabinet only 959mm (37.8 in) including plinth Width: 165mm (6.5 in) cabinet only 252mm (9.9 in) including plinth Depth: 255mm (10 in) cabinet only 277mm (10.9 in) including grille and terminals 298mm (11.7 in) including plinth	Height: 340mm (13.4 in) Width: 200mm (7.8 in) Depth: 285mm (11.2 in) cabinet only 301mm (11.9 in) including grille and terminals	Height: 280mm (11 in) Width: 165mm (6.5 in) Depth: 260mm (10.2 in) cabinet only 276mm (10.9 in) including grille and terminals	Height: 615mm (24.2 in) Width: 290mm (11.4 in) Depth: 298mm (11.7 in)	Height: 225mm (8.6 in) Width: 590mm (23.2 in) Depth: 285mm (11.2 in) cabinet only 301mm (11.9 in) including grille and terminals	Height: 166.5mm (6.6 in) Width: 480mm (18.9 in) Depth: 260mm (10.2 in) cabinet only 275mm (10.8 in) including grille and terminals	Dimensions	Height: 377mm (14.8 in) including feet Width: 360mm (14.1 in) Depth: 368mm (14.5 in)	
Weight	29.5kg (65 lb)	9.3kg (20.5 lb)	25.0kg (55.2 lb)	18.5kg (41 lb)	8.0kg (17.7 lb)	6.0kg (13.2 lb)	6kg (13.2 lb)	18.3kg (39.7 lb)	9.11kg (20.1 lb)	Weight	26kg (57.3 lb)	
Finishes	Cabinet: Rosenut Gloss Black Satin White Grille: Black Grey (Satin White only)	Cabinet: Rosenut Gloss Black Satin White Grille: Black Grey (Satin White only)	Cabinet: Rosenut Gloss Black Satin White Grille: Black Grey (Satin White only)	Cabinet: Rosenut Gloss Black Satin White Grille: Black Grey (Satin White only)	Cabinet: Rosenut Gloss Black Satin White Grille: Black Grey (Satin White only)	Cabinet: Rosenut Gloss Black Satin White Grille: Black Grey (Satin White only)	Cabinet: Rosenut Gloss Black Satin White Grille: Black Grey (Satin White only)	Cabinet: Black Silver	Cabinet: Rosenut Gloss Black Satin White Grille: Black Grey (Satin White only)	Cabinet: Rosenut Gloss Black Satin White Grille: Black Grey (Satin White only)	Finishes	Cabinet: Rosenut Gloss Black Satin White Black Grey (Satin White only)

# Find out more

From new product launches to major music events, there's always a lot happening in the world of Bowers and Wilkins. And whether it's discussing your requirements with a local dealer or connecting with us on social media, there's more than one way to keep in the loop, wherever you are in the world.



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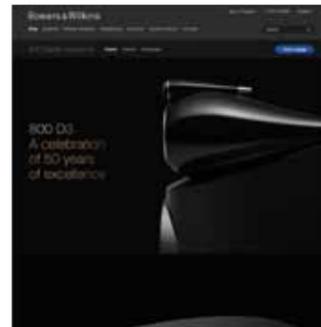
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