



# Bowers & Wilkins

700 Series



# 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 largescale recordings sound stunningly lifelike.

## Technical features

Decoupled Carbon Dome™ tweeter  
Solid Body Tweeter on top  
Continuum™ cone FST™ midrange  
Decoupled midrange  
Aerofoil™ Profile bass cones  
Flowport™

## Description

3-way vented-box 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

## Frequency range (-6dB)

-6dB at 28Hz and 33kHz

## Frequency response

45Hz - 28kHz -3dB

## Sensitivity

90dB spl (2.83V<sub>RMS</sub>, 1m)

## Harmonic distortion

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

<1% 86Hz - 28kHz

<0.5% 110Hz - 20kHz

## Nominal impedance

8Ω (minimum 3.1Ω)

## Recommended amplifier power

30W - 300W into 8Ω on unclipped programme

## 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

## Weight

29.5kg (65 lb)

## Finishes

### Cabinet:

Rosenut  
Gloss Black  
Satin White

### Grille:

Black  
Grey (Satin White only)



# 705 S2



With state of the art features such as the tweeter-ontop 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.

## Technical features

Decoupled Carbon Dome tweeter  
Solid Body Tweeter on top  
Continuum cone bass / midrange  
Flowport

## Description Drive Units

2-way vented-box system  
1x  $\varnothing$ 25mm (1 in) Decoupled Carbon Dome high-frequency  
1x  $\varnothing$ 165mm (6.5 in) Continuum cone bass / midrange

## Frequency range (-6dB) Frequency response Sensitivity Harmonic distortion

-6dB at 45Hz and 33kHz  
50Hz - 28kHz  $\pm$ 3dB  
88dB spl (2.83V<sub>RMS</sub>, 1m)  
2nd and 3rd harmonics (90dB, 1m)  
<1% 100Hz - 22kHz  
<0.5% 150Hz - 20kHz

## Nominal impedance Recommended amplifier power

8 $\Omega$  (minimum 3.7 $\Omega$ )  
30W - 120W into 8 $\Omega$  on unclipped programme

## Dimensions 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

## Weight

9.3kg (20.5 lb)

## Finishes

### Cabinet:

Rosenut  
Gloss Black  
Satin White

### Grille:

Black  
Grey (Satin White only)

# 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.

## Technical features

Decoupled Carbon Dome tweeter  
Continuum cone FST midrange  
Decoupled midrange  
Aerofoil Profile bass cones  
Flowport

## Description

### Drive Units

3-way vented-box system  
1x  $\varnothing$ 25mm (1 in) Decoupled Carbon Dome high-frequency  
1x  $\varnothing$ 150mm (6 in) Continuum cone FST midrange  
2x  $\varnothing$ 165mm (6.5 in) Aerofoil Profile bass

### Frequency range (-6dB)

-6dB at 30Hz and 33kHz

### Frequency response

46Hz - 28kHz  $\pm$ 3dB

### Sensitivity

89dB spl (2.83V<sub>RMS</sub>, 1m)

### Harmonic distortion

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

<1% 90Hz - 22kHz

<0.5% 120Hz - 20kHz

### Nominal impedance

8 $\Omega$  (minimum 3.1 $\Omega$ )

### Recommended amplifier power

30W - 200W into 8 $\Omega$  on unclipped programme

## Dimensions 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

## Weight

25.0kg (55.2 lb)

## Finishes

### Cabinet:

Rosenuit  
Gloss Black  
Satin White

### Grille:

Black  
Grey (Satin White only)





# 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.



## Technical features

Decoupled Carbon Dome tweeter  
Continuum cone FST midrange  
Decoupled midrange  
Aerofoil Profile bass cones  
Flowport

## Description Drive Units

3-way vented-box system  
1x  $\varnothing 25\text{mm}$  (1 in) Decoupled Carbon Dome high-frequency  
1x  $\varnothing 130\text{mm}$  (5 in) Continuum cone FST midrange  
2x  $\varnothing 130\text{mm}$  (5 in) Aerofoil Profile bass

## Frequency range (-6dB) Frequency response Sensitivity Harmonic distortion

-6dB at 43Hz and 33kHz  
48Hz - 28kHz  $\pm 3\text{dB}$   
88dB spl (2.83V<sub>RMS</sub>, 1m)  
2nd and 3rd harmonics (90dB, 1m)  
<1% 100Hz - 22kHz  
<0.5% 300Hz - 20kHz

## Nominal impedance Recommended amplifier power

8 $\Omega$  (minimum 3.1 $\Omega$ )  
30W - 150W into 8 $\Omega$  on unclipped programme

## Dimensions 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

## Weight

18.5kg (41 lb)

## Finishes

### Cabinet:

Rosenut  
Gloss Black  
Satin White

### Grille:

Black  
Grey (Satin White only)



# 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.

## Technical features

Decoupled Carbon Dome tweeter  
Continuum cone bass / midrange  
Flowport

## Description

2-way vented-box system

## Drive Units

1x ø25mm (1 in) Decoupled Carbon Dome high-frequency  
1x ø165mm (6.5 in) Continuum cone bass / midrange

## Frequency range (-6dB)

-6dB at 45Hz and 33kHz

## Frequency response

50Hz - 28kHz ±3dB

## Sensitivity

88dB spl (2.83V<sub>RMS</sub>, 1m)

## Harmonic distortion

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

<1% 100Hz - 22kHz

<0.5% 150Hz - 20kHz

## Nominal impedance

8Ω (minimum 3.7Ω)

## Recommended amplifier power

30W - 120W into 8Ω on unclipped programme

## Dimensions 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

## Weight

8.0kg (17.7 lb)

## Finishes

### Cabinet:

Rosenut  
Gloss Black  
Satin White

### Grille:

Black  
Grey (Satin White only)





# 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 twoway design and advanced drive units make for a sound that's clear, powerful and remarkably cohesive.

## Technical features

Decoupled Carbon Dome tweeter  
Continuum cone bass / midrange  
Flowport

## Description Drive Units

2-way vented-box system  
1x ø25mm (1 in) Decoupled Carbon Dome high-frequency  
1x ø130mm (5 in) Continuum cone bass / midrange

## Frequency range (-6dB) Frequency response Sensitivity Harmonic distortion

-6dB at 45Hz and 33kHz  
50Hz - 28kHz ±3dB  
84dB spl (2.83V<sub>RMS</sub>, 1m)  
2nd and 3rd harmonics (90dB, 1m)  
<1% 110Hz - 22kHz

## Nominal impedance Recommended amplifier power

8Ω (minimum 4.0Ω)  
30W - 100W into 8Ω on unclipped programme

## Dimensions Height:

280mm (11 in)

## Width:

165mm (6.5 in)

## Depth:

260mm (10.2 in) cabinet only  
276mm (10.9 in) including grille and terminals

## Weight

6.0kg (13.2 lb)

## Finishes

### Cabinet:

Rosenut  
Gloss Black  
Satin White

### Grille:

Black  
Grey (Satin White only)



# HTM71 S2



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.

## Technical features

Decoupled Carbon Dome tweeter  
Continuum cone FST midrange  
Aerofoil Profile bass cones  
Flowport

## Description Drive Units

3-way vented-box system  
1x  $\varnothing$ 25mm (1 in) Decoupled Carbon Dome high-frequency  
1x  $\varnothing$ 100mm (4 in) Continuum cone FST midrange  
2x  $\varnothing$ 165mm (6.5 in) Aerofoil Profile bass

## Frequency range (-6dB) Frequency response Sensitivity Harmonic distortion

-6dB at 45Hz and 33kHz  
50Hz - 28kHz  $\pm$ 3dB  
89dB spl (2.83V<sub>RMS</sub>, 1m)  
2nd and 3rd harmonics (90dB, 1m)  
<1% 90Hz - 22kHz  
<0.5% 120Hz - 20kHz

## Nominal impedance Recommended amplifier power

8 $\Omega$  (minimum 3 $\Omega$ )  
30W - 200W into 8 $\Omega$  on unclipped programme

## Dimensions 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

## Weight

18.3kg (39.7 lb)

## Finishes

### Cabinet:

Rosenut  
Gloss Black  
Satin White

### Grille:

Black  
Grey (Satin White only)







# HTM72 S2



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.

Technical features	1000W Class D Hypex amplifier Aerofoil bass cone Digital preamplifier with Dynamic EQ App-based set-up and BT-LE control
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Description	Active closed-box subwoofer system
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Drive Units	1x ø250mm (10in) Aerofoil cone bass
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Frequency range	-6dB at 8.5Hz and 500Hz
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Frequency response	10Hz –350Hz -3dB (centred on level at 100Hz)
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Max Power Output	1000W
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Rated Power Consumption at 1/8th of rated power	195W
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Standby Power Consumption	<0.5W
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Inputs	2 x RCA
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	2 x XLR
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Input Impedance	RCA: 10 kOhm
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	XLR: 20 kOhm
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Signal to Noise Ratio	82dB
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Dimensions	Height:	377mm (14.8 in) including feet
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	Width:	360mm (14.1 in)
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	Depth:	368mm (14.5 in)
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Weight	26kg (57.3 lb)
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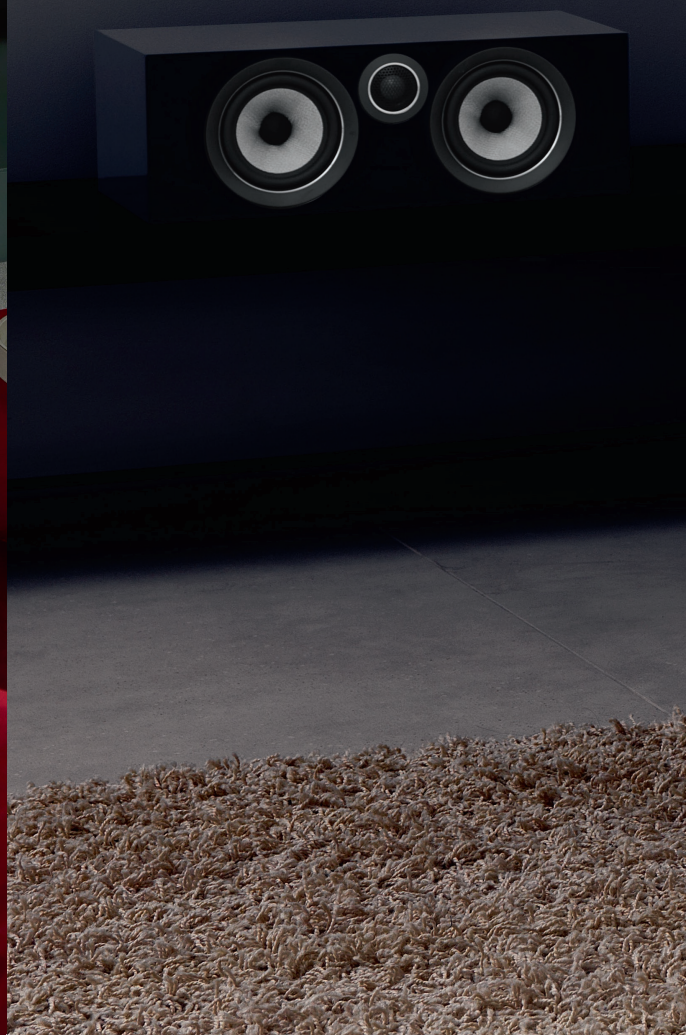
Finishes	Cabinet:	Rosenut
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	Gloss Black
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	Satin White
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	Grille:	Black
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	Grey (Satin White only)
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# 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.

Technical features	1000W Class D Hypex amplifier Aerofoil bass cone Digital preamplifier with Dynamic EQ App-based set-up and BT-LE control
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Description	Active closed-box subwoofer system
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Drive Units	1x ø250mm (10in) Aerofoil cone bass
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Frequency range	-6dB at 8.5Hz and 500Hz
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Frequency response	10Hz – 350Hz -3dB (centred on level at 100Hz)
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Max Power Output	1000W
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Rated Power Consumption at 1/8th of rated power	195W
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Standby Power Consumption	<0.5W
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Inputs	2 x RCA
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2 x XLR

Input Impedance	RCA: 10 kOhm
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XLR: 20 kOhm

Signal to Noise Ratio	82dB
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Dimensions	Height: 377mm (14.8 in) including feet
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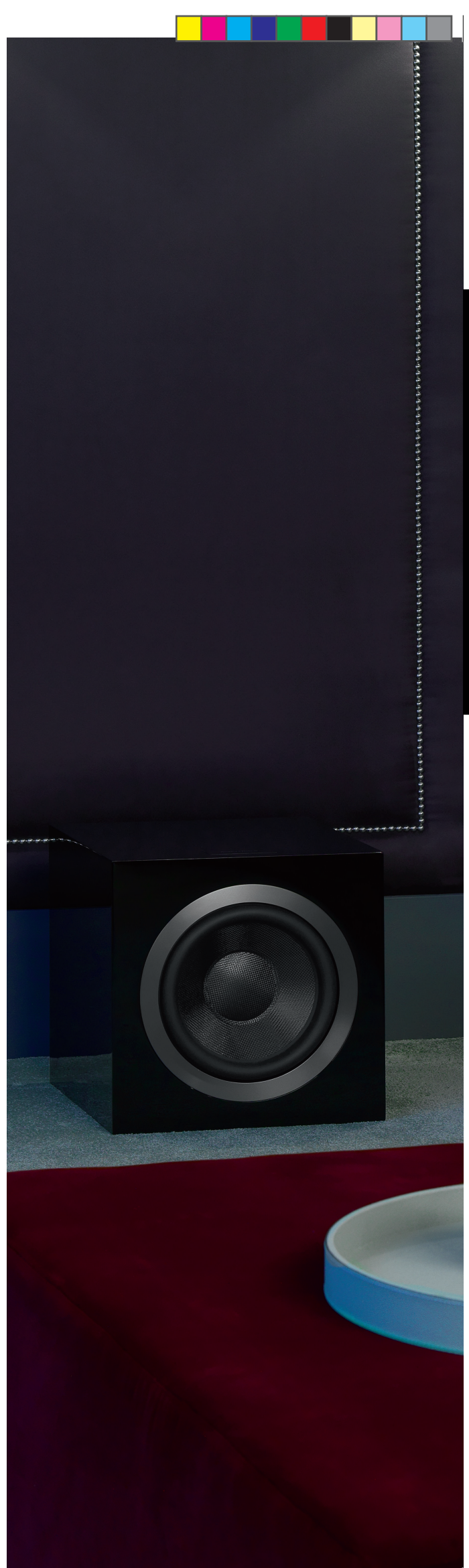
Width: 360mm (14.1 in)

Depth: 368mm (14.5 in)

Weight	26kg (57.3 lb)
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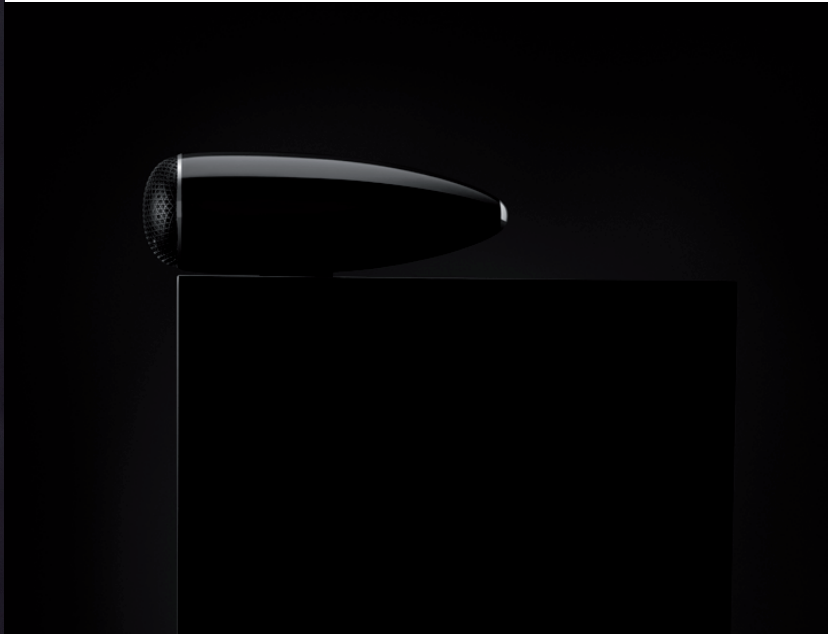
Finishes	Cabinet:	Rosenut
		Gloss Black
		Satin White

Grille:	Black
	Grey (Satin White only)





# 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.”

## **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.”

## **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.”

## **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.”

## **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.”

## **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.”





### 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 Aramid Fibre. Its woven coated material provides highly controlled break-up, resulting in a more open, neutral midrange.





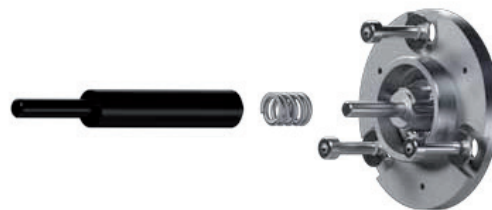
### Midrange chassis

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.





Bowers & Wilkins

[www.bowers-wilkins.com](http://www.bowers-wilkins.com)  
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