Performance, power, price  The 600 Series continues the award-winning promise of its predecessors – the audio performance you demand from Bowers & Wilkins, power to fill any room, yet at a budget that allows everyone access to true, audiophile sound. It adopts technologies from our premium speakers plus innovations and engineering solutions unique to the range. Bowers & Wilkins believes everyone should be able to experience truly great sound. With the new 600 Series, everyone can.

How does the new 600 Series raise the bar for entry-level audiophile speakers? By bringing in hard-learned technologies from Bowers & Wilkins high-end speakers. Double dome tweeters, found only in the CM10 until now, join FST™ midrange drive units used in all our premium models plus energy-absorbing foam Anti-Resonance Plugs derived from the PM1. And the new 600 Series doesn’t just incorporate existing technologies. It adds some new ones of its own, including – for the first time in a cabinet loudspeaker – the use of decoupled tweeters that float in a gel cushion, separate from the cabinet around them. Bass drivers are improved too, stiffened with an extra bracing ring of aluminium to deliver a higher break-up frequency. Technologies purpose-designed to deliver maximum performance for minimum cost meet existing technologies brought in from high-end speakers; the result is amazing performance and power at an even more amazing price. The new 600 Series: the high-end speakers for everyone.
**For the love of music** It doesn’t matter where your music comes from. You might personally prefer classic vinyl, lossless FLAC files or Spotify streams. What really matters is how good the music sounds to you. And in a world of streaming, wireless and cloud-based audio, in a world where music has to compete with everything else happening in your life, it matters more than ever that music sounds brilliant. After all, what else can soothe you to sleep, excite and invigorate you, or clear and calm your head to let you think and feel? Cut through the chatter, sit back and really listen... and you’ll see.
Serious and accurate bass performance is vital to such a room-filling speaker. That's why the 683 features an all-new bass drive unit technology: its Dual Layer aluminium drive units are reinforced around their periphery with a second layer of aluminium. The result is a more effectively damped cone with a higher break-up frequency for a richer, distortion-free bass response. The 683 also boasts a Decoupled Double Dome tweeter and an FST Kevlar® midrange unit. Serious technology, serious performance, but seriously affordable for a speaker of this calibre.
Switching to 5-inch drivers from the previous 6.5-inch designs means the new 684 is significantly slimmer than its predecessor, yet Bowers & Wilkins engineers have still improved its audio performance. The two Kevlar-cone drivers now feature smaller voice coils to increase sensitivity. The 5-inch drivers now also feature Anti-Resonance Plugs that improve the behaviour of the voice coil and smooth response, a technology taken from our high-end PM1 speakers. The result is a breathtaking performance from a modestly proportioned loudspeaker.
The Decoupled Double Dome tweeter found in the 685—and the rest of the new 600 Series—is a technology taken straight from our award-winning CM10 speaker. The dual-layer design combines a thin aluminium dome for lightness and a thicker aluminium ring for rigidity. The result is absolutely stunning clarity and tonal purity.

The tweeter is also decoupled from the main cabinet, kept physically separate in its own cavity with a ring of gel cushioning it from vibrations. This improves imaging and dispersion for a more natural, spacious treble.

685 At home on either a stand or bookshelf, the versatile new 685 delivers outstanding performance. Perfectly sized for most rooms, it combines new Decoupled Double Dome tweeters, Kevlar cones and Anti-Resonance Plugs, with the value for which the 600 Series is renowned.
An ideal bookshelf or wall-mounted speaker, the 686 is designed to fit into any space and still sound perfect. Its main 5-inch driver features a 25mm voice coil which makes for a higher sensitivity speaker with bass more suited for placement near a wall. A front-firing Flowport, dimpled like a golf ball around the aperture for smoothly regulated airflow, delivers superior bass response without the risk of rattles. And its placement ensures the speaker cabinet can be slimmer than before.

The 686 even features a built-in bracket for easy wall mounting, but this small, versatile and precise speaker sounds great anywhere.
Home theatre packages  The new 600 Series is ideal for audiophile stereo listening, but speakers from the range can be teamed together for a stunning home theatre experience. With two floorstanding, two standmount, two centre speakers and three subwoofers to choose from, the new 600 Series can fill the largest space... or fit in the smallest.

The stereo and centre channel speakers in the new 600 Series now feature improved Decoupled Double Dome tweeter designs, ideal for delivering the clarity needed for dialogue. For midrange and bass drivers, Kevlar, Anti-Resonance Plugs and FST Drive unit technology plus aluminium cones ensure stunning power and clarity.

Bowers & Wilkins has prepared two suggested home theatre speaker packages based on the new 600 Series, each designed to perfectly complement different room sizes, needs and budgets. Both sound simply stunning for big-screen action.
Subwoofers The 600 Series includes three subwoofers, ranging from the compact ASW608 to the powerful ASW610XP. Each boasts an audiophile-standard, highly efficient Class D amplifier. And each has updated finishes to ensure a perfect match with the rest of the new 600 Series.

Centre & Surround The new 600 Series’ HTM62 and HTM61 centre speakers look great thanks to a slimmer cabinet and new, more symmetrical design, respectively. They also sound better than ever. Both models feature the new Decoupled Double Dome tweeter, with the HTM61 sporting two powerful 6.5-inch bass drivers and an FST midrange driver for a perfect match with the mighty 683 floorstanders.
Treble The new 600 Series borrows technology from the award-winning high-end CM10, in the form of the Decoupled Double Dome tweeter. As a result it captures musical subtleties with breathtaking accuracy and delivers a natural, spacious sound unprecedented for such an affordable speaker.

When designing a tweeter, the goal is to make the diaphragm light yet stiff to reproduce high notes accurately with a pistonic back-and-forth motion and minimal distortion. The 600 Series does this beautifully, borrowing high-end tweeter technology from Bowers & Wilkins award-winning CM10 speaker. Its double dome design uses an extremely thin aluminium dome for lightness, surrounded by a thicker aluminium ring for rigidity; these combine to stop the voice coil from distorting. The result is a treble performance so pure and precise it will take your breath away.

While the tweeter looks like it’s completely integrated into the cabinet of each speaker in the 600 Series, it’s actually kept physically isolated from the enclosure that surrounds it. The tweeter sits in a ring of gel that acoustically decouples it from its housing, so performance isn’t hit by unwanted resonances and vibrations. Imaging and dispersion are improved, delivering a more natural, spacious sound.
Midrange  How to improve on the stunning performance of the 600 Series without affecting its legendary value? That was the challenge faced by Bowers & Wilkins engineering team on the new Series 600 midrange drivers. The results are fantastic.

The same properties that allow Kevlar to stop a bullet also make it the ideal material for soaking up standing waves in a speaker cone that can colour and distort midrange sound. Not only does Kevlar deliver a far cleaner sound, it can do so to a more widely dispersed group of listeners.

The new 600 Series midrange drivers feature our unique and iconic Kevlar cones as a matter of course, but continued research allows the drivers in the new 600 Series to deliver even lower distortion levels, while smaller voice coils in the 5-inch drivers further increase sensitivity.

The bass/midrange drivers in the new 600 Series speakers also benefit from the introduction of Anti-Resonance Plugs, first seen in the PM1. These mushroom-shaped dustcaps reduce higher-frequency break-up by ensuring better pistonic movement inside the voice coil.

Add in the revolutionary FST™ drive unit on the 683 and HTM61 and the result is that midrange performance is vastly improved on every model in the range – yet without affecting the incredible value the 600 Series is renowned for.

FST  Our signature ‘Fixed Suspension Transducer’ drivers help Kevlar cones perform even better. The edge of the cone is mounted in a narrow ring of foam. Narrow so that when it moves it radiates as little sound as possible. And foam carefully chosen to convert unwanted energy into heat, not sound. This ‘surroundless’ suspension minimises distortion and gives the cleanest midrange performance in the business.
**Bass** The new, slimmer 600 Series speakers are designed to not dominate the design of any room. But they are designed to sonically dominate—with luxurious and clear bass response delivered using the latest technologies, testing and materials.

Both the 683 and HTM61 feature improved bass drivers with a new Dual Layer construction. The aluminium drive units are reinforced around their periphery with a second layer of aluminium. The result is a more effectively damped cone with a higher break-up frequency—shifting the break-up frequency of the driver from 4kHz to 5.5kHz—for a richer, distortion-free bass response.

**Finishes** The new 600 Series is designed to stylishly and subtly integrate with any room design. Smaller and slimmer than ever, yet with vastly improved audio response, the new 600 Series is available in Black Ash and White finishes.

**Flowport**
Great bass depends on a smoothly regulated airflow. Flowport minimises turbulence by using dimples, like a golf ball. They generate tiny eddy currents, over which air flows smoothly and silently. Bass sounds smooth and tight at all volumes.

Speakers, after all, are furniture. They have a form as well as a function. You’ll find the craftsmanship and quality of finish on Bowers & Wilkins 600 Series speakers reflect the high standard of engineering and innovation inside them. Our Black Ash and White finishes feature painted baffles and complementary black or grey grilles depending on the finish chosen.

Detailing is improved too. The 600 Series features a new brushed aluminium, diamond-cast logo plate that encompasses the tweeter. A fixed steel grille protects the valuable tweeter from unwanted damage.
Listen and you'll see  Of course, the story doesn't end with the new 600 Series. Just as the pursuit for the perfect speaker will always continue, so does the passion for sound. Bowers & Wilkins has created a space for people who are passionate about sound, where you can come for ideas and inspiration and to share your experience with others. We call it Society of Sound. And members get the latest news in the world of audio and music, as well as access to some of the most exciting new music around – picked by Society of Sound Fellows including Peter Gabriel, Real World Studios and the London Symphony Orchestra. Come to www.bowers-wilkins.com to find out more about the Society of Sound.
<table>
<thead>
<tr>
<th>Main</th>
<th>Centre</th>
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<tr>
<td><strong>Technical features</strong></td>
<td><strong>Technical features</strong></td>
</tr>
<tr>
<td>Decoupled Double Dome aluminium tweeter with Nautilus™ tube loading Kevlar® brand fibre cone FST™ midrange driver Dual-layer aluminium cone bass driver Flowport™</td>
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</tr>
<tr>
<td>Decoupled Double Dome aluminium tweeter with Nautilus™ tube loading Kevlar® brand fibre cone bass/midrange drivers Flowport™</td>
<td>Decoupled Double Dome aluminium tweeter with Nautilus™ tube loading Kevlar® brand fibre cone bass/midrange drivers Flowport™</td>
</tr>
</tbody>
</table>

### Description
- **Cabinet:** 685mm (26.9 in) width, 2015mm (79.2 in) height, 416mm (16.3 in) depth
- **Grille:** 234mm (9.2 in) width, 196mm (7.7 in) height, 243mm (9.6 in) depth
- **Dimensions:** 315mm (12.4 in) width, 455mm (17.9 in) height, 416mm (16.3 in) depth
- **Net Weight:** 14.4 kg (31.8 lb)
- **Finish:** Black Ash, Light Grey
- **Grille Finish:** Black Ash, Black Ash

### Drive units
- **1x ø30mm (1.2 in) aluminium dome high-frequency 2.5kHz - 50kHz drivers**
- **1x ø165mm (6.5 in) woven Kevlar® cone bass/midrange drivers**
- **1x ø130mm (5.1 in) woven Kevlar® cone bass/midrange drivers**
- **1x ø25mm (1 in) aluminium dome high-frequency 10kHz - 50kHz driver**
- **1x ø25mm (1 in) aluminium dome high-frequency 10kHz - 50kHz driver**
- **1x ø25mm (1 in) aluminium dome high-frequency 10kHz - 50kHz driver**

### Frequency range
- **180Hz - 20kHz ±3dB on reference axis**
- **50Hz - 22kHz ±3dB on reference axis**
- **68dB - 118dB (+3dB rolloff)**

### Harmonic distortion
- **<0.5% 180Hz - 20kHz**
- **<1% 110Hz - 22kHz**
- **<0.5% 180Hz - 20kHz**

### Sensitivity
- **85dB ap (-20.0V, 1m)**
- **87dB ap (-15.0V, 1m)**
- **88dB ap (-20.0V, 1m)**

### Nominal impedance
- **8Ω (minimum 4.0Ω)**
- **8Ω (minimum 4.0Ω)**
- **8Ω (minimum 4.0Ω)**

### Recommended amplifier power
- **220W - 1200W into 6Ω on unclipped programme**
- **220W - 1200W into 6Ω on unclipped programme**
- **220W - 1200W into 6Ω on unclipped programme**

### Max. recommended cable impedance
- **0.1Ω**
- **0.1Ω**
- **0.1Ω**

### Dimensions
- **Height:** 985mm (38.7 in) cabinet only 1320mm (51.9 in) including plinth but not feet
- **Width:** 1400mm (54.9 in) cabinet only 1740mm (68.5 in) including plinth but not feet
- **Depth:** 364mm (14.3 in) cabinet, grille and terminals only 370mm (14.6 in) over plinth

### Net Weight
- **27.4kg (60.6 lb)**
- **14.2kg (31.2 lb)**
- **6.8kg (14.9 lb)**

### Finishes
- **Cabinet:** White, Light Grey
- **Grille Finish:** Black Ash, Black Ash

### Technical features
- **Description:** 2-way vented-box system
- **Drive units:** 1x ø165mm (6.5 in) woven Kevlar® cone bass/midrange drivers
- **Frequency range:** 180Hz - 20kHz ±3dB on reference axis
- **Harmonic distortion:** <0.5% 180Hz - 20kHz
- **Sensitivity:** 87dB ap (-20.0V, 1m)
- **Nominal impedance:** 8Ω (minimum 4.0Ω)
- **Recommended amplifier power:** 220W - 1200W into 6Ω on unclipped programme
- **Max. recommended cable impedance:** 0.1Ω
- **Dimensions:** Height: 985mm (38.7 in) cabinet only 1320mm (51.9 in) including plinth but not feet
- **Net Weight:** 27.4kg (60.6 lb)
- **Finishes:** Cabinet: White, Light Grey
- **Grille Finish:** Black Ash, Black Ash
- **Grille:** White, Light Grey

### Centre
- **Cabinet:** 686mm (26.9 in) width, 2015mm (79.2 in) height, 416mm (16.3 in) depth
- **Grille:** 234mm (9.2 in) width, 196mm (7.7 in) height, 243mm (9.6 in) depth
- **Dimensions:** 315mm (12.4 in) width, 455mm (17.9 in) height, 416mm (16.3 in) depth
- **Net Weight:** 14.4 kg (31.8 lb)
- **Finish:** Black Ash, Light Grey
- **Grille Finish:** Black Ash, Black Ash
- **Grille:** White, Light Grey

### Technical features
- **Description:** 2-way vented-box system
- **Drive units:** 1x ø165mm (6.5 in) woven Kevlar® cone bass/midrange drivers
- **Frequency range:** 180Hz - 20kHz ±3dB on reference axis
- **Harmonic distortion:** <0.5% 180Hz - 20kHz
- **Sensitivity:** 87dB ap (-20.0V, 1m)
- **Nominal impedance:** 8Ω (minimum 4.0Ω)
- **Recommended amplifier power:** 220W - 1200W into 6Ω on unclipped programme
- **Max. recommended cable impedance:** 0.1Ω
- **Dimensions:** Height: 985mm (38.7 in) cabinet only 1320mm (51.9 in) including plinth but not feet
- **Net Weight:** 27.4kg (60.6 lb)
- **Finish:** Cabinet: White, Light Grey
- **Grille Finish:** Black Ash, Black Ash
- **Grille:** White, Light Grey
### Subwoofer

<table>
<thead>
<tr>
<th>Technical features</th>
<th>ASW610XP</th>
<th>ASW610</th>
<th>ASW608</th>
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<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Active closed-box subwoofer system</td>
<td>Active closed-box subwoofer system</td>
<td>Active closed-box subwoofer system</td>
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<tr>
<td><strong>Drive units</strong></td>
<td>ø250mm (10 in) paper/Kevlar® cone long-throw</td>
<td>ø250mm (10 in) paper/Kevlar® cone long-throw</td>
<td>ø200mm (8 in) paper/Kevlar® cone long-throw</td>
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<tr>
<td><strong>Frequency range</strong></td>
<td>-6dB at 18Hz and 25/140Hz adjustable (EQ at A)</td>
<td>-6dB at 20Hz and 25/140Hz adjustable (EQ at A)</td>
<td>-6dB at 23Hz and 25/140Hz adjustable (EQ at A)</td>
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<tr>
<td><strong>Frequency response</strong></td>
<td>±3dB 27Hz – 40/140Hz adjustable (EQ at A)</td>
<td>±3dB 27Hz – 40/140Hz adjustable (EQ at A)</td>
<td>±3dB 36Hz – 40/140Hz adjustable (EQ at A)</td>
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<tr>
<td><strong>Base Extension</strong></td>
<td>-6dB at 20Hz (position A)</td>
<td>-6dB at 20Hz (position A)</td>
<td>-6dB at 23Hz (position B)</td>
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<tr>
<td><strong>Amplifier</strong></td>
<td>Power output: 500W</td>
<td>Power output: 400W</td>
<td>Power output: 200W</td>
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<tr>
<td><strong>Dimensions</strong></td>
<td>Height: 260mm (10.2 in) Width: 260mm (10.2 in) Depth: 330mm (13 in) including grille and controls</td>
<td>Height: 310mm (12.2 in) Width: 310mm (12.2 in) Depth: 375mm (14.8 in) including grille and controls</td>
<td>Height: 310mm (12.2 in) Width: 375mm (14.8 in) Depth: 375mm (14.8 in) including grille and controls</td>
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<tr>
<td><strong>Finish</strong></td>
<td>Black/White</td>
<td>Black/White</td>
<td>Black/White</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>8.85kg (19.5 lb)</td>
<td>12.5kg (27.6 lb)</td>
<td>8.85kg (19.5 lb)</td>
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### Surround

<table>
<thead>
<tr>
<th>Technical features</th>
<th>DS3</th>
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<tbody>
<tr>
<td><strong>Description</strong></td>
<td>2-way closed-box selectable dipole/mono-pole surround system</td>
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<tr>
<td><strong>Drive units</strong></td>
<td>1x ø25mm (1 in) aluminium dome high-frequency 2x ø80mm (3 in) midrange / high frequency 1x ø130mm (5 in) woven Kevlar® cone bass / midrange</td>
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<tr>
<td><strong>Frequency range</strong></td>
<td>-6dB at 25Hz and 4kHz (monopole mode) -6dB at 60Hz and 4kHz (dipole mode)</td>
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<tr>
<td><strong>Amplifier</strong></td>
<td>Power output: 250W</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>Height: 249mm (9.8 in) Width: 380mm (15 in) Depth: 153mm (6 in)</td>
</tr>
<tr>
<td><strong>Finish</strong></td>
<td>Black cabinet and grille</td>
</tr>
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</table>