

Bowers & Wilkins

Diamond Surround Sound System. A new standard for car audio.

Available as a premium option with the BMW 7 Series and now the all-new BMW 5 Series, the Bowers & Wilkins Diamond Surround Sound System redefines what's possible for sound quality within a car.

It's one thing to listen to music. It's another to truly experience it. To hear sound so flawless, natural and richly detailed, that it feels as though you're there with the artists in the studio, at the very moment the music was recorded.

Designed exclusively for BMW by audio pioneers Bowers & Wilkins, the Diamond Surround Sound System is the first of its kind: a sound system featuring studio-grade acoustic technologies never before seen in a commercial car. The result is a truly revelatory acoustic experience – and a giant leap forward for in-car sound.

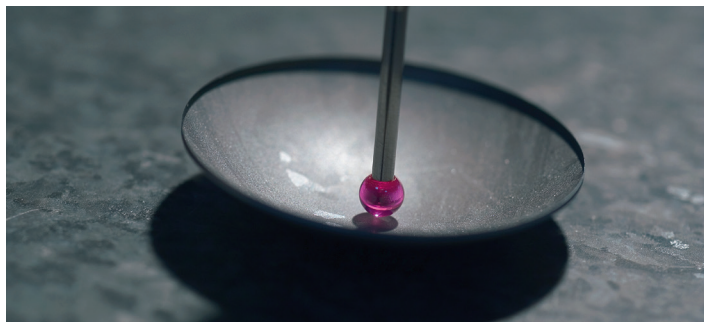


Masters of sound

The company's loudspeaker ranges include the flagship 800 Series Diamond, revered by sound enthusiasts and used by some of the world's most demanding recording studios. For more than half a decade, this speaker company has pushed the boundaries of acoustic design and engineering in their quest for audio perfection.

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Diamond Surround Sound System – Product highlights



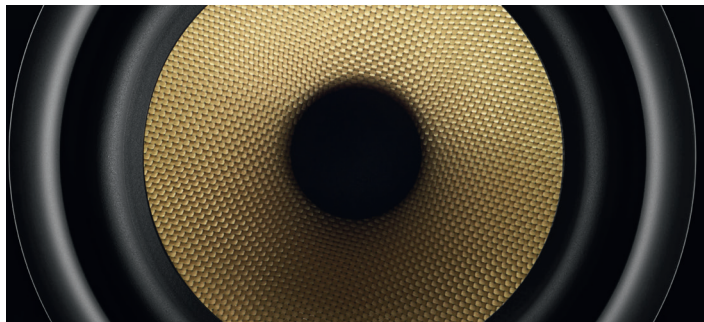
Diamond

Grown in laboratory conditions, diamond tweeter domes are found in Bowers & Wilkins' most advanced studio speakers – and in the all-new BMW 5 Series.



Nautilus™

Inspired by the Bowers & Wilkins Nautilus speaker, spiralling diffusion channels soak up reflected sound from the rear of each drive unit, reducing resonance to a minimum.



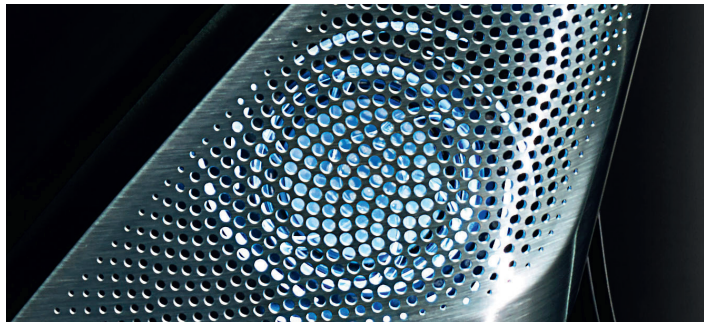
Kevlar®

One of Bowers & Wilkins' hallmark innovations, Kevlar helps prevent distortion in the mid-range and improves off-axis performance – especially important in cars.



Rohacell®

A composite material used in aeronautics and racing car bodies, Rohacell's ideal balance of lightness and rigidity makes it the perfect bass driver material.



Sound and Light

The Diamond Surround Sound System is beautifully integrated into the all-new BMW 5 Series interior. The speakers are housed behind etched stainless steel which allows for complete acoustic transparency. When the system is in operation, subtle illumination reveals the diamond tweeter dome of each drive unit and acts as a visual signal to the listener.



Integration

Speaker placement has been carefully designed with the all-new BMW 5 Series' unique cabin architecture in mind, ensuring the most immersive possible audio experience.

Bowers & Wilkins Diamond Surround Sound System

Speakers	Number of speakers: 16 2 × 25mm Diamond Nautilus tweeter 5 × 25mm Aluminium tweeter 7 × 100mm Aluminised Kevlar midrange drivers 2 × 217mm Rohacell central bass subwoofers	Sound Presets	QuantumLogic™ surround sound processing Emerald, interleaved digital output stage technology 5 sound presets (Studio, Concert, On stage, Cinema, Lounge)
Output power	max. 1400 W	Special Features	2 illuminated Diamond Dome tweeters Illumination of midrange drivers throughout vehicle Dynamic equalizing (DEC) via measurement microphone Exclusive etched stainless steel grilles
Amplifier	10-channel Class-D amplifier		