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Our CM Series is something of a wolf in sheep's clothing. Its classic cabinet shapes, drive unit arrangements and handsome real wood veneers might lead you to expect a correspondingly conventional sound quality. If so, you'd be in for a shock.

The sound of the CM Series is as full, crisp and startlingly true-to-life as you'd expect from a more high-end speaker range. That's because it possesses technologies, design innovations and performance that were first heard in top, studio-quality ranges such as the B&W 800 Series. The physical familiarity of the CM1 bookshelf, CM7 floorstander and CM Centre only underlines just how far Bowers & Wilkins has brought sound reproduction in recent years.

You probably wouldn't anticipate, for example, that the speakers of the CM Series include minimalist first-order crossovers, whose electrical simplicity is an indication of the quality and balance of the speakers' mechanical design. All three boast B&W's Nautilus™ tube-loaded tweeter, our trademark yellow Kevlar® midrange or bass/midrange unit, and Flowport™, our low-turbulence speaker vent.

For hi-fi or home theatre, if you want speakers with some unexpected bite, try our wolves in sheep's clothing.



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## Technologies



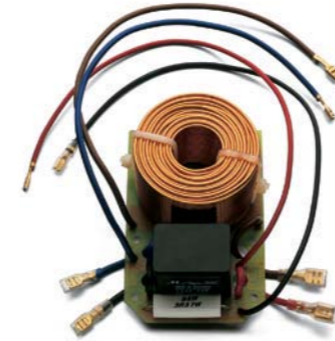
Derived from the world's best production speaker, the B&W Nautilus™, the CM's tube-loaded aluminium tweeter dome has a liberating effect on high frequencies. Within the cabinet, behind the flat facade, a tapering tubular tail spirits excess sound radiation into an acoustic black hole, allowing recorded sound to disperse freely into a truly three-dimensional sound 'image'.



Getting the breathing right is a serious issue for singers – and speakers. Ports are the lungs of a loudspeaker, regulating the pressure inside the cabinet and allowing drivers to give full voice to bass frequencies. B&W's Flowport™ lets air oscillate in and out of the cabinet smoothly, avoiding the distraction of the 'chuffing' sounds that affect conventional designs, thanks to the reduction of turbulence by 'dimples' in the surface.



As resistant to cone 'break-up' as it is to gunfire, Kevlar® has become a trademark of B&W midrange and bass/midrange drivers since our engineers first observed how the woven fabric – developed for bulletproof vests – dissipated the concentric standing waves that cause unwanted sound coloration. What a discovery. Years of refinements of resins, damping materials and cone geometries have preserved its unrivalled purity of delivery.



When the integration of a speaker's mechanical components – its drive units, cabinet and internal structure – is as complete as in the CM, and delivers music with such purity and integrity, there's less need for electronic trickery. Our first-order crossover comprises just a single component per drive unit, selected after dozens of painstaking listening tests. We couldn't make it any simpler. Or any better.

## CM7

Technical features	Nautilus™ tube loaded aluminium dome tweeter Kevlar® brand fibre cone FST midrange Flowport™
Description	3-way vented-box system
Drive units	1x ø25mm (1 in) aluminium dome high-frequency 1x ø130mm (5 in) woven Kevlar® cone FST midrange 1x ø165mm (6.5 in) paper/Kevlar® cone bass
Frequency range	-6dB at 34Hz and 50kHz
Frequency response	62Hz - 22kHz ±3dB on reference axis
Dispersion	Within 2dB of reference response Horizontal: over 60° arc Vertical: over 10° arc
Sensitivity	88dB spl (2.83V, 1m)
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m) <1% 100Hz - 22kHz <0.5% 150Hz - 20kHz
Nominal impedance	8Ω (minimum 3.0Ω)
Crossover frequency	350Hz, 4kHz Bass unit 3rd order low pass Midrange 2nd order high, 1st order low pass Tweeter 1st order high pass
Recommended amplifier power	30W - 150W into 8Ω on unclipped programme
Max. recommended cable impedance	0.1Ω
Dimensions	Height: 910mm (35.8 in) (not including feet) Width: 200mm (7.9 in) Depth: 300mm (11.8 in) (including grille and terminals)
Net weight	20kg (44 lb)
Finishes	Cabinet: Real wood veneers Wenge Rosenuit Maple Grille: Black Black Dark Grey

Description	
Dimensions	
Net weight	
Finishes	



## CM1

Technical features	Nautilus™ tube-loaded aluminium dome tweeter Kevlar® brand fibre cone bass/midrange Flowport™
Description	2-way vented-box system
Drive units	1x ø25mm (1 in) aluminium dome high-frequency 1x ø130mm (5 in) woven Kevlar® cone bass/midrange
Frequency range	-6dB at 45Hz and 50kHz
Frequency response	55Hz - 22kHz ±3dB on reference axis
Dispersion	Within 2dB of reference response Horizontal: over 60° arc Vertical: over 10° arc
Sensitivity	84dB spl (2.83V, 1m)
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m) <1% 110Hz - 22kHz
Nominal impedance	8Ω (minimum 5.1Ω)
Crossover frequency	4kHz
Recommended amplifier power	30W - 100W into 8Ω on unclipped programme
Max. recommended cable impedance	0.1Ω
Dimensions	Height: 280mm (11 in) Width: 165mm (6.5 in) Depth: 278mm (10.9 in) (including grille and terminals)
Net weight	6.7kg (14.7 lb)
Finishes	Cabinet: Real wood veneers Wenge Rosenuit Maple Grille: Black Black Dark Grey

<b>FS-700/CM</b>	
Floor stand	
Height: 595mm (23.4 in) (not including floor spikes)	
Width: 278mm (10.9 in)	
Depth: 368mm (14.5 in)	
Net weight: 10kg (22 lb)	
Finishes: Black Silver columns, grey base and top	



## CM Centre

Technical features	Nautilus™ tube loaded aluminium dome tweeter Kevlar® brand fibre cone bass/midrange Flowport™ Magnetic shielding
Description	2-way vented-box system
Drive units	1x ø25mm (1 in) aluminium dome high-frequency 2x ø130mm (5 in) woven Kevlar® cone bass/midrange
Frequency range	-6dB at 45Hz and 50kHz
Frequency response	55Hz - 22kHz ±3dB on reference axis
Dispersion	Within 2dB of reference response Horizontal: over 20° arc Vertical: over 60° arc
Sensitivity	85dB spl (2.83V, 1m)
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m) <1% 100Hz - 22kHz
Nominal impedance	8Ω (minimum 4.3Ω)
Crossover frequency	4kHz
Recommended amplifier power	30W - 120W into 8Ω on unclipped programme
Max. recommended cable impedance	0.1Ω
Dimensions	Height: 166.5mm (6.6 in) Width: 480mm (18.9 in) Depth: 275mm (10.8 in) (including grille and terminals)
Net weight	7.5kg (16.5 lb)
Finishes	Cabinet: Real wood veneers Wenge Rosenuit Maple Grille: Black Black Dark Grey

