

Bowers & Wilkins



# CM10

The CM10 floorstander is the flagship model in the CM Series. It features technologies seen for the first time in a CM Series product. These include a new double aluminium tweeter housed on top of the cabinet and a Kevlar® FST™ midrange driver decoupled from the main cabinet. The result is a loudspeaker that exceeds the already exceptional performance of its stablemates in every key regard.

## Features



**Tweeter on top** For the first time in the CM Series, the tweeter is mounted in its own dedicated housing on top of the cabinet, which improves high-frequency dispersion, aids imaging and endows the CM10 with a more “out of the box” sound than its conventional siblings.



**Aluminium tweeter** CM10's tweeter is of a sandwich construction. The visible dome is attached to a second layer that replicates the main dome's profile with the centre cut out. This raises the first break-up frequency to 38kHz, for more piston-like behaviour in the audible range.



**Decoupled midrange** CM10's FST midrange driver is carried over from the CM9, but improved still further by decoupling the driver from the cabinet as in the 800 Series Diamond. This new approach reduces coloration and dramatically enhances musicality.



**Bass drivers** CM10's cabinet is no taller than the CM9, but a slight increase in depth has enabled the inclusion of a third bass driver. This allows both an increase in overall system sensitivity, and significant improvements to power handling and maximum loudness without fuss.

## Technical Specifications

<b>Technical features</b>	Free-mounted dual layer aluminium dome tweeter with Nautilus™ tube loading Kevlar brand fibre cone FST midrange Decoupled midrange and tweeter units Flowport™
<b>Description</b>	3-way vented-box system
<b>Drive units</b>	1x ø25mm (1in) dual layer aluminium dome high-frequency 1x ø150mm (6in) woven Kevlar cone FST midrange 3x ø165mm (6.5in) paper/Kevlar cone bass
<b>Frequency range</b>	-6dB at 28Hz and 50kHz
<b>Frequency response</b>	45Hz - 28kHz ±3dB on reference axis
<b>Dispersion</b>	Within 2dB of reference response Horizontal: over 60° arc Vertical: over 10° arc
<b>Sensitivity</b>	90dB spl (2.83V, 1m)
<b>Harmonic distortion</b>	2nd and 3rd harmonics (90dB, 1m) <1% 86Hz - 28kHz <0.5% 110Hz - 20kHz
<b>Nominal impedance</b>	8Ω (minimum 3.1Ω)
<b>Crossover frequencies</b>	350Hz, 4kHz
<b>Recommended amplifier power</b>	30W - 300W into 8Ω on unclipped programme

<b>Max. recommended cable impedance</b>	0.1Ω	
<b>Height</b>	990mm (39in) cabinet only 1025mm (40.4in) including tweeter but not feet	
<b>Width</b>	200mm (7.9in) cabinet only	
<b>Depth</b>	337mm (13.3in) cabinet only 364mm (14.3in) inc. grilles and terminals but not plinth	
<b>Net weight</b>	31kg (68.2 lb)	
<b>Finishes</b>	<b>Cabinet</b>	<b>Grille</b>
<b>Real wood veneers</b>	Wengé	Black
	Rosenut	Black
<b>Painted finishes</b>	Gloss black	Black
	Satin white	Grey

