684

Room-filling sound without a room-filling speaker cabinet. Slimmer than ever, the 684 offers an amazing combination of serious floorstander power, spectacular audio performance and unbeatable value thanks to its new and vastly improved bass/midrange drivers and the Decoupled Double Dome tweeter.

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.

Technical features	Decoupled Double Dome aluminium tweeter with Nautilus™ tube loading Kevlar® brand fibre cone bass/midrange drivers Flowport™
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	72Hz - 22kHz ±3dB on reference axis
Dispersion	Within 2dB of reference response Horizontal: over 60º arc Vertical: over 10º arc
Sensitivity	87dB spl (2.83V, 1m)
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m) <1% 140Hz - 22kHz <0.5% 180Hz - 20kHz
Nominal impedance	8Ω (minimum 4.0Ω)
Crossover frequency	4kHz
Recommended amplifier power	25W - 150W into 8Ω on unclipped programme
Max. recommended cable impedance	0.1Ω
Dimensions	Height: 920mm (36.2 in) cabinet only 955mm (37.6 in) including plinth but not feet Width: 160mm (6.3 in) cabinet only 235mm (9.3 in) over plinth Depth: 234mm (9.2 in) cabinet, grille and terminals only 238mm (9.4 in) over plinth
Net Weight	14.2kg (31.2 lb)
Finishes	Cabinet: Grille: Black Ash Black White Light Grey