



# 683

The largest speaker in the new 600 Series delivers outstanding power, accuracy and musicality. The floorstander features the new Decoupled Double Dome tweeter, an FST™ midrange driver and new Dual Layer aluminium bass drivers. The result is a loudspeaker ideal for both high-performance stereo and surround sound applications even in larger rooms, delivering serious performance and amazing value.

Serious and accurate bass performance is vital to such a room-filling speaker. That's why the 683 features an all-new bass driver 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.



Technical features	Decoupled Double Dome aluminium tweeter with Nautilus™ tube loading Kevlar® brand fibre cone FST™ midrange driver Dual-layer aluminium cone bass driver Flowport™	
Description	3-way vented-box system	
Drive units	1x ø25mm (1 in) aluminium dome high-frequency 1x ø150mm (6 in) woven Kevlar® cone FST™ midrange 2x ø165mm (6.5 in) aluminium cone bass	
Frequency range	-6dB at 30Hz and 50kHz	
Frequency response	52Hz - 22kHz ±3dB on reference axis	
Dispersion	Within 2dB of reference response Horizontal: over 60° arc Vertical: over 10° arc	
Sensitivity	89dB spl (2.83V, 1m)	
Harmonic distortion	2nd and 3rd harmonics (90dB, 1m) <1% 95Hz - 22kHz <0.5% 120Hz - 20kHz	
Nominal impedance	8Ω (minimum 3.0Ω)	
Crossover frequency	400Hz, 4kHz	
Recommended amplifier power	25W - 200W into 8Ω on unclipped programme	
Max. recommended cable impedance	0.1Ω	
Dimensions	Height: 985mm (38.8 in) cabinet only 1020mm (40.2 in) including plinth but not feet Width: 190mm (7.5 in) cabinet only 320mm (12.6 in) over plinth Depth: 364mm (14.3 in) cabinet, grille and terminals only 370mm (14.6 in) over plinth	
Net Weight	27.2kg (59.7 lb)	
Finishes	Cabinet:	Grille:
	Black Ash	Black
	White	Light Grey