





The extended bass response and output capacity of the $2\frac{1}{2}$ -way 684 floorstander make it a great choice for hi-fi or home cinema in medium-sized to large rooms.

It features a new combination of a pair of Kevlar® cones for delivering its bass and midrange. The lower cone is dedicated to bass, which relieves the upper bass/midrange unit of the duty to handle heavy bass and leads to clearer, crisper midrange than you might find in smaller speakers. The Nautilus™ tube-loaded, aluminium dome tweeter, featuring a new surround material to improve spaciousness and imaging, adds needle-sharp top end all the way to 50kHz and beyond.

The improvements to the drive units in the new 600 Series make it possible, for the first time, to introduce a minimalist crossover to the range. The use of components that are fewer in number but higher in quality – hand-picked in exhaustive listening tests – reduces the degradation of the signal significantly. So, whether you're enjoying hi-fi or home cinema, what you hear is that much closer to what was recorded.

Visually, a refreshed, contemporary design language and a widened choice of wood finishes allows the 684 to fit in effortlessly with any interior.

Description 2.5 - way vented-box system

Drive units 1x ø25mm (1 in) aluminum dome high-frequency 1x ø165mm (6.5 in) woven Kevlar® cone bass/

midrange

1x ø165mm (6.5 in) woven Kevlar® cone bass

Frequency range -6dB at 34Hz and 50kHz

Frequency response 44Hz-22kHz ±3dB on reference axis

Dispersion Within 2dB of reference response

Horizontal: over 60° arc Vertical: over 10° arc

Sensitivity 90dB spl (2.83V, 1m)

Harmonic distortion 2nd & 3rd harmonics (90dB, 1m)

<1% 90Hz - 22 kHz <0.5% 120Hz - 20kHz Nominal impedance8Ω (minimum 3.0Ω)Crossover frequency350Hz, 4kHz

Recommended amplifier power 25W - 200W into 8Ω on unclipped

programme

Max. recommended cable 0.1Ω

impedance

Dimensions Height: 910mm (35.8 in)

(not including plinth or feet) Width: 198mm (7.8 in) Depth: 300mm (11.8 in) (including grille and terminals)

Net Weight 18.2kg (40.1 lb)

Finishes Black Ash Vinyl
Red Cherry Vinyl

B&W Bowers & Wilkins