

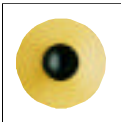
FCM8

THX Home Cinema Monitor

Product Summary

- Front speakers provide localised sound imaging for the action on the screen. The dispersion of the FCM8 speakers is tightly specified to be broad in the horizontal plane. This gives a good blend between the speakers and a well defined image to listeners seated alongside each other. Since the speakers are Acoustically Voice Matched, the dispersion ensures that sound which pans across the screen does not change character or 'timbre'.
- Each Front Cinema Monitor has a vertical phased array of three tweeters, carefully positioned to achieve the required controlled directivity in the vertical plane. In this tweeter, developed from the unit used in the industry-acclaimed B&W Matrix 801, the ceramic coated alloy diaphragm is attached to a new low-hysteresis suspension to further improve its dynamic capability.

Technical highlights



Kevlar®: B&W developed and patented the method of using Kevlar® for loudspeaker cones to reduce unwanted standing waves. DuPont originally created Kevlar® for use in bulletproof vests.



Matrix™: The basic construction of nearly all loudspeakers is exactly the same - panels of wood-based materials, bonded to form a rectangular box. B&W studied and evaluated how each aspect of cabinet behaviour and the efficiency of various materials and construction methods affects sound.



Description	Front Cinema Monitor	Dimensions	Height: 600mm
Drive units	2 x 160mm Kevlar® dia bass/mid 3 x 25mm metal dome high-frequency		Width: 258mm Depth: 225mm
Frequency response	80Hz - 22kHz ± 3dB on reference axis	Finishes	Cabinet: Black Ash Grille: Black Cloth
Sensitivity	90dB spl (2.83V 1m)		
Nominal impedance	6 ohms (minimum 4 ohms)		
Power handling	50W - 200W into 4 ohms on unclipped programme		



LISTEN AND YOU'LL SEE