See nothing, hear everything

The CCM 80 is a true high performance ceiling-mount speaker. The tweeter has a 1in metal dome tweeter and a treble contour switch to cut or boost the high frequencies. The frame incorporates “Swing Out Dogs” for effortless installation. The tweeter housing pivots for adjustable off-axis treble response.

Technical Specification

Technical features	**Three-position treble contour switch** **Adjustable tilt tweeter** **Swing-out dog fixings**
Description	2-way in-ceiling speaker system
Drive units	1x ø25mm (1 in) alumminium dome tweeter 1x ø200mm (8 in) woven Kevlar® cone mid/bass
Frequency range	-6dB at 35Hz and 30kHz
Frequency response	40Hz-20kHz ±3dB on reference axis
Sensitivity	90dB spl (2.83V, 1m)
Nominal impedance	8Ω (minimum 3.0Ω)
Crossover frequency	3.5kHz
Recommended amplifier power	20W - 150W continuous into 8Ω on unclipped programme
Frame size	Diameter: 280mm (11 in)
Cut-out size	Diameter: 254mm (10 in)
Min depth req	100mm (4.0 in) from ceiling surface
Net weight	2.2kg (4.8lb)
Finish	Semi-matt white suitable for customising or pre-painting (paint mask included)
Accessories	Pre-mount kit for new construction (PMK c80) Back Box (BB C8)

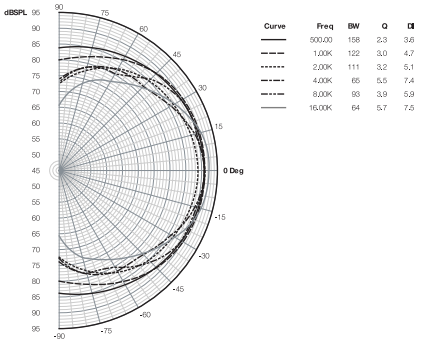
CCM 80

Architectual and Engineering Specifications

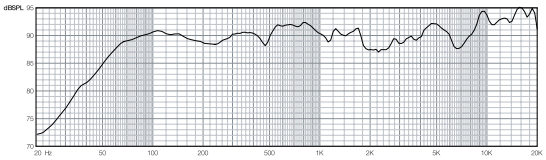
The loudspeaker system shall be of the mono-amped 2-way type comprising of a single flush mountable circular enclosure containing one 8in bass-mid driver with woven glass fibre cone and one adjustable tilt, 1in aluminium dome tweeter.

Performance specifications of a typical production unit shall meet or exceed the following:
Frequency response shall be 40 – 20kHz ± 3dB. Nominal impedance shall be 8 Ohm. Total power handling shall be 150W continuous into 8 Ohm on unclipped programme. Sensitivity measured with 2.83V at 1-metre distance on axis, mean averaged between 40 – 20kHz shall be 90dB.
External dimensions shall be 280mm (11in) diameter x 104mm (4.1in) depth. Total weight shall be 2.2kg (4.8lb).
The loudspeaker system shall be the B&W CCM 80. No other system shall be acceptable unless the above combined performance are equalled or exceeded.

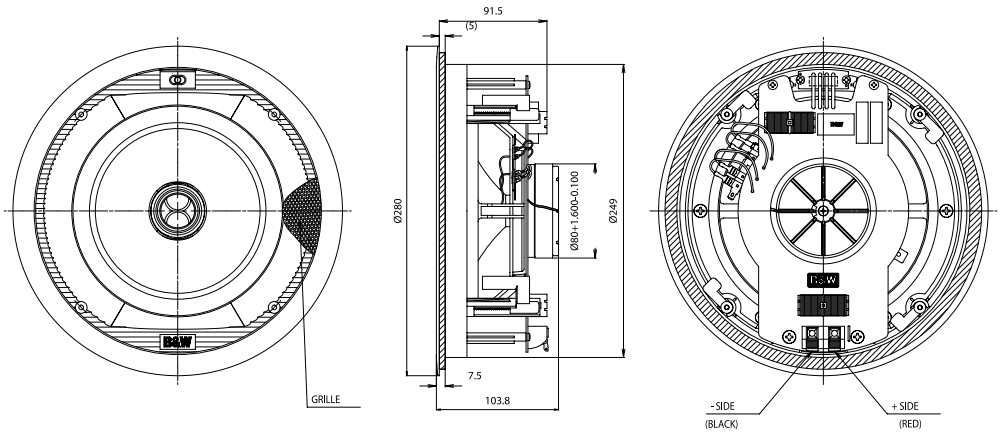
Polar Response



Frequency Response



Dimensions



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