



See nothing, hear everything

The CWM 800 is a true high performance wall-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. IR Receiver compatible.

Technical Specification

Technical features	IR receiver compatible 3-position treble contour switch Swing-out dog fixings
Description	2-way in-wall speaker system
Drive units	1x ø25mm (1 in) aluminium 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	89dB spl (2.83V, 1m)
Nominal impedance	8Ω (minimum 3.0Ω)
Crossover frequency	3.5kHz
Recommended amplifier power	150W continuous into 8Ω on unclipped programme
Frame size	371mm (14.6 in) x 225mm (10 in)
Cut-out size	337mm (13.3 in) x 220mm (8.7 in)
Min depth req	95mm (3.7 in) from wall surface
Net weight	2.9kg (6.3lb)
Finish	Semi-matt white suitable for customising or pre-painting (paint mask included)
Accessories	Pre-mount kit for new construction (PMK 800) Back Box (BB W8)



CWM 800

Architectural and Engineering Specifications

The loudspeaker system shall be of the mono-amped 2-way type comprising of a single flush mountable rectangular enclosure containing one 8in bass-mid driver with Kevlar cone and one 1in aluminium dome tweeter.

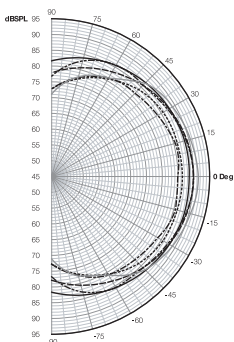
Performance specifications of a typical production unit shall meet or exceed the following:

Frequency response shall be 40 – 20kHz. 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 89dB.

External dimensions shall be 371mm (14.6in) height x 225mm (10in) width x 101mm (4.0in) depth. Total weight shall be 2.9kg (6.3lb).

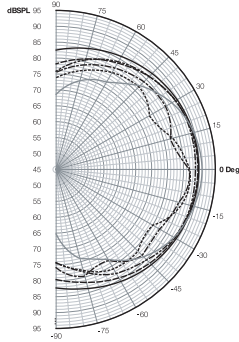
The loudspeaker system shall be the B&W CWM 800. No other system shall be acceptable unless the above combined performance are equalled or exceeded.

Polar Response Horizontal



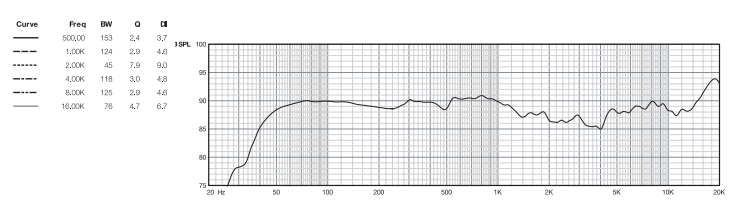
Curve	Freq	BW	Q	IL
—	500.00	165	2.2	3.4
- - -	1.00K	111	3.2	5.1
· · · · ·	2.00K	122	3.0	4.7
- · - · -	4.00K	138	2.6	4.2
— · — · —	8.00K	140	2.6	4.1
— · — · —	16.00K	95	3.8	5.8

Polar Response Vertical

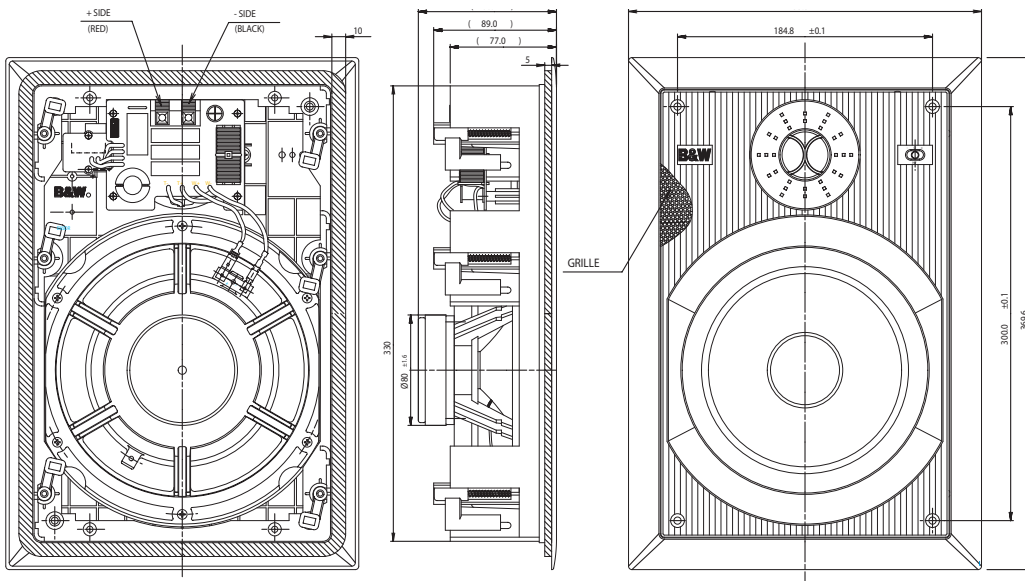


Curve	Freq	BW	Q	IL
—	500.00	153	2.4	3.7
- - -	1.00K	124	2.9	4.6
· · · · ·	2.00K	45	7.9	9.0
- · - · -	4.00K	118	3.0	4.8
— · — · —	8.00K	125	2.9	4.6
— · — · —	16.00K	76	4.7	6.7

Frequency Response



Dimensions



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