



See nothing, hear everything

The CWM DS8 provides either dipole or monopole sound at the push of a remote control handset button. The CWM DS8 achieves its versatility by incorporating two midrange and tweeter driver arrays with a shared bass driver. In conventional mode the system is configured in 2-way format with a 180mm Kevlar bass/midrange driver and 25mm Nautilus tube loaded aluminium dome tweeter.

Technical Specification

Technical features	3-way dipole/2-way monopole in-wall system Woven Kevlar® midrange driver Nautilus™ tube-loaded tweeter
Description	3-way dipole/2-way monopole in-wall system
Drive units	3x ø25mm (1 in) Nautilus™ tube loaded aluminium dome tweeter 2x ø80mm (3 in) woven Kevlar® cone midrange 1x ø180mm (7 in) Kevlar® cone bass/midrange
Frequency range	-6dB at 40Hz and 50kHz
Frequency response	45Hz-22kHz ±3dB on reference axis
Sensitivity	88dB spl (2.83V, 1m)
Nominal impedance	8Ω (minimum 5.0Ω)
Crossover frequency	3.5kHz (monopole) 4kHz (dipole)
Recommended amplifier power	150W into 8Ω on unclipped programme
Frame size	524mm (20.6 in) x 294mm (11.6 in)
Cut-out size	485mm (19.1 in) x 255mm (10 in)
Min depth req	92mm (3.6 in) behind mounting surface
Net weight	5.7 kg (12.5lb)
Finish	Semi-matt white suitable for customising or pre-painting (paint mask included)
Accessories	Pre-mount kit for new construction (PMK DS8/8180) Back Box (BB DS8/8180)

CWM DS8

Architectural and Engineering Specifications

The loudspeaker system shall be of the mono-amped 3-way selectable monopole/dipole type comprising of a single flush mountable rectangular enclosure with protruding frontage containing one 7in bass driver with Kevlar cone and one 1in tube loaded aluminium dome tweeter for monopole usage and two 3in midrange and two 1in tube loaded aluminium dome tweeters side firing drive units for dipole mode.

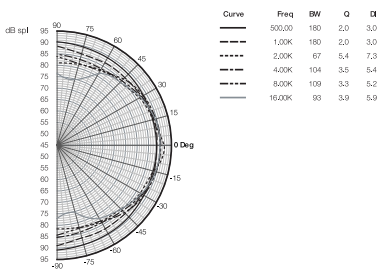
Performance specifications of a typical production unit shall meet or exceed the following:

Frequency response shall be 45 – 22kHz, 45Hz – 15kHz in dipole mode. 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 45 – 22kHz shall be 88dB.

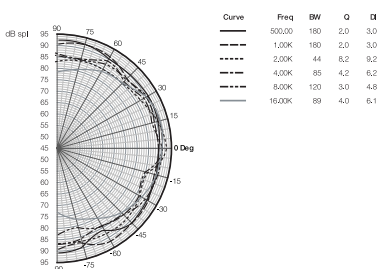
External dimensions shall be 524mm (20.6in) height x 294mm (11.6in) width x 87mm (3.4in) depth with a protrusion of 21mm (0.8in). Total weight shall be 5.7kg (12.5lb).

The loudspeaker system shall be the B&W DS8. No other system shall be acceptable unless the above combined performance are equalled or exceeded.

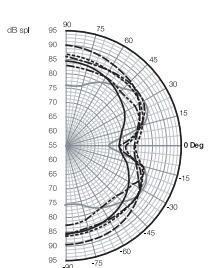
Monopole Polar Response Horizontal



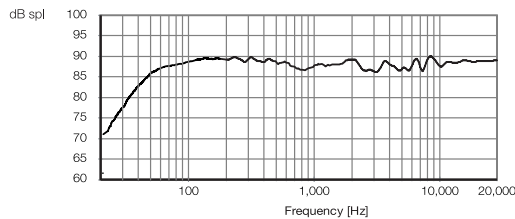
Monopole Polar Response Vertical



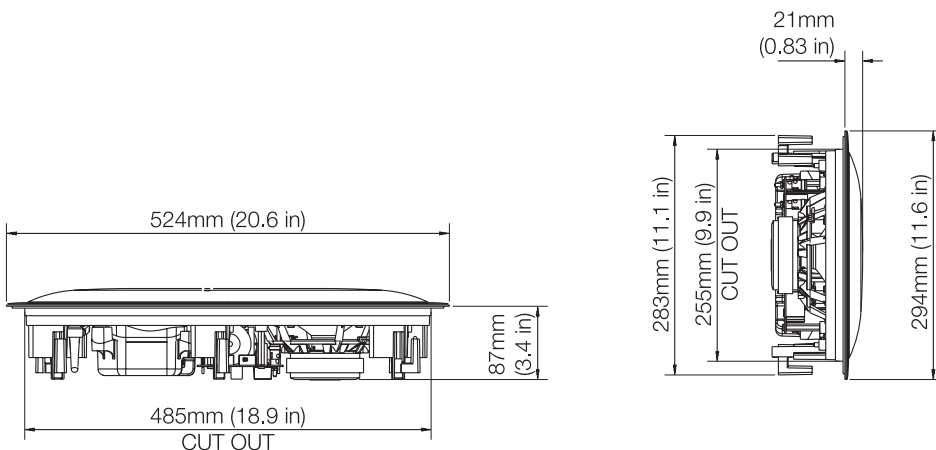
Dipole Polar Response Horizontal



Frequency Response



Dimensions



Bowers & Wilkins

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