



In-Wall Monitor

Observations:

- To the casual observer, all in-wall loudspeakers are one and the same. After all, they are modeled to blend into the surrounding decor, and are rarely called on to give more than polite ambience.
- At B&W, we know our customers are more discerning in their requirements. While aesthetics are a notable consideration, the fidelity of the playback system is of paramount importance. To these enthusiasts, music is an acoustic palette, from which may be drawn and savored, the many hues of emotional experience.

Performance Well Beyond Expectations:

- B&W in-wall loudspeakers, rival the extraordinary accomplishments of our reference monitors, the 800 series. Utilizing a composite aluminum dome tweeter, the high frequency realm is exacting in its replication of the waveform to beyond audibility.
- Low frequency response and the critical midrange band is handled by specially developed polymer drivers that provide exceptional bass extension and definition, combined with superb midrange clarity and focus.
- The use of cast baskets and CAD (computer aided design) motor assemblies provide wide range dynamic capabilities, with minimum coloration. Computer optimization of crossover and driver interaction ensures that all B&W in-wall loudspeakers will provide a smooth listening window throughout the room.

Architectural Solutions:

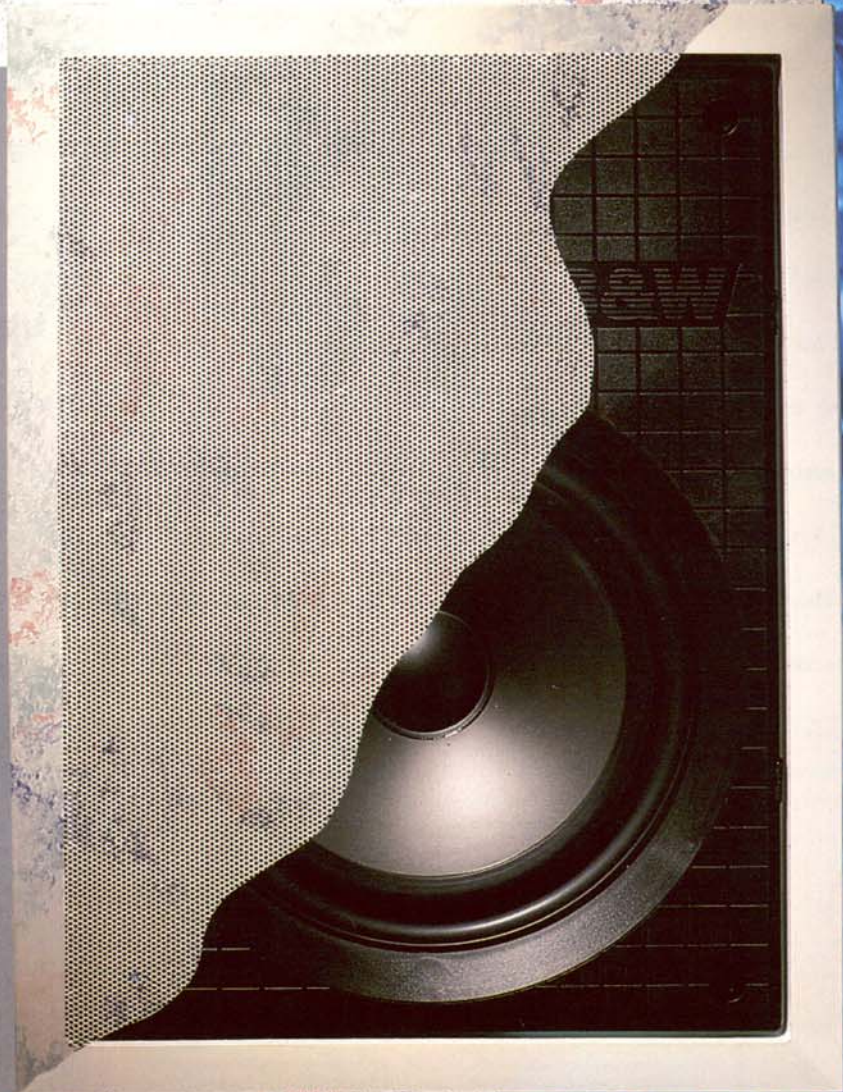
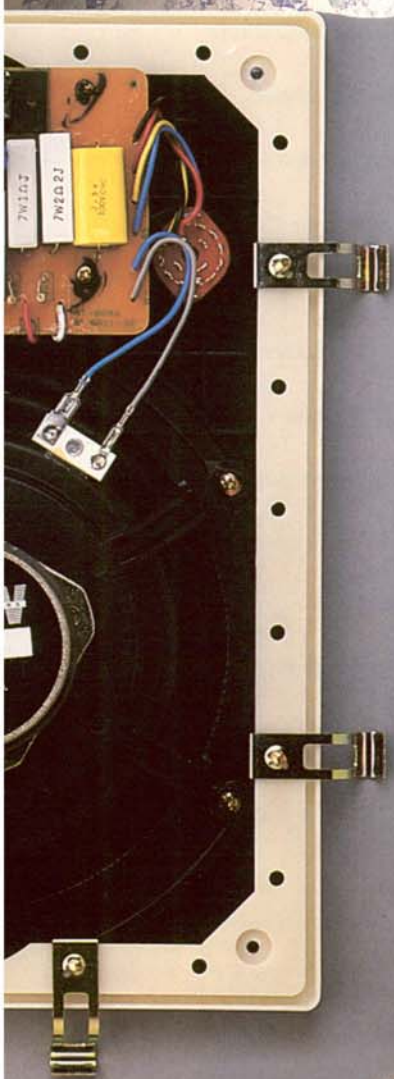
- These sophisticated loudspeakers offer exceptional, subtle installation options, and fulfill the expectation of quality performance that B&W has become noted for worldwide. In total harmony with their environment, the primer white outer grille may be painted any color desired. Or, utilizing the inner molded frame, a sonically transparent fabric may be chosen to achieve the required visual effect.

- B&W in-wall loudspeakers are the sonic synthesis of science and art.

Loudspeakers for the senses - Sight and Sound.



MEETS THE EYE



O P T I O N S

B&W in-wall loudspeakers are available in three formats to provide the appropriate level of frequency response, dynamic output, size, and cost, relative to the specific application.

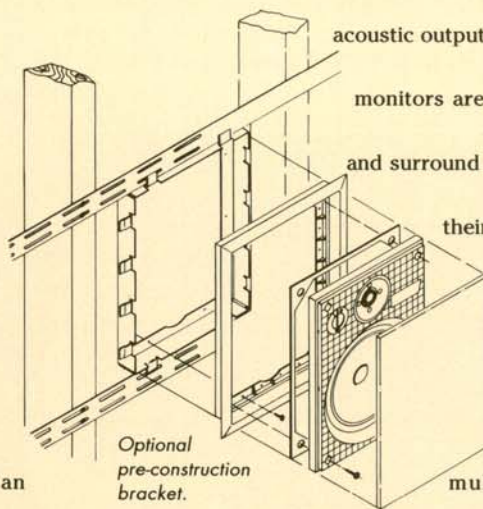
- The CWM-8 is an 8" two-way system featuring a high frequency contour switch, B&W's patented APOC circuitry, and low frequency extension to 35Hz* (-3dB overload protection). Its full range response and high power handling make it an

ideal primary system in larger listening rooms where freestanding loudspeakers would be deemed inappropriate. The CWM-8 was recognized as the in-wall "Speaker of the Year" in the prestigious **Audio Video**

International Hi-Fi Gran Prix (1991).

- Our CWM-6 offers flawless wall and ceiling mount performance with only a minor reduction in total acoustic output and bass response. The 6" two way monitors are a natural selection for multi-room and surround sound applications and incorporate their own integral protection system.

- The latest addition to our architectural series, the CWM-5, provides the most versatile multi-application loudspeaker yet.



Combining compactness and high fidelity into a mini-monitor that audibly enhances its surroundings, without drawing attention to the means.

**measured under laboratory conditions*

SPECIFICATIONS	CWM5	CWM6	CWM8
Frequency response	75Hz to 20kHz ±3dB	45Hz to 20kHz ±3dB	35Hz to 20kHz ±3dB
Bass Loading	Second-order acoustic suspension	Second-order acoustic suspension	Second-order acoustic suspension
Dispersion	20Hz to 20kHz Vertical: ±2dB over 10° arc Horizontal: ±2dB over 40° arc	20Hz to 20kHz Vertical: ±2dB over 10° arc Horizontal: ±2dB over 40° arc	20Hz to 20kHz Vertical: ±2dB over 10° arc Horizontal: ±2dB over 40° arc
Sensitivity	89dB(2.83V, 1m)	89dB(2.83V, 1m)	90dB(2.83V, 1m)
Impedance	8Ω	8Ω	4Ω
Crossover	Second-order low-pass and high-pass	Second-order low-pass and high-pass	Second-order low-pass and high-pass
Drive units	One 125mm(5in) low frequency with polypropylene cone, one 26mm(1in) high frequency with polyester dome	One 180mm(7in) low frequency with polypropylene cone, one 26mm(1in) high frequency with metal dome	One 220mm(8 3/4in) low frequency with polypropylene cone, one 28mm(1in) high frequency with metal dome
Power handling	Suitable for amplifiers with 20 to 70W output. HF auto-reset overload protection	Suitable for amplifiers with 20 to 70W output. HF auto-reset overload protection	Suitable for amplifiers with 20 to 100W output. Total system protection with B&W's patented APOC
Dimensions	H.227mm(9in) W.160mm(6 1/4in)	H.320mm(12 1/2in) W.230mm(8in)	H.380mm(14 1/4in) W.272mm(10 3/4in)
Mounting aperture	H.210mm(8 1/4in) W.145mm(5 3/4in) Depth(min. cavity): 65mm(2 1/2in)	H.290mm(11 1/2in) W.200mm(8in) Depth(min. cavity): 75mm(3in)	H.330mm(13in) W.242mm(9 1/2in) Depth(min. cavity): 86mm(3 3/4in)
Finish	Semi-matt white	Semi-matt white	Semi-matt white

B&W reserve the right to amend details of their specifications in line with technical developments



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