

See nothing, hear everything

The Signature 7NT is a true Kevlar woofer based audiophile in-wall monitor. The Aluminium baffle has very high rigidity, which with the 7in cast frame improves bass speed and attack. The crossover contains polypropylene capacitors resulting in transparency throughout the frequency range. The inverted drive unit configuration brings the Nautilus tube technology tweeter closer to ear height and the speaker has a switch to allow the HF level to be adjusted. The speaker can be bi-wired via high quality gold plated terminals.

Technical Specification

Technical features

Audiophile-standard in-wall monitor
Nautilus™ tube-loaded tweeter
EQ Switch

Description

2-way in-wall speaker system

Drive units

1x ø25mm (1 in) aluminium dome tweeter
 1x ø180mm (7 in) woven Kevlar® cone mid/bass

Frequency range

-6dB at 35Hz and 50kHz

Frequency response

40Hz-25kHz ±3dB on reference axis

Sensitivity

88dB spl (2.83V, 1m)

Nominal impedance

8Ω (minimum 3.6Ω)

Crossover frequency

3.5kHz

Recommended amplifier power

150W continuous into 8Ω on unclipped programme

Frame size

371mm (14.6 in) x 255mm (10 in)

Cut-out size

337mm (13.3 in) x 220mm (8.7 in)

Min depth req

98mm (3.8 in) from wall surface

Net weight

3.0kg (6.6lb)

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)



Signature 7NT

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 7in bass driver with woven Kevlar cone, one 1in tube loaded aluminium dome tweeter.

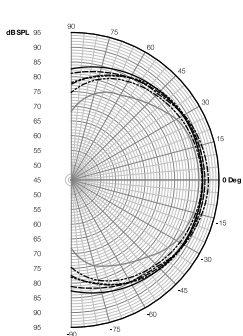
Performance specifications of a typical production unit shall meet or exceed the following:

Frequency response shall be 40 – 25kHz. 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 – 25kHz shall be 88dB.

External dimensions shall be 371mm (14.6in) height x 225mm (10in) width x 101mm (4.0in) depth. Total weight shall be 3.0kg (6.6lb).

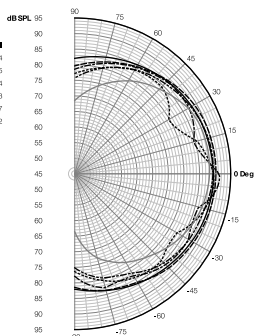
The loudspeaker system shall be the B&W Signature 7NT. No other system shall be acceptable unless the above combined performance are equalled or exceeded.

Polar Response Horizontal

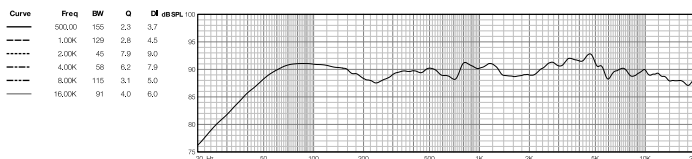


Curve	Freq	BW	Q	Q
—	500/50	165	2.2	3.4
- - -	1,00K	129	2.8	4.5
· · · · ·	2,00K	131	2.8	4.4
· · · · ·	4,00K	107	3.4	5.3
- - -	8,00K	122	3.0	4.7
—	16,00K	85	4.2	6.2

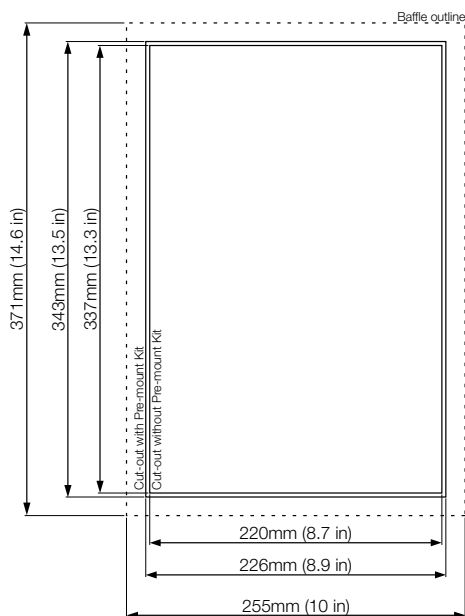
Polar Response Vertical



Frequency Response



Dimensions



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