

Wool Carbon IW 28 Surround

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The IW 28 WC Surround is a premium grade, in-wall, full range surround speaker system. Designed to provide state of the art side, rear and rear surround performance (uniform coverage over a wide arc) it uses proprietary cast wool /carbon “quiet cone” 8” woofer and dual 1” silk dome neodym tweeters. A rugged 1” wide aluminum mounting frame (not plastic) is fastened to a massive 3/4” thick MDF baffle. The inner support trestle assembly is comprised of 3/4” thick birch plywood and couples, via 1/4” steel bolts, to provide extra rigidity and support. “Flexing”, a form of detrimental phase distortion caused by “moving panels” and synonymous with in-wall systems, is virtually non-existent. A **significant** improvement in performance is realized because the front baffle/wall interface doesn’t “move”. A minimum phase HQ crossover includes polypropylene capacitors and a customized level control that optimizes high frequency response for prevailing room acoustics.

Specifications

System Design	8” 2 way in wall surround system.
Woofers	(1) – 8” Wool/Carbon / cast frame
Tweeter	(2)- 1” Silk. dome tweeter.
Frequency Resp.	45 hz- 20 khz, mounted in back box
Crossover	1500 hz @ 18 db/octave
Impedance	6 ohms
Sensitivity	90 db
Construction	Rigid aluminum front edge with HD 3/4” front baffle .
Wall mounting	3/4” birch ply trestle with 1/4” steel bolts
Grille / Color	MDF/ with a wide variety of fabrics to match wall color
Overall Size	14” h x 12” w x 3.7” d.

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