

Snell Premier Series

IW-D7

HIGH PERFORMANCE IN-WALL LOUDSPEAKER BASED ON THE D7 TOWER

The IW-D7 is a high performance, in-wall LCR, based on our highly regarded D7 tower. The same components are mounted in a fully enclosed, easy to mount aluminum enclosure, giving you near freestanding tower performance from an in-wall solution. IW-D7 is a 6.5-inch, D'Appolito Array, designed by Snell chief engineer, Joe D'Appolito. In 1990, Snell developed the first "back-boxed" in-walls designed to mount flush in typical 2" x 4" walls. The evolution of this technique corrects for the problems associated with all in-wall installations. The fully enclosed cabinet defines bass performance and reduces sound transfer to adjacent rooms, while the non-plastic, three part baffle quiets cabinet resonance, which in turn reduces vibration to the wall materials. The twin 6.5-inch long throw woofers provide extended bass and plenty of output, and the 1-inch low-resonance, silk dome tweeter enables a large sweet spot for better stereo imaging. The IW-D7 is capable of tremendous impact, and realistic sound staging. It is the perfect speaker for any high performance music or video system. It is living proof that sound quality without compromise can be delivered unobtrusively .

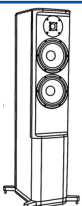


Dimensions:
 Finish
 30 1/2" High
 10 1/2" Wide
 3 3/4" Deep

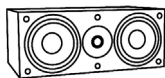
Dimensions:
 Rough
 29 3/8" High
 9 3/8" Wide

Application Alternatives:

System Suggestions:



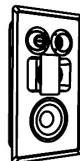
D7 In Room



IC D7 In Cabinet



IW BASIS 300
Subwoofer



IW SR30 Surround

Like all Snell loudspeakers, each IW-D7 is hand tuned for natural imaging and sonic depth.

Design:

Infinite Baffle, Back-Boxed, "D'Appolito" In-Wall LCR

Frequency Response

62Hz-20kHz ± 3dB

Sensitivity

[1 Watt (2.83v) @ 1m] 90 dB

Impedance

Nominal 4 Ohms

Maximum Output

110 dB

Recommended Power

50 Watts Minimum
300 Watts Maximum

Tweeter

1-inch SEAS silk dome

Woofers

Two 6.5-inch copolymer cone, 6mm Excursion

Crossover Frequency

2.0 kHz

Crossover

Discrete tweeter, and woofer circuits. Time alignment and coherency are achieved through the transition region from driver to driver. Each crossover is individually tuned by our technicians to ± 0.5db of the Master Reference.

Connections

Spring loaded gold-plated terminals, accepts pins, banana plugs and bare wire to 12 gauge.

Cabinet Construction

Enclosure – Solid aluminum cabinet with full bracing and asphalt damping. Baffle – QuietBoxTechnology™ Hi-loss damping adhesive sandwiching two layers of 1/4-inch MDF. Mounting system – Eight "dog-leg" clamps for mounting surfaces 1/2 to 1 1/2-inch thick.

Grille

Perforated steel with white powder coat paint.

Finishes

Paintable white finish. Can be ordered in most paint finishes.

Weight

19 lbs.

