

IWTS-4 LCR In-Wall HT System

“Entry-level” doesn’t apply to its sound.



The Atlantic Technology IWTS-4 LCR is our lowest-priced in-wall speaker but it borrows much of its technology and simplicity of installation from its more costly brethren.

This speaker uses a 6 1/2" GLH (Graphite-Loaded Homopolymer) woofer for solid bass down to 57 Hz and Atlantic's renowned 1" soft-dome Low Resonance Tweeter (LRT™). Because of its low crossover point, this remarkable tweeter allows the IWTS-4 LCR to deliver much wider midrange dispersion than conventional in-wall speakers for greater placement flexibility, without the severe acoustic and mechanical drawbacks of the so-called "pivoting tweeter."

Here's why: The woofer in conventional in-wall speakers handles too much of the midrange and woofers send out the midrange like a flashlight beam—pretty much only straight ahead, with very little sound side-to-side or up-and-down. So even if these speakers have a pivoting tweeter, that doesn't really help, since it's the woofer, not the tweeter, that handles the directionally-critical midrange frequencies.

What's needed is a speaker where the tweeter, not the woofer, handles more of the midrange, because unlike woofers, tweeters spread their sound out over a very wide area.

Because of this, Atlantic has engineered an extremely sophisticated, high-performance tweeter (the Low Resonance Tweeter, or LRT™) for the IWTS-4 LCR, and it can play most of the middle tones as well, thereby relieving the woofer of having to do what woofers can't do. Our LRT tweeter spreads out the midrange sound over a much wider angle than the woofer, so the IWTS-4 covers the entire listening area beautifully in both the midrange and treble, even when it's mounted high up on the wall. This tweeter technology was originally developed for our In-Wall Closed Box series (retailing for up to \$1000 ea.), but is now available in the IWTS-4 LCR, at a fraction of the price. We know of no similarly-priced in-wall speaker that can match its performance.

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Gold plated connectors



Audiophile-grade crossover



Paintable grille and frame



Atlantic's renowned 1" LRT™ soft dome tweeter



Adjustable High Frequency switch



The IWTS-4 LCR uses a separate baffle/frame installation assembly, so the frame and grille can be installed first and painted to match the room at the time the walls are being painted. The speaker baffle simply screws into the frame at a later date. Very convenient.

A 3-position High Frequency switch located on the baffle lets the user tailor the speaker's sound to the room's acoustics, or to adjust the HF balance for personal taste. For the perfect finishing touch, the IWTS-4 LCR incorporates an aluminum tweeter faceplate with a precision horn, which optimizes the tweeter's dispersion and gives the speaker an unmistakably consistent family appearance in keeping with our more expensive in-wall models.

Specs

Type	2-way
Drivers	Woofers 6 1/2" (165mm) GLH* Tweeter 1" (25mm) LRT soft dome
Frequency Response	57Hz - 20kHz ±3dB
Nominal Impedance	6 Ohms
Crossover Frequency	2.4kHz, 3rd order
Sensitivity	88dB
Recommended Power	10 - 100 Watts RMS
Overall Dimensions	8 3/4 x 12 1/8 x 3 3/4"
(W x H x D)	223 x 308 x 96mm
Cutout Dimensions	7 5/8 x 11"
(W x H)	194 x 280mm
Net Weight	6lbs; 2.7kg each

*Graphite Loaded Homopolymer