

IWTS-30 LCR In-Wall HT System

The State of Our Art

The IWTS-30 LCR is our top-of-the-line in-wall theater speaker system, the best we've ever made. Considering that Atlantic has been in the home theater speaker business since 1989, that's really saying something.

This system represents a combination of superlative audio performance, simple installation, and innovative features that are unmatched by virtually any other custom-installed system.

IWTS-30 LCR

This THX-certified front-channel speaker forms the heart of a no-compromise home theater system. It is a 3-way system with a long-excursion 8" woofer, two high-power 3 1/2" midranges and Atlantic's exclusive 1" Low Resonance Tweeter (LRT™).

The midranges and tweeter are arrayed in a vertical M-T-M configuration, in a separate sealed enclosure, isolated from the woofer. The entire M-T-M assembly rotates 90°, so that the tweeter-midrange array can be kept in the preferred vertical orientation for optimum dispersion, even if you choose to mount the 30 LCR horizontally.

The M-T-M assembly can also be tilted up to 8° towards the listening area, so no matter where the 30 LCR is mounted—above, below, or far to the sides of the screen—its sound can always be directed precisely at the listeners for pinpoint sonic imaging and localization.

The 3 1/2" midrange driver is a proprietary Atlantic design that uses an over-sized 1" voice coil for outstanding power handling with virtually perfect driver control for ultra-low distortion. Our 1" LRT tweeter has a damped rear chamber/heatsink that allows the tweeter to cross over a full octave lower than an ordinary tweeter, thus delivering much wider dispersion and more even sound coverage.

These advanced mid- and high-frequency drivers, combined with the rotatable-tiltable M-T-M assembly, allow the IWTS-30 LCR to deliver an unprecedented level of effortless, accurate sound, almost independent of where the speaker is mounted.



THX
ULTRA 2.



IWTS-30 LCR In-Wall HT System



Rotatable/Tilttable MTM section



High Frequency Energy, Location and Boundary Compensation switches



Sophisticated 3-way crossover



AT's renowned 1" LRT™ soft dome tweeter



IR punchout*



Front Panel Controls

HF level – Adjusts tweeter's output for varying room acoustics

Location – Raises or lowers entire mid-treble band depending on whether or not speaker is behind perforated video screen

Boundary – Adjusts upper-bass/lower-mid response to correct for "boundary gain" when speaker is too close to corner

Specs

| | IWTS-30 LCR |
|--|---|
| Type | 3-way |
| Drivers | Woofers 8" (203mm) GLH* Midrange (2) 3½" (89mm) GLH* Tweeter 1" (25mm) soft dome LRT™ |
| Frequency Response | 55Hz – 20kHz ±3dB |
| Nominal Impedance | 6Ω |
| Crossover Frequency | 500Hz, 2200Hz 3rd order |
| Sensitivity | 89dB |
| Recommended Power | 25 – 200 Watts RMS |
| Overall Dimensions (W x H x D) | 12 ⁵ / ₁₆ " x 21 ⁵ / ₈ " x 3 ⁷ / ₈ " 312 x 547 x 100mm |
| Cutout Dimensions (W x H) | 11 ¹ / ₈ " x 20 ³ / ₈ " 283 x 518mm |
| Optimum Sealed Enclosure Volume | 1.0 cu. ft. |
| Net Weight (ea) | 15lbs; 6.9kg each |

*Graphite Loaded Homopolymer

*IR Receiver not included

Features

Optional back box – Provides proper enclosure volume for optimum woofer response; minimizes acoustic bleed-through from one room to another.

Rotatable/tiltable M-T-M assembly – Retains optimum vertical alignment of M-T-M, even if speaker is installed horizontally; allows mid/high-frequency sound to be directed precisely at listening position

Separate grille/frame – Grille/frame assembly is sold separately from speaker portion, to maximize installation scheduling convenience.



This speaker's THX certification is your assurance that the IWTS-30 LCR belongs in the very highest category of precision, high-performance audio devices.

For ease of installation and total flexibility/convenience, the IWTS-30 uses the same grill/frame assembly and New Construction Bracket as the IWCB-626 and IWCB-727 (the GFR-626 and IN-NC-626)



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