



PLATINUM  
S E R I E S

PL-InWall

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## PL-InWall

No room, however stylish, should be without the performance of Platinum. That's why we set about the seemingly impossible task of creating an architectural speaker with the sublime sonic characteristics of our flagship, award-winning Platinum systems. The challenge was considerable, but on the evidence of the PL-InWall, it has been comfortably exceeded.

This is a no-compromise three-way in-wall design at the cutting edge of our technology, incorporating twin 6.5" RDT® bass drivers, a 4" RDT mid-range driver and the universally admired Platinum ribbon tweeter. Having the same driver configuration and construction as our award-winning PL200 floor-standing model, the PL-InWall is a true wide-bandwidth in-wall speaker system with an astonishing 52Hz-100kHz range.

The beauty of the PL-InWall is that it can deliver the best possible audio performance while remaining completely discreet. It's designed to fit vertically or horizontally within any stud wall type construction to become an intrinsic part of the room fabric. By fashioning an 'invisible' speaker with Platinum's naturally clear, dynamic and detailed sound, our engineers have performed a modest miracle. With the advent of the PL-InWall, the look and the luxury of a high-performance multi-speaker surround system installed seamlessly in-wall is now a reality.

### Features at a glance:

- High power handling and SPL capability for serious high end theatre systems.
- Wide frequency bandwidth to enhance HD audio and Blu-ray reproduction.
- Full 3-way design featuring RDT and ribbon HF driver technology Rotating mid-range/HF housing to provide H or V orientation.
- CNC Machined ARC™ baffle construction providing rigid, non resonant fixing to the wall.
- Rigid MDF shell with steel back panel.
- Suitable for retro-fit installation.
- Tri-Grip dog leg fixings (10 locations).
- Magnetic grille assembly - No visual fixings.



### Versatile installation

The sealed PL-InWall enclosure may be installed horizontally or vertically to accommodate architecture or to ensure the correct driver alignment in elite music or home theatre systems. When the horizontal orientation of a centre channel speaker is required, the mid-range driver panel (housing a single 4" RDT mid-range transducer with a Platinum HF ribbon) can easily be removed and rotated through 90 degrees.



## PL-InWall Specifications

Frequency Response	52Hz - 100kHz
Sensitivity (1W@1m), dB	90
Nominal Impedance, ohms	4
Maximum SPL dBA (each)	117.8
Power Handling (RMS) watts	200
Recommended Amplifier Requirements (RMS) watts	100 - 200
Bass Alignment	Sealed Cabinet
System Design	3 - way
Mid/ H.F Crossover Frequency (Hz)	2400
Bass Low Pass Crossover Frequency (Hz)	380
Drive Unit Complement	2 x 6.5" long-throw RDT® bass drivers 1 x 4" RDT® mid-range driver 1 x C-CAM® high frequency ribbon transducer
Fixings	10 x Tri-grip dog leg type fixing system
Dimensions With Grille (H x W x D)	1205 x 330 x 116 mm (47 <sup>7</sup> / <sub>16</sub> x 13 x 4 <sup>9</sup> / <sub>16</sub> Inches)
Dimensions Without Grille (H x W x D)	1205 x 330 x 102 mm (47 <sup>7</sup> / <sub>16</sub> x 13 x 4 Inches)
Cut out Depth	97.5 mm (3 <sup>13</sup> / <sub>16</sub> inches)
Cut out Dimensions (H x W)	1179 x 302 mm (46 <sup>7</sup> / <sub>16</sub> x 11 <sup>7</sup> / <sub>8</sub> inches)
Weight	25 kg (55 lbs)
Finishes Available	Piano Black Lacquer

### Sound without Buzz

To compensate for the variable quality of wall construction the PL-InWall is designed using materials with different resonant properties, ensuring that no single resonant frequency can dominate the structure. The PL-InWall's braced 18mm MDF cabinet is fixed to a steel back panel which, when installed, is isolated by a layer of foam rubber. The structure is secured within the wall at the front baffle, which is made from the Anti-Resonance Composite (ARC employed by the Platinum hi-fi speaker designs to reduce cabinet colouration).

### Precision tuned

The crossover design uses components of the finest quality, selected after many hours of bench testing and listening. Capacitors are of metalized polypropylene film, especially made with conductors of pure silver for maximum signal transfer. Laminated steel core and air core inductors are used to provide low distortion, maximum signal transfer and high power handling.

### Hyper-drive

Ultra-light but utterly rigid RDT bass and mid-driver diaphragms give the PL-InWall speaker extraordinary agility in the vocal frequency range. The drivers are designed for long excursions with extremely low distortion and are optimised for operation within a sealed enclosure by means of an especially precise motor system. Their natural clarity and detail provide the perfect sonic platform for the remarkable C-CAM HF ribbon, developed by Monitor Audio to reproduce frequencies of up to 100kHz with greater precision than any competing design.

### The Ultimate In-Wall

The PL-InWall's exquisite high gloss baffle and metal mesh grille (with invisible magnetic fixings) provide a suitably deluxe finish. Designed for easy installation using multiple Tri-Grip™ dog-leg fixings, the PL-InWall system represents a synergy of high performance and convenience, created to extend the limits of custom speaker installations and built with all the technology, experience and care available from forty years of specialised speaker design.

