

## MONITOR AUDIO LAUNCHES FLAGSHIP IN-CEILING SPEAKER

### PLIC II breaks the boundaries with clever design and technology

Monitor Audio, the premium British loudspeaker specialist, has expanded its Platinum II range of speakers to include a design and installation friendly in-ceiling speaker that offers unsurpassed levels of performance and sublime audio accuracy.

“When developing a new speaker, manufacturers have to consider four audiences – home technology installers, architects, interior designers and end users” comments Monitor Audio’s Technical Director, Dean Hartley. “This means that the final product has to meet many demands. We are delighted that we have met all these expectations with the new PLIC II in-ceiling speaker – it’s a winning combination of high quality sound, ease of installation and discreet design.”

The Monitor Audio PLIC II in-ceiling speaker features an 8” long throw bass driver with Rigid Diaphragm Technology (RDT II) cone technology to provide immensely powerful bass lines. This is achieved by the RDT cone reacting to an audio signal with lightning fast precision without deformation. A rigid aluminium baffle houses dual C-CAM mid-range drivers and an Micro Pleated Diaphragm (MPD) high frequency transducer, directed towards the listening area to deliver the best possible sound balance to the listener.

All PLIC II drivers employ a heavy duty motor system integrating an under-hung motor assembly to ensure the coil always remains in the gap, even when driven hard. The addition of copper ‘shorting’ rings greatly improves magnetic linearity and lowers intermodulation distortion, resulting in crisp and clear audio delivery. A world first for an in-ceiling speaker!

Designed for installation in both new build and retrofit projects, the PLIC II in-ceiling speaker features Monitor Audio’s unique Tri-Grip fixing system. This 3-position ‘dog leg’ style fixing provides a greater contact surface area than other types. This system, combined with the magnetic grille, saves the installer both time and money by speeding up the speaker fitting process.

To ensure controlled audio performance, Monitor Audio has designed an optional pre-construction MDF back box with pre-determined air volume of 24L. The rigid box is available with pre-loaded internal damping material to provide the best possible sound absorption and reduce standing waves.

To satisfy the interior designer and end user, the circular grille can appear almost invisible, by being painted to match the room décor. Monitor Audio also offers a square option to match lighting fixtures and ventilation.



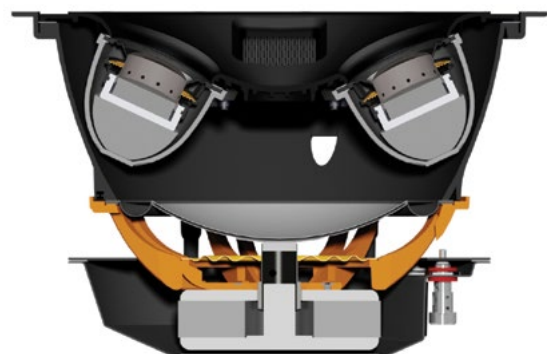
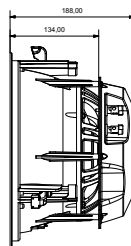
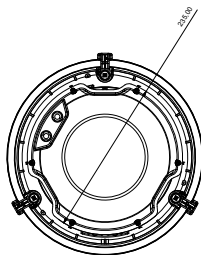
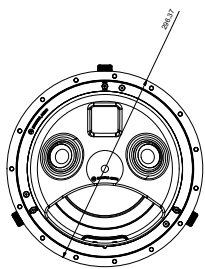
# PLATINUM II IN-CEILING SPEAKER



## Key Features

- High-performance 'no compromise' flagship speaker product
- Compact dimensions
- 4 drivers – full three-way design
- 8" Long throw Bass driver featuring RDT II cone technology
- Dual 2" C-CAM mid-range drivers for wider dispersion
- MPD high frequency transducer
- Angled mid-range and high frequency drivers – directed towards listening area to provide uniform mid and high frequency dispersion
- Rigid aluminium baffle construction
- Highest quality 'push' style termination
- Mid-range and H.F level adjustment switches (+1/0/-1) dB
- Paintable, trim less/low profile circular magnetic grille design – square options available
- Highest quality crossover design – including metallised polypropylene capacitor and low loss inductors
- Patented Tri-grip dog leg fixing
- PLIC-BOX II – specially designed pre-construction enclosure provides ideal controlled performance.
- Pre-construction bracket for retro fit purposes -CB10 (light brown)

## PLATINUM II IN-CEILING Images



# PLATINUM II IN-CEILING SPEAKER



## Specifications

	PLATINUM II IN-CEILING
System Configuration	4 driver,3-way
Frequency Response (-6db)	45Hz - 60kHz
Sensitivity (1W@1M)	90 dB
Impedance	4 Ohms Nominal (3.1 Ohms Minimum @1.1KHz)
Maximum S.P.L (@1M - each)	112 dBA
Power Handling	150 W (R.M.S)
Recommended amplifier requirements	50-150 W (R.M.S)
Recommended Enclosure	PLIC-BOX II or A bespoke sealed enclosure of 24 Litres
Mid/ H.F Crossover Frequency (Hz)	5.3KHz 3rd Order (18dB/Octave)
Bass/Midrange Crossover Frequency (Hz)	380 Hz/4th Order 24dB/Octave)
Drive unit Complement	1 x 8" long-throw RDTII bass driver 2 x 2" C-CAM mid-range drivers 1 x MPD high frequency transducer
Adjustment controls	H.F level switch (+1dB/0dB/-1dB) M.F Level switch (+1dB/0dB/-1dB)
Cable Connection	High-end 'Push' type terminals
Fixings	3 position Tri-Grip Dog leg fixings
Overall Diameter - Grille on Grille off	309mm (12 <sup>3/16</sup> Inches) 296.25mm (11 <sup>11/16</sup> Inches)
Overall Depth - Grille on Grille Off	191.5mm (7 <sup>1/2</sup> Inches) 188mm (7 <sup>3/8</sup> Inches)
Pre- Construction bracket	CB10 (Light Brown)
Construction Material	Main chassis - Mineral Filled ABS (RoHS2 compliant) Baffle - Die cast Aluminium
Grille type	Low profile trim less grille with magnetic fixings - Paintable (Square grille available as a cost option)

For more information or to arrange a demonstration, email [info@monitoraudio.co.uk](mailto:info@monitoraudio.co.uk)  
Additional technical details on the company's comprehensive range of in-ceiling solutions  
for the smart home sector are available at [www.monitoraudio.co.uk](http://www.monitoraudio.co.uk)

**Availability: June 2017**

Monitor Audio Ltd  
24 Brook Road,  
Rayleigh, Essex,  
SS6 7XJ England  
T. + 44 (0)1268 740580  
F. + 44 (0)1268 740589  
E. [info@monitoraudio.co.uk](mailto:info@monitoraudio.co.uk)