

CP-IW260X & CP-IW460X



MAKE GREAT SOUND SUPER-DISCREET WITH OUR NEW 'CONTROLLED PERFORMANCE' IN-WALL SPEAKERS

For over forty years we've been building global acclaim for our award-winning speaker lines, continuously fine-tuning our technologies to create generations of gorgeous hi-fi and home theatre speaker systems, as well as an evolving range of flush-mounting architectural speakers designed to offer the perfect union of great sound and near-invisible installation.

The task of squeezing high sound quality from a speaker small enough to be concealed within a wall or ceiling is usually beset with compromises, but for the new 'Controlled Performance' CP-IW260X and CP-IW460X in-wall designs Monitor Audio has overcome the challenges of scale to deliver the natural, full-range audio energy you'd expect from a free-standing high-end box. In a leap of engineering ingenuity, we've distilled the knowhow driving our flagship hi-fi speakers into a super-compact in-wall format, so that dedicated music lovers and home theatre fans can enjoy the rich, detailed, high-impact dynamics they crave, from a speaker that physically disappears in the room.



The Sound of a Big Speaker from a Stealthy One

The luxury CP-IW260X and CP-IW460X in-wall speakers combine Monitor Audio's latest drivers in compact three-way, five-driver configurations, built into closed-box designs to deliver optimum audio performance.

The range-topping CP-IW460X employs a version of the high frequency C-CAM[®] ribbon transducer deployed by our acclaimed 'Gold' and 'Platinum' ranges. Being extremely light and with no break-up modes, the ribbon delivers extraordinary detail beyond an ultra-sonic 50 KHz to reproduce perhaps the most neutral and natural high frequency performance available from any in-wall speaker design. The CP-IW260X uses the latest generation 1" Gold Dome C-CAM tweeter from our 'Silver' speakers, which employs a specially vented housing, allowing the driver to operate freely for lower resonance, optimum damping and greater accuracy over a wider response.

High Tech HF Drivers

'Dished' Cone Bass and Mids

Further down the frequency spectrum, bass and mid frequency fidelity is preserved by our latest 'dished' cone drivers. The cones formed from a continuous sheet of C-CAM for a larger, more rigid radiating area, and with large motors, 'underhung' voice coils and robust die-cast alloy chassis, the dished cone design delivers exceptionally low distortion and efficiency for deep, clean, dynamic bass and a wonderfully open and expressive midrange.

We've made sure that you enjoy every last sparkle of jaw-dropping fidelity of our CP-X systems. They're fitted with acoustically-sealed cast-polymer back boxes, which prevent the sound from leaking into the wall cavity. With this single enhancement we guarantee you consistently high audio quality wherever the CP-IW260X and CP-IW460X are installed.

Controlled Performance Back Boxes Guarantee Great Sound

Simple to Install, Easy to Love

Our patented ten-position Tri-Grip[®] mounting system provides easy and secure installation, and when installed the CP-IW260X and CP-IW460X can be fine-tuned with room acoustics through individual HF/midrange frequency controls and boundary compensation switching. Paintable trimless grilles are attached with powerful rare earth magnets for easy access, and offer impeccable coordination with wall surfaces to complete the unity of acoustic and aesthetic design perfection.

SPECIFICATIONS

	CP-IW260X	CP-IW460X
Frequency Response	50Hz – 30kHz (-6dB, Typical in room response)	50Hz – 60kHz (-6dB, Typical in room response)
Impedance	6Ω Nominal (Min: 4.5Ω)	
Sensitivity	89dB (1W @ 1M)	
Maximum SPL	113.8dBA (@1M, Installed/in room)	
Power Handling (RMS)	150W	
Recommended Amp Requirements	60 - 150W	
Crossover Frequency	L.F - 500Hz @ 12dB/Octave M.F - 500Hz @ 12dB/Octave, 3KHz @ 18dB/Octave H.F - 3KHz @ 18dB/Octave	
Drive Unit Complement	2 x 6.5" C-CAM® Bass drivers 2 x 4" C-CAM Bass drivers 1 x 25mm (1") C-CAM Gold Dome tweeter	2 x 6.5" C-CAM Bass drivers with RST® cone technology 2 x 4" C-CAM Bass drivers with RST cone technology 1 x C-CAM High Frequency Ribbon transducer
System Configuration	3-way - 5 Driver - Sealed enclosure	
Adjustment Controls	Boundary Compensation (On/Off) / MF Level: +1/0/-1 (dB) / HF Level: +1/0/-1 (dB)	
Overall Dimensions	907 x 257 mm (353/4" x 101/8")	
Overall Depth	102mm (4")	
Cut Out Dimensions	880 x 230 mm (3421/32" x 9")	
Mounting Depth	96mm (33/4")	
Fixing Type	10 x Tri-Grip® Dog leg fixings	
Construction Material	Cast Polymer enclosure (RoHS2 Compliant)	Cast Polymer enclosure with die-cast Aluminium baffle (RoHS2 Compliant)

CP-IW260X:

- Dual 6.5" C-CAM® bass drivers
- Dual 4" C-CAM mid-range drivers – featuring underhung voice coil
- 25mm (1") C-CAM Gold Dome tweeter
- Portrait or landscape orientation.

CP-IW460X:

- Dual 6.5" C-CAM bass drivers featuring RST® 'dimpled' cone technology
- Die-cast alloy bass driver chassis provides rigidity; results in punch bass and clean mid-range performance due to reduced transfer of vibrations
- Dual 4" C-CAM mid-range drivers featuring RST 'dimpled' cone and underhung voice coil technologies
- C-CAM Ribbon High Frequency transducer
- Innovative HF rotating system to facilitate portrait or landscape orientation.

BOTH:

- Integrated back-box to provide rear sound isolation resulting in 'controlled performance'
- Cast Polymer enclosure – designed to provide high degree of rigidity and acoustic damping properties
- High overall efficiency and maximum SPL for powerful home theatre installations
- High power handling
- Three-way design in a symmetrical 'B-M-T-M-B' configuration
- High-end crossover design – featuring low loss inductors and audiophile grade Polypropylene capacitors
- Patented Tri-Grip® fixing system is easier to install than conventional clamping systems providing three times the surface area and improved sealing
- Trim-less, low profile magnetic grilles provide attractive, discreet visual aspect and easy installation and servicing
- Paintable grille to blend with the living environment
- High quality bi-wire terminal connections – provide increase in performance particularly when a bi-amplifier configuration is specified.



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CP-IW460X