

MA MONITOR AUDIO



CP SERIES

# 'CONTROLLED' BY NAME AND NATURE

## **Ultra-discreet high performance sound for every room.**

Given the choice, most home owners would favour great sound from 'invisible' speakers over traditional box designs. But as every custom installer will confirm, fitting drivers flush with room surfaces is only part of the solution. They know that sound quality relies as much on the acoustics of the void behind the walls and ceilings, as the size and shape of the room in front of them. This is why the challenge of achieving the wide, detailed, dynamic sound of box speakers - in a room without boxes - is made so much easier with Monitor Audio's 'Controlled Performance' range. Unlike open-backed architectural speakers, the CP range is fitted with fully-sealed back-boxes. They are, in fact, brilliant miniature cabinet speakers optimised for in-wall/in-ceiling locations. From no fewer than ten CP models you'll enjoy the performance of a genuine Monitor Audio cabinet speaker, and the super-discreet qualities of near-invisible installation combined.

## **Easy, discreet, reliable installation**

Not only can audio be controlled for optimum results, trimless bezels and super-discreet, paintable magnetic grilles allow the latest CP range to blend almost invisibly with walls and ceilings for a near-seamless integration with décor. Once easily and securely installed via Monitor Audio's patented Tri-Grip® mounting, high reliability is assured by CP's airtight enclosure design, which protects each precision-engineered driver system against the damaging ingress of dust and dirt.

## **Award-winning speaker engineering, designed to disappear**

By adapting our world-famous driver technologies for the architectural speaker environment across four performance levels, we've ensured that the potency of a Monitor Audio CP system is as breath-taking as it is from its cabinet counterparts. You'll experience naturally fluid dynamics generated by precision engineered co-axial configurations of MMP®II or C-CAM® bass mid drivers and our signature 25mm C-CAM dome tweeter. In each case the tweeter pivots to direct high frequencies for perfect imaging. To the range-topping models we've added the pivoting IDC® module, which houses both a midrange driver and tweeter to allow you to focus more frequencies toward the listening area. Fine-tune the sound for room acoustics with the high frequency control on each CP model and use the boundary controls on the higher performance models to remove any chance of bass boom. With the breadth of choice available from CP, you'll have all the control you need to design stunningly involving, immersive audio for music and home cinema more easily and discreetly than ever before. And because of the enclosed nature of CP design, you'll enjoy a superior level of sound isolation between rooms and floors as well.





# THE NEW CP RANGE

The range comprises eight two-way models in three performance levels - and two flagship three-way designs. All models from entry to flagship feature our signature 25mm Gold C-CAM dome tweeter.



CP-CT260

CP-WT150

CP-WT260

CP-CT150

## 100 SERIES 2-way

Offering high impact audio and discreet trimless design for smaller environments the entry-level CP-WT150 and CP-CT150 in-wall and in-ceiling models feature a 5" MMP II bass driver, high frequency level adjustment (+3dB / 0dB / -3dB) and a pivoting C-CAM tweeter.

## 200 SERIES 2-way

Deploying all C-CAM drivers, the next level CP-WT260 and CP-CT260 provide a wider and more detailed performance for home cinema and music applications. The pivoting C-CAM tweeter is joined by a 6" C-CAM bass driver - and high frequency level adjustment by a boundary compensation control for optimum bass tuning when positioned near room corners.

## IN-WALL LCR 2-way

The CP-WT140LCR and CP-WT240LCR models are designed as multi-purpose LCR speakers, as well as both models fitting between standard 400mm centred studs. Either is ideal for installation as a dedicated centre-channel home theatre speaker, and in portrait or landscape orientations as a high performance music or theatre satellite. The entry-level CP-WT140LCR utilises twin 4" MMP II drivers astride a C-CAM tweeter, the CP-WT240LCR, 4" C-CAM drivers. Working in tandem, the drivers offer greater radiating area than a single 6" bass driver, and consequently deliver improved efficiency, power handling and sound pressure levels from a compact design perfect for retro-fit installation. Both models feature high frequency level adjustment; the CP-WT240LCR, boundary compensation as well.



CP-WT140LCR



CP-WT240LCR



### 300 SERIES 2-way

Alongside a pivoting C-CAM tweeter, CP-WT380 and CP-CT380 models introduce powerful 8" C-CAM bass drivers featuring the Rigid Surface Technology (RST®) cone surfaces employed by our range-topping home audio speaker systems. RST uses a pattern of surface dimples to stiffen the cone for higher output and reduced distortion. A wider overall response and greater power-handling are attenuated according to taste by built in high frequency and boundary compensation controls.

### Flagship 3-way

Incorporating Monitor Audio's innovative, pivoting Inverted Dual Concentric (IDC®) midrange/tweeter module and 8" RST C-CAM bass driver, the three-way CP-WT380IDC and CP-CT380IDC represent the highest level of new CP performance. The IDC module houses a 4" C-CAM inverted midrange driver surrounding a 25mm C-CAM gold dome tweeter. The entire mid/tweeter unit can be pivoted and directed towards the listening space to provide optimal imaging with excellent midrange and high frequency detail. Improved driver specialisation, higher efficiency and power handling, and greater directivity combine in the three-way models to deliver an enhanced bass foundation for a naturally coherent response up to 30kHz. The in-wall CP-WT380IDC model includes midrange-frequency level adjustment and a die-cast aluminium front baffle for added rigidity, resulting in superior bass definition.



# RANGE HIGHLIGHTS

## Trimless design: all models

A 'stealthy' super-narrow bezel and paintable grille ensure a near-invisible blend with décor. The grilles attach magnetically to the speaker frame, allowing removal and re-fixing in seconds.

## Pivoting C-CAM tweeters: all models excluding IDC

Created originally by aerospace engineers for jet-engine blades, Ceramic-Coated Aluminium/Magnesium exhibits the ideal properties for accurate sound reproduction, being extremely strong but very light. Advanced software simulation has allowed us to optimise our C-CAM tweeter design, bringing higher sensitivity and a wider bandwidth to reveal the finest high frequency detail up to 25kHz at entry-level and 30kHz in the flagship CP models. The CP tweeter is able to pivot through 15 degrees in all directions for optimum imaging.

## RST bass drivers: CP-WT380, CP-CT380; CP-WT380IDC and CP-CT380IDC

The advanced RST C-CAM cone surface is patterned with radial ridges, which reduce mass, increase stiffness and eliminate the bending associated with conventional metal cone designs. The result is a smoother, more agile response, better control of break-up and a wider dynamic range.

## Pivoting IDC Module: CP-WT380IDC and CP-CT380IDC

The Inverted Dual Concentric pivoting mid-range/tweeter module provides up to 18 degrees of movement, allowing speakers to be discreetly positioned and directed towards the desired listening zone. The design offers superior performance and flexibility over a typical 2-way or fixed angle speaker by utilising an inverted 4" C-CAM RST mid-range and 1" C-CAM dome tweeter, operating in a completely sealed chamber to provide accurate damping and perfect acoustic alignment.

## Tri-Grip Mounting System: all models

Our innovative Tri-Grip system has three clamping points per dog-leg providing three times the surface area and a better surface seal maximising bass response and mid-range clarity. This design also features a cam allowing the clamp to move smoothly as the installer tightens the mounting screw.



### Pre Construction Brackets

Pre Construction Brackets are available for all models as an accessory to help mark speaker placement during framing and prior to sheetrock application. The brackets will span up to 24-inch stud spacing. Pre Construction Brackets are not required for retrofit applications.

### Adjustable Response Controls

Optimum imaging and set-up are established via pivoting tweeters, pivoting IDC driver modules, high-frequency, midrange-frequency, and/or boundary compensation controls (depending on model). The boundary compensation control provides a gentle midrange roll-off response, while preserving extreme low frequency output when the speaker is placed close to ceiling and wall boundaries.



# SQUARE EDGED GRILLES



### All-round performance in a square

Designed to suit contemporary interior styling, our updated square trimless grilles are now available for the Controlled Performance series. Sold separately, contact your nearest Monitor Audio dealer for more information ([www.monitoraudio.co.uk/dealers](http://www.monitoraudio.co.uk/dealers)).

# IN-WALL SPEAKERS

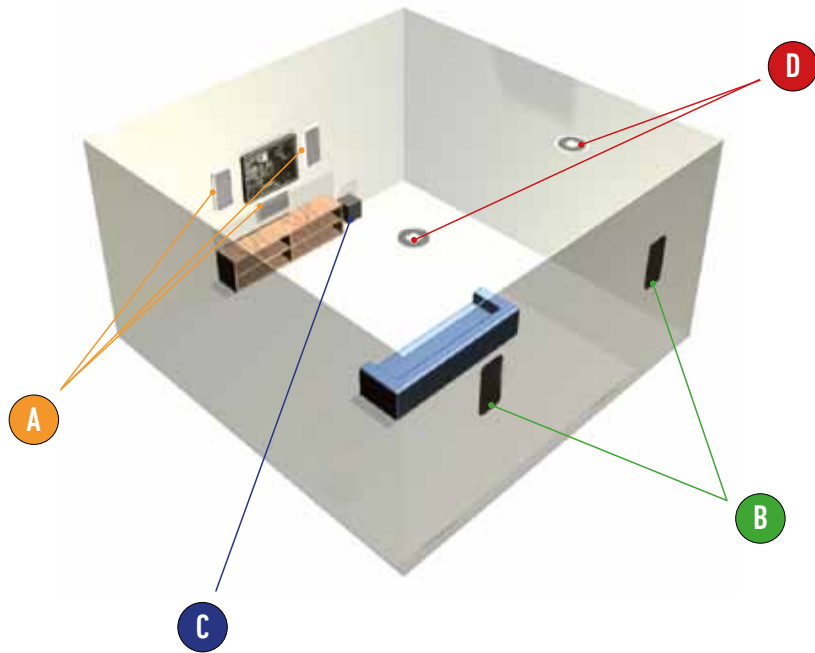


Some features are exclusive to certain models, please refer to the specifications table of this brochure.

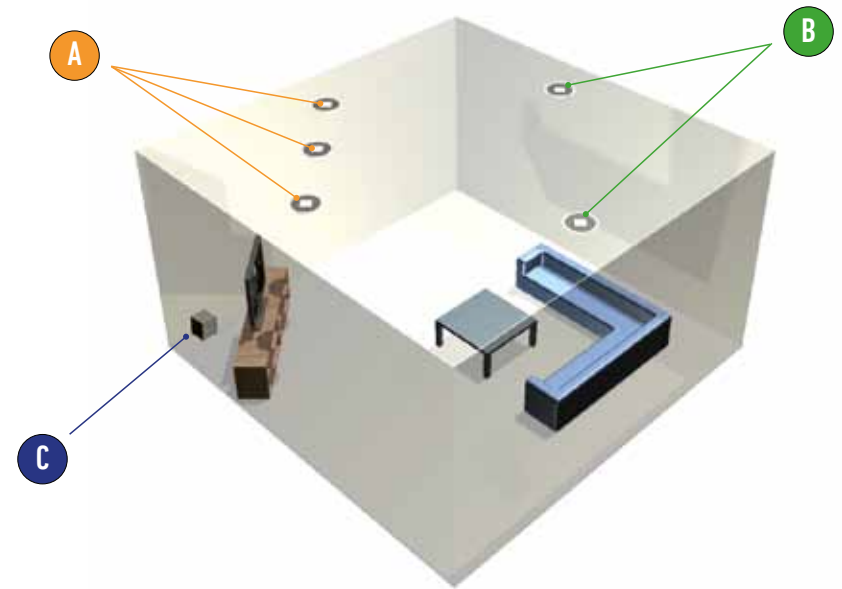


# THEATRE SYSTEMS

## IN-WALL 5.1 THEATRE



## IN-CEILING 5.1 THEATRE

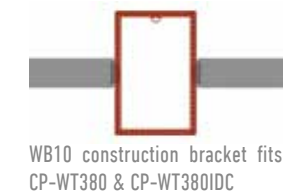
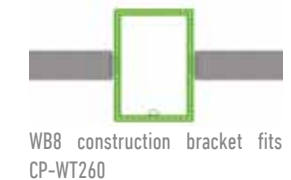
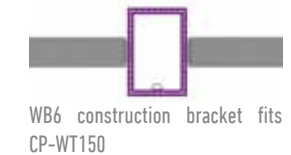


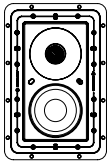
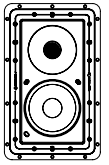
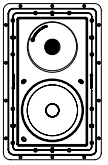
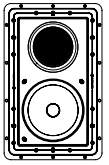
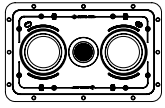
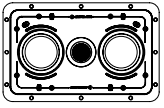
- A** Front Left-Centre-Right main loudspeakers
- B** Rear Left-Right surround loudspeakers
- C** Add your choice of Monitor Audio subwoofer to complete the theatre
- D** You can use in-wall front IDC loudspeakers with in-ceiling left-right surrounds if desired

6.1 and 7.1 Theatres:

Use three surround loudspeakers for 6.1 theatres and use four surround loudspeakers for 7.1 theatres

IN-CEILING SPEAKERS	5"	6"	8"	
	Good	Better	Best	Flagship
	CP-CT150	CP-CT260	CP-CT380	CP-CT380IDC
Frequency Response	75Hz - 25kHz	66Hz - 25kHz	50Hz - 25kHz	50Hz - 30kHz
Impedance	6Ω	6Ω	6Ω	6Ω
Sensitivity (1W@1m)	85dB	88dB	89dB	89dB
Maximum SPL	102.8dBA	106.9dBA	109.6dBA	109.6dBA
Power Handling (RMS)	50W	65W	120W	120W
Recommended Amp Requirements	20 - 50W	20 - 65W	30 - 120W	30 - 120W
Crossover frequency / Slope	2.8kHz @ 12dB / Octave	2.6kHz @ 12dB / Octave	2.5kHz @ 12dB / Octave	Bass low pass: 300Hz @ 6dB / Octave Mid: 300Hz @ 6dB / Octave & 3kHz @ 12dB / Octave
Drive Unit Complement	2-Way  5" MMP®II cone bass driver  1" C-CAM® pivoting gold dome tweeter	2-Way  6" C-CAM cone bass driver  1" C-CAM pivoting gold dome tweeter	2-Way  8" C-CAM RST® cone bass driver  1" C-CAM pivoting gold dome tweeter	3-Way  8" C-CAM RST cone bass driver  4" C-CAM IDC® cone mid range driver 1" C-CAM gold dome tweeter (tweeter & midrange driver combined in a pivoting module)
Adjustment Controls	HF Level Switch (+3dB/ 0dB/ -3dB)	HF Level Switch (+3dB/ 0dB/ -3dB) Boundary Compensation Switch		HF Level Switch (+3dB/ 0dB/ -3dB) MF Level Switch (+3dB/ 0dB/ -3dB) Boundary Compensation Switch
Overall Diameter (Including Grille)	9 <sup>13</sup> / <sub>16</sub> " (250mm)	11 <sup>1</sup> / <sub>4</sub> " (285mm)	12 <sup>3</sup> / <sub>16</sub> " (309mm)	
Overall Depth (Including grille)	6 <sup>1</sup> / <sub>8</sub> " (155mm)		7 <sup>3</sup> / <sub>8</sub> " (187mm)	
Cut Out Diameter	8 <sup>3</sup> / <sub>8</sub> " (212mm)	9 <sup>5</sup> / <sub>8</sub> " (244mm)	10 <sup>13</sup> / <sub>16</sub> " (274mm)	
Mounting Depth	5 <sup>15</sup> / <sub>16</sub> " (151mm)		7 <sup>1</sup> / <sub>8</sub> " (181mm)	
Fixing Type	3 Position Tri-Grip® Dog Leg Fixings			
Construction Material	Mineral Filled ABS Plastic (RoHS Compliant)			
Pre-Construction Bracket	CB6 (Purple)	CB8 (Green)	CB10 (Light Brown)	
Weight	4lb 12oz (2.14kg)	6lb 2oz (2kg)	8lb 4oz (3.74kg)	9lb 8oz (4.3kg)
Cable Connection	Gold plated 'push' type terminals			



IN-WALL SPEAKERS	5"	6"	8"		4" Special Application	
	Good	Better	Best	Flagship	LCR Speakers	
	CP-WT150 	CP-WT260 	CP-WT380 	CP-WT380IDC 	CP-WT140LCR 	CP-WT240LCR 
Frequency Response	75Hz - 25kHz	65Hz - 25kHz	50Hz - 25kHz	50Hz - 30kHz	60Hz - 25kHz	60Hz - 25kHz
Impedance	6Ω	6Ω	6Ω	6Ω	6Ω	6Ω
Sensitivity (1W@1m)	85dB	88dB	89dB	89dB	88dB	88dB
Maximum SPL	102.8dBA	106.9dBA	109.6dBA	109.6dBA	108.8dBA	108.8dBA
Power Handling (RMS)	50W	65W	120W	120W	100W	100W
Recommended Amp Requirements	20 - 50W	20 - 65W	30 - 120W	30 - 120W	20 - 100W	20 - 100W
Crossover frequency / Slope	2.8kHz @ 12dB / Octave	2.6kHz @ 12dB / Octave	2.5kHz @ 12dB / Octave	Bass low pass: 300Hz @ 6dB / Octave Mid: 300Hz @ 6dB / Octave & 3kHz @ 12dB / Octave	2.6kHz @ 12dB / Octave	2.6kHz @ 12dB / Octave
Drive Unit Complement	2-Way  5" MMP <sup>®</sup> II cone bass driver  1" C-CAM <sup>®</sup> pivoting gold dome tweeter	2-Way  6" C-CAM cone bass driver  1" C-CAM pivoting gold dome tweeter	2-Way  8" C-CAM RST <sup>®</sup> cone bass driver  1" C-CAM pivoting gold dome tweeter	3-Way  8" C-CAM RST cone bass driver  4" C-CAM IDC <sup>®</sup> cone mid range driver 1" C-CAM gold dome tweeter (tweeter & midrange driver combined in a pivoting module)	2-Way  2 x 4" MMP II cone bass driver  1" C-CAM pivoting gold dome tweeter	2-Way  2 x 4" C-CAM cone bass driver  1" C-CAM pivoting gold dome tweeter
Adjustment Controls	HF Level Switch (+3dB/ 0dB/ -3dB)	HF Level Switch (+3dB/ 0dB/ -3dB) Boundary Compensation Switch		HF Level Switch (+3dB/ 0dB/ -3dB) MF Level Switch (+3dB/ 0dB/ -3dB) Boundary Compensation Switch	HF Level Switch (+3dB/ 0dB/ -3dB)	HF Level Switch (+3dB/ 0dB/ -3dB) Boundary Compensation Switch
Overall Dimensions (Including Grille) (H x W)	14 <sup>3/16</sup> x 9 <sup>1/2</sup> " (360.5 x 242mm)	16 <sup>5/16</sup> x 10 <sup>5/16</sup> " (415 x 262.5mm)	18 <sup>5/8</sup> x 11 <sup>15/16</sup> " (472.5 x 303.5mm)		8 <sup>9/16</sup> x 13 <sup>1/16</sup> " (217 x 333mm)	
Overall Depth (Including grille)	4" (102mm)		4 <sup>3/16</sup> " (106mm)		4 <sup>1/16</sup> " (103mm)	
Cut Out Dimensions (H x W)	12 <sup>13/16</sup> x 8 <sup>1/8</sup> " (326 x 207mm)	15 x 9" (381 x 228mm)	17 <sup>1/4</sup> x 10 <sup>9/16</sup> " (438 x 269mm)		7 <sup>3/16</sup> x 11 <sup>3/4</sup> " (183 x 299mm)	
Mounting Depth	3 <sup>3/4</sup> " (96mm)		3 <sup>7/8</sup> " (99mm)		3 <sup>13/16</sup> " (97mm)	
Fixing Type	6 Position Tri-Grip <sup>®</sup> Dog Leg Fixings				4 Position Tri-Grip Dog Leg Fixings	
Construction Material	Mineral Filled ABS Plastic (RoHS Compliant)		Mineral Filled ABS Plastic / Die-Cast Aluminium Baffle (RoHS Compliant)		Mineral Filled ABS Plastic (RoHS Compliant)	
Pre-Construction Bracket	WB6 (Purple)	WB8 (Green)	WB10 (Light Brown)		WB4LCR (Dark Brown)	
Weight	5lb 14oz (2.65kg)	7lb 4oz (3.31kg)	10lb 14oz (4.95kg)	12lb 6oz (5.62kg)	5lb 8oz (2.5kg)	5lb 8oz (2.5kg)
Cable Connection	Gold plated 'push' type terminals					

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