

Custom Install Product Guide

SPEAKERS & ELECTRONICS



Interactive PDF

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ABOUT MONITOR AUDIO

For over 45 years, **Monitor Audio** has been designing and building award-winning loudspeakers. Since our launch in 1972, we have successfully introduced hundreds of models – from bookshelf speakers to 5.1 home cinema systems to acoustically matched architectural speakers and beyond – and we’re constantly developing and innovating new products to meet our customers’ ever-changing requirements.

A British company from birth, we continue to design and engineer products in our UK-based headquarters, exporting to over 80 countries worldwide.



Stereo / Surround sound systems
Custom Install / Architectural speakers



By choosing **Monitor Audio** Custom Install products, you’re securing the utterly desirable combination of seamless integration and superior sound quality, backed by decades of design innovation and award success.

Please refer to our website [monitoraudio.com](https://www.monitoraudio.com)

WHY CHOOSE MONITOR AUDIO CUSTOM INSTALL SOLUTIONS

Monitor Audio's Custom Install products are engineered for high performance, reliability and ease-of-use. They've been developed using the advanced driver technologies of our award-winning hi-fi speaker ranges to deliver world-famous sound quality without compromising room design.

Available across varying performance levels, Monitor Audio's architectural speakers bring innovation to every application – wherever you decide to experience dynamic music and film sound, there's an In-Ceiling or In-Wall speaker that's perfect for the role. The speakers are expertly optimised for rhythmic wideband audio, seamless room integration and easy, secure installation.

If you love your décor and appreciate great audio, you needn't compromise: Monitor Audio's architectural speakers will create harmony all around your home. Every product is designed and built with you firmly in mind.



Monitor Audio offers a Lifetime Warranty on most products in the Custom Installation range. For warranty periods of cover, please refer to each product's page on our website: monitoraudio.com

Main features

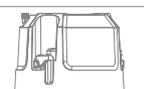
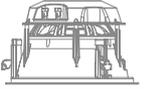
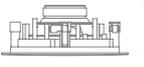
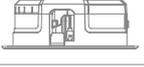
Developed using the advanced driver technologies
of our award-winning hi-fi speaker ranges
Audio solutions for diverse spaces and applications
High quality sound performance
Solid and reliable build quality
Patented Tri-Grip mounting clamps
Quick, easy and secure installations
Minimum cut outs
Minimum mounting depths
Magnetic round and square grilles
Vertical or horizontal orientation
Lifetime Warranty

Range features

Super Slim and Slim In-Ceiling/In-Wall designs
Back Box solutions
Flush Fit design
Invisible In-Wall speaker
Weather Resistant solutions

CONTENTS

CI Ranges

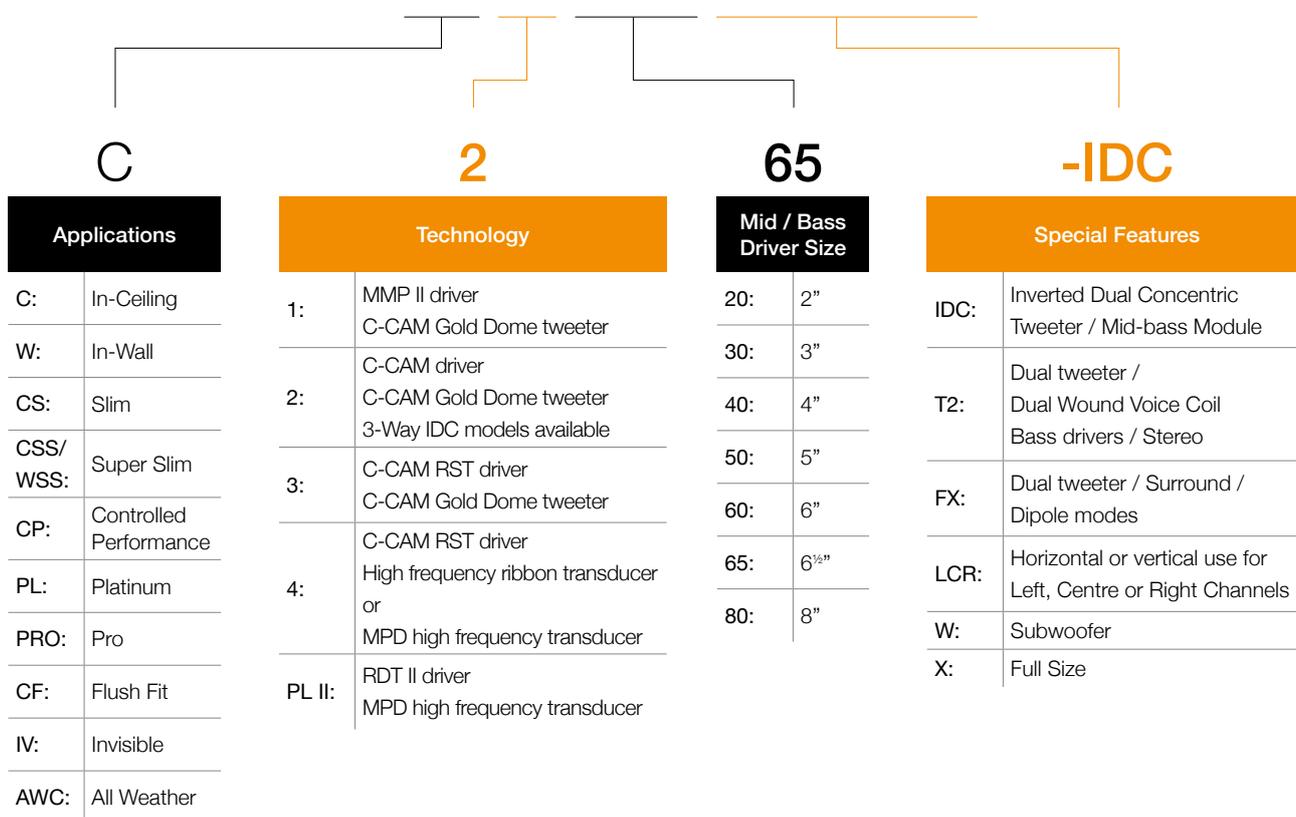
| | | Page |
|----|-------------------------------|---|
| 8 | Core (C/W) |  116 mm / 4 ⁹ / ₁₆ " |
| 12 | Slim (CS) |  98.6 mm / 3 ⁷ / ₈ " |
| 13 | Super Slim (CSS/WSS) |  50 mm / 2" |
| 15 | Controlled Performance (CP) |  151 mm / 5 ¹⁵ / ₁₆ " |
| 20 | Platinum II (PL) |  Flagship 185 mm / 7 ⁵ / ₁₆ " |
| 24 | Flush Fit (CF) |  83.5 mm / 3 ⁹ / ₁₆ " |
| 26 | Invisible (IV) | Super discreet |
| 28 | Pro (PRO) |  Commercial 87.7 mm / 3 ⁷ / ₁₆ " |
| 30 | All Weather (AWC) |  Weather Resistant 88.5 mm / 3 ¹ / ₂ " |
| 31 | Climate | Weather Resistant |
| 32 | Vecta (V) | Weather Resistant |
| 36 | Climate Garden System (CLG) | Weather Resistant garden speakers |
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CUSTOM INSTALL NAMING SYSTEM

Monitor Audio's Custom Install products are named based on their application, technologies, driver sizes and special features.

Example

C265-IDC



There is explanation of our technology mentioned above on the next page.

TECHNOLOGY

Below is a brief description of each advanced technology used in our award-winning speakers. To achieve a harmony of space and sound for every possible application, we've created a wide range of options across varying performance levels.

DRIVERS



MMP II Driver: Metal Matrix Polymer driver cones have a polypropylene base loaded with metallic particles to offer a rigid and responsive structure.



C-CAM Driver: Ceramic-Coated Aluminium Magnesium cones have a much higher resistance to distortion and therefore exhibit much greater fidelity over their entire operating range.



C-CAM RST Driver: Rigid Surface Technology cone developed and perfected using sophisticated computer modelling (Finite Element Analysis). The strengthening effect of RST means that we can use thinner, lighter and more responsive C-CAM cones, providing speed and accuracy with reduced distortion.



RDT II Driver: Rigid Diaphragm Technology 2nd Generation is a composite 'sandwich' structure made from ultra-thin low mass skins, bonded to a honeycomb Nomex® core material. Very light and very strong, responds with great speed without bending. RDT II uses C-CAM for the front skin, while the rear skin is made from a woven carbon fibre material. This structure reduces distortion by over 8 dB above 300 Hz.

TWEETERS



C-CAM Gold Dome Tweeter: The Gold Dome tweeter is formed from a Ceramic-Coated Aluminium Magnesium alloy, Gold anodised to a specific thickness for ideal stiffness and damping characteristics. Thinner, lighter, more rigid and more efficient than domes made from other materials which are prone to distortion in the audio band.



Ribbon Transducer: An ultra-thin sandwich of C-CAM alloy suspended in a powerful transverse magnetic field of high energy NeFeB rare earth magnets. The ribbon serves as both voice coil and radiating diaphragm, with every part of the ribbon driven directly and simultaneously without energy storage. The diaphragm is specified to reach ultra-high frequencies up to an elusive 100 kHz.

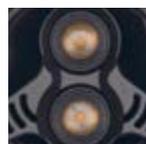


MPD High Frequency Transducer: Micro Pleated Diaphragm high frequency transducer uses a proprietary low-mass pleated diaphragm with a surface area eight times larger than that of a traditional dome tweeter. MPD transducers work like a super-fast accordion by rapidly squeezing the pleats to produce a smooth, wide, naturally fast response up to 100 kHz.

SPECIAL FEATURES



IDC Driver Module: Inverted Dual Concentric pivoting mid-range/tweeter module with up to 18 degrees of adjustment in all directions. Sound can be directed toward the desired listening area.



T2 Dual Tweeter Configuration (Stereo): Dual, independent, pivoting 1" C-CAM tweeters and dual wound voice coil bass drivers for high performance stereo sound.



FX Dual Tweeter Configuration (Surround): FX speakers are ideal for surround or rear channel use in home cinema applications for a fully immersive experience.



Adjustable Response Controls: Optimum imaging and set-up are established via pivoting tweeters, pivoting IDC driver modules, high-frequency, mid-range-frequency, and/or boundary compensation controls.



Patented Tri-Grip Mounting Clamps: The Tri-Grip mounting clamps have three clamping points per dogleg. Providing a better seal between the speaker and the ceiling.

Custom Install Speakers



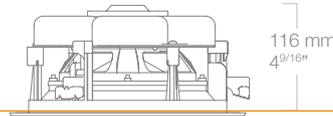
Core

The sonic building block of any custom installation project, our Core line provides a comprehensive selection of models, meticulously developed for specific uses.

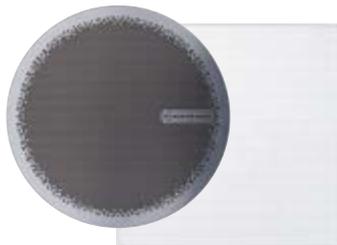
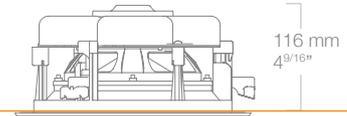


In-Ceiling

C165



C165-T2

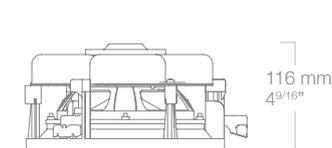


Premium and Square Grilles

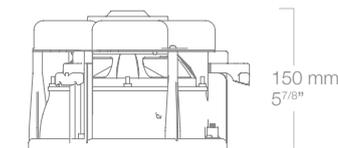
All models are supplied with a standard round grille. For an extra stylish finish replace this with either the beautifully designed PG6-R Premium Grille (Sold in packs of 4) or an additional Square Grille. See Page 51 for more details and a list of compatible models.

| | | |
|--------------------------|--|--|
| Sensitivity (1W@1m) | 88.5 dB | 88.5 dB |
| Cut Out Diameter | 211 mm / 8 1/4" | 211 mm / 8 1/4" |
| Mounting Depth | 116 mm / 4 9/16" | 116 mm / 4 9/16" |
| Power Handling (RMS) | 65 W | 65 W |
| Impedance | 6 Ohms | 6 + 6 Ohms |
| Driver Size & Technology | 6 1/2" MMP II driver 1" C-CAM pivoting Gold Dome tweeter HF level switch | 6 1/2" MMP II driver 2 x 1" C-CAM pivoting Gold Dome tweeters |
| Pre-Construction Bracket | CB6 (Purple) | CB6 (Purple) |
| Back Box | CCBOX-R / CMBOX-R | CCBOX-R / CMBOX-R |

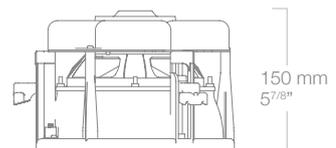
C265



C265-IDC



C265-FX

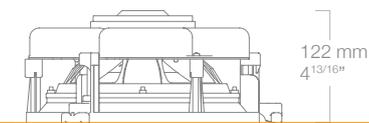


| | | | |
|--------------------------|---|--|---|
| Sensitivity (1W@1m) | 88.5 dB | 88.5 dB | 88.5 dB |
| Cut Out Diameter | 211 mm / 8 1/4" | 211 mm / 8 1/4" | 211 mm / 8 1/4" |
| Mounting Depth | 116 mm / 4 9/16" | 150 mm / 5 7/8" | 150 mm / 5 7/8" |
| Power Handling (RMS) | 75 W | 85 W | 85 W |
| Impedance | 6 Ohms | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 6 1/2" C-CAM driver 1" C-CAM pivoting Gold Dome tweeter HF level switch Boundary compensation switch | 6 1/2" C-CAM driver Pivoting IDC module (4" C-CAM RST inverted mid-range driver, 1" C-CAM Gold Dome tweeter) HF level switch Boundary compensation switch | 6 1/2" C-CAM driver 2 x 1" C-CAM Gold Dome tweeters HF level switch Bipole / Dipole switch |
| Pre-Construction Bracket | CB6 (Purple) | CB6 (Purple) | CB6 (Purple) |
| Back Box | CCBOX-R / CMBOX-R | CCBOX-L / CMBOX-R | CCBOX-L / CMBOX-R |

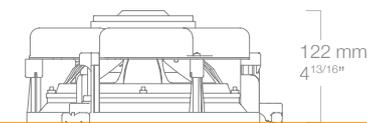
Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.

Core

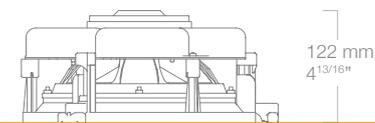
C180



C180-T2

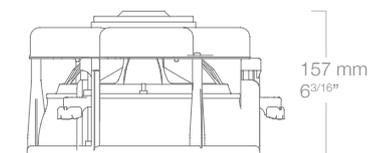


C280

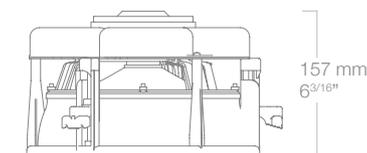


| | | | |
|--------------------------|--|---|---|
| Sensitivity (1W@1m) | 90 dB | 90 dB | 90 dB |
| Cut Out Diameter | 247 mm / 9 ³ / ₄ " | 247 mm / 9 ³ / ₄ " | 247 mm / 9 ³ / ₄ " |
| Mounting Depth | 122 mm / 4 ¹³ / ₁₆ " | 122 mm / 4 ¹³ / ₁₆ " | 122 mm / 4 ¹³ / ₁₆ " |
| Power Handling (RMS) | 120 W | 120 W | 120 W |
| Impedance | 6 Ohms | 6 + 6 Ohms | 6 Ohms |
| Driver Size & Technology | 8" MMP II driver 1" C-CAM pivoting Gold Dome tweeter HF level switch | 8" MMP II driver 2 x 1" C-CAM pivoting Gold Dome tweeters HF level switch | 8" C-CAM driver 1" C-CAM pivoting Gold Dome tweeter HF level switch Boundary compensation switch |
| Pre-Construction Bracket | CB8 (Green) | CB8 (Green) | CB8 (Green) |
| Back Box | CCBOX-L / CMBOX-R | CCBOX-L / CMBOX-R | CCBOX-L / CMBOX-R |

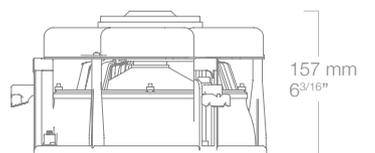
C280-IDC



C380-IDC



C380-FX



| | | | |
|--------------------------|--|--|---|
| Sensitivity (1W@1m) | 90 dB | 90 dB | 90 dB |
| Cut Out Diameter | 247 mm / 9 ³ / ₄ " | 247 mm / 9 ³ / ₄ " | 247 mm / 9 ³ / ₄ " |
| Mounting Depth | 157 mm / 6 ³ / ₁₆ " | 157 mm / 6 ³ / ₁₆ " | 157 mm / 6 ³ / ₁₆ " |
| Power Handling (RMS) | 120 W | 150 W | 120 W |
| Impedance | 6 Ohms | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 8" C-CAM driver Pivoting IDC module (4" C-CAM RST inverted mid-range driver, 1" C-CAM Gold Dome tweeter) HF level switch Boundary compensation switch | 8" C-CAM RST driver Pivoting IDC module (4" C-CAM RST inverted mid-range driver, 1" C-CAM Gold Dome tweeter) HF level switch Boundary compensation switch | 8" C-CAM RST driver 2 x 1" C-CAM Gold Dome tweeters HF level switch Bipole / Dipole switch with additional 12 V trigger switching |
| Pre-Construction Bracket | CB8 (Green) | CB8 (Green) | CB8 (Green) |
| Back Box | CMBOX-R* | CMBOX-R* | CMBOX-R* |

Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.

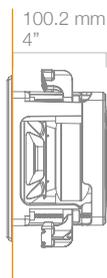
* Indicates product requires minimum 12 mm (1/2") plasterboard/Sheetrock

Core

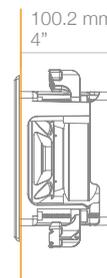
The sonic building block of any custom installation project, our Core line provides a comprehensive selection of models, meticulously developed for specific uses.

In-Wall Centres

W150-LCR



W250-LCR

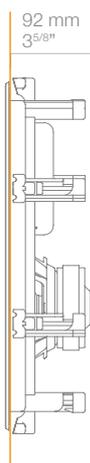


| | | |
|----------------------------|--|--|
| Sensitivity (1W@1m) | 88 dB | 88 dB |
| Cut Out Dimensions (H x W) | 145 x 353 mm / 5 ³ / ₄ " x 13 ⁷ / ₈ " | 145 x 353 mm / 5 ³ / ₄ " x 13 ⁷ / ₈ " |
| Mounting Depth | 100 mm / 3 ¹⁵ / ₁₆ " | 100 mm / 3 ¹⁵ / ₁₆ " |
| Power Handling (RMS) | 100 W | 100 W |
| Impedance | 8 Ohms | 8 Ohms |
| Driver Size & Technology | 2 x 5" MMP II drivers 1" C-CAM pivoting Gold Dome tweeter Fits within standard 400 mm / 16" centre studs | 2 x 5" C-CAM drivers 1" C-CAM pivoting Gold Dome tweeter HF level switch Fits within standard 400 mm / 16" centre studs |
| Pre-Construction Bracket | WB5LCR (Yellow) | WB5LCR (Yellow) |

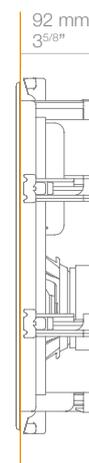


In-Wall

W165



W265

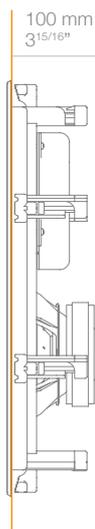


| | | |
|----------------------------|---|--|
| Sensitivity (1W@1m) | 88.5 dB | 88.5 dB |
| Cut Out Dimensions (H x W) | 332 x 213 mm / 13 ¹ / ₁₆ " x 8 ³ / ₈ " | 332 x 213 mm / 13 ¹ / ₁₆ " x 8 ³ / ₈ " |
| Mounting Depth | 92 mm / 3 ⁵ / ₈ " | 92 mm / 3 ⁵ / ₈ " |
| Power Handling (RMS) | 65 W | 65 W |
| Impedance | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 6 ¹ / ₂ " MMP II driver 1" C-CAM pivoting Gold Dome tweeter HF level switch | 6 ¹ / ₂ " C-CAM driver 1" C-CAM pivoting Gold Dome tweeter HF level switch Boundary compensation switch |
| Pre-Construction Bracket | WB6 (Purple) | WB6 (Purple) |

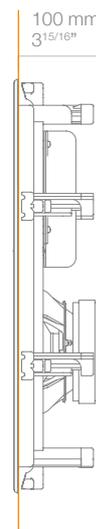
Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.

Core

W180

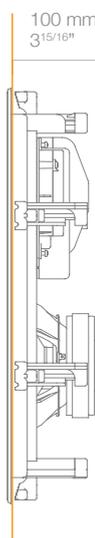


W280

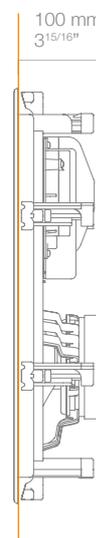


| | | |
|----------------------------|--|---|
| Sensitivity (1W@1m) | 90 dB | 90 dB |
| Cut Out Dimensions (H x W) | 387 x 234 mm / 15 ^{1/4} " x 9 ^{3/16} " | 387 x 234 mm / 15 ^{1/4} " x 9 ^{3/16} " |
| Mounting Depth | 100 mm / 3 ^{15/16} " | 100 mm / 3 ^{15/16} " |
| Power Handling (RMS) | 120 W | 120 W |
| Impedance | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 8" MMP II driver 1" C-CAM pivoting Gold Dome tweeter HF level switch | 8" C-CAM driver 1" C-CAM pivoting Gold Dome tweeter HF level switch Boundary compensation switch |
| Pre-Construction Bracket | WB8 (Green) | WB8 (Green) |
| Back Box | WCBOX-L | WCBOX-L |

W280-IDC



W380-IDC



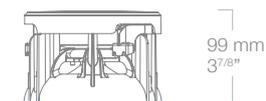
| | | |
|----------------------------|--|---|
| Sensitivity (1W@1m) | 90 dB | 90 dB |
| Cut Out Dimensions (H x W) | 387 x 234 mm / 15 ^{1/4} " x 9 ^{3/16} " | 387 x 234 mm / 15 ^{1/4} " x 9 ^{3/16} " |
| Mounting Depth | 100 mm / 3 ^{15/16} " | 100 mm / 3 ^{15/16} " |
| Power Handling (RMS) | 150 W | 150 W |
| Impedance | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 8" C-CAM driver Pivoting IDC module (4" C-CAM RST inverted mid-range driver, 1" C-CAM Gold Dome tweeter) HF level switch Boundary compensation switch | 8" C-CAM RST driver Pivoting IDC module (4" C-CAM RST inverted mid-range driver, 1" C-CAM Gold Dome tweeter) HF & MF level switches Boundary compensation switch |
| Pre-Construction Bracket | WB8 (Green) | WB8 (Green) |
| Back Box | WCBOX-L | WCBOX-L |

Slim

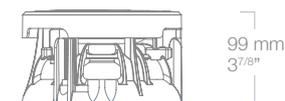
All of our Slim range speakers – whether used In-Ceiling or In-Wall – have a physical depth of less than 100 mm / 4", making installation in restricted depth, as well as standard stud walls, a trouble-free process.

In-Ceiling / In-Wall

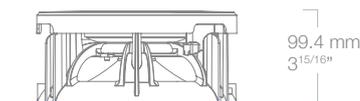
CS140 Round / Square



CS160 Round / Square



CS180 Round / Square



| | | | |
|--------------------------|---|---|---|
| Sensitivity (1W@1m) | 85 dB | 88 dB | 90 dB |
| Cut Out Diameter | 149 mm / 5 ⁷ / ₈ " | 170 mm / 6 ¹¹ / ₁₆ " | 213 mm / 8 ³ / ₈ " |
| Mounting Depth | 99 mm / 3 ⁷ / ₈ " | 99 mm / 3 ⁷ / ₈ " | 99.4 mm / 3 ¹⁵ / ₁₆ " |
| Power Handling (RMS) | 50 W | 70 W | 120 W |
| Impedance | 6 Ohms | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 4" MMP II driver 1" C-CAM pivoting Gold Dome tweeter | 6" MMP II driver 1" C-CAM pivoting Gold Dome tweeter | 8" MMP II driver 1" C-CAM pivoting Gold Dome tweeter |
| Pre-Construction Bracket | CB4 (Pink) | CB5 (Blue) | CB6 (Purple) |
| Back Box | CCBOX-R | CCBOX-R / CMBOX-R | CCBOX-R / CMBOX-R |

CS140

The CS140 is the entry-point to our In-Ceiling or In-Wall Slim family. All the Slim speakers have a physical depth of less than 100 mm / 4" and we complete them with round or square details – just specify when ordering. The CS140 features a proprietary 4" MMP II cone, plus a pivoting version of our acclaimed C-CAM Gold Dome tweeter.

CS160

Coupling a 6" MMP II driver with a pivoting 25 mm C-CAM Gold Dome tweeter, the CS160 is the mid-model in our Slim In-Ceiling or In-Wall line.

CS180

The CS180 tops our admired Slim In-Ceiling or In-Wall range, marrying the line's pivoting C-CAM Gold Dome tweeter with our 8" MMP II driver.



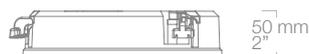
NOTE : All Slim models can be ordered as a round or square grille option.

Super Slim

Requiring a mounting depth of a mere 50 mm / 2", our Super Slim In-Ceiling speakers are ideal for ceilings with restricted depth settings, creating endless installation opportunities. The range's back box design delivers full frequency performance with a wide installation versatility.

In-Ceiling

CSS230



| | |
|--------------------------|--|
| Sensitivity (1W@1m) | 86 dB |
| Cut Out Diameter | 211 mm / 8 ^{1/4} " |
| Mounting Depth | 50 mm / 2" |
| Power Handling (RMS) | 40 W – Full range 60 W – With crossover set to 100 Hz @ 12 dB/Octave |
| Impedance | 8 Ohms |
| Driver Size & Technology | 3 x 3" C-CAM drivers, enabling slim profile with the performance of a single 6" driver 3/4" C-CAM Gold Dome tweeter Sealed rear enclosure for acoustic isolation back box Rubber plug can be removed for open back design and increased low frequency performance |
| Pre-Construction Bracket | CB6 (Purple) |

Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.

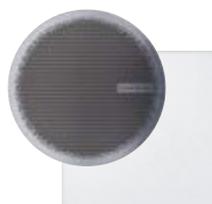
CSS230

The CSS230 delivers Monitor Audio's signature sound quality from a mounting depth of just 50 mm / 2". Ideal between 2" stud frames, or where pipework or cabling reduces mounting depth, the CSS230 provides the best of both worlds for installer and customer, with the three proprietary 3" mid-bass units combining to achieve the bass output of a 6^{1/2}" driver. Part of our Super Slim series, the CSS230 is a shining example of what many years of speaker design experience produces, enabling hi-fi levels of performance in spaces where no high-quality speaker has gone before.



Closed back

Open back



Premium and Square Grilles

The CSS230 is supplied with a standard round grille. For an extra stylish finish replace this with either the beautifully designed PG6-R Premium Grille (Sold in packs of 4) or an additional Square Grille. See Page 51 for more details.



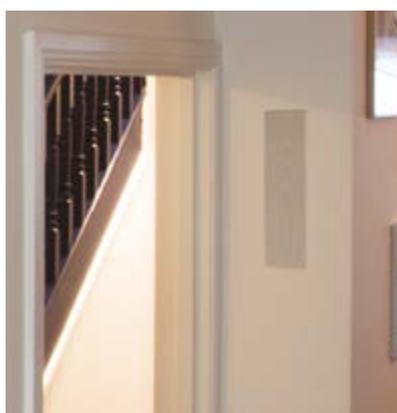
Super Slim

Requiring a mounting depth of a mere 50 mm / 2", all Super Slim In-Wall speakers are ideal for standard stud walls and restricted depth settings, creating endless installation opportunities. The range's back box design excels in both horizontal and vertical installations, delivering full frequency performance.

In-Wall



| | | | |
|----------------------------|---|--|--|
| Sensitivity (1W@1m) | 87 dB | 87 dB | 87 dB |
| Cut Out Dimensions (H x W) | 346 x 101 mm / 13 ¹ / ₂ x 4" | 346 x 101 mm / 13 ¹ / ₂ x 4" | 346 x 101 mm / 13 ¹ / ₂ x 4" |
| Mounting Depth | 50 mm / 2" | 50 mm / 2" | 50 mm / 2" |
| Power Handling (RMS) | 60 W – Full range 100 W – With crossover set to 100 Hz @ 12 dB/Octave | 60 W – Full range 100 W – With crossover set to 100 Hz @ 12 dB/Octave) | 75 W – Full range 120 W – With crossover set to 100 Hz @ 12 dB/Octave |
| Impedance | 8 Ohms | 8 Ohms | 8 Ohms |
| Driver Size & Technology | 3 x 3" MMP II drivers, enabling slim profile with the performance of a single 6" driver 1" C-CAM Gold Dome tweeter | 3 x 3" C-CAM drivers, enabling slim profile with the performance of a single 6" driver 1" C-CAM Gold Dome tweeter | 3 x 3" dished C-CAM drivers, enabling slim profile with the performance of a single 6" driver MPD high frequency transducer – rotatable for vertical or horizontal installation |
| Pre-Construction Bracket | WB3 (Dark blue) | WB3 (Dark blue) | WB3 (Dark blue) |



WSS230

WSS130

Our Super Slim design enables wide installation versatility. The WSS130 features three 3" MMP II drivers plus a 1" C-CAM Gold Dome tweeter to give the performance of a single 6" driver from a speaker just 140.5 mm wide.



WSS230

This is the middle model in our Super Slim In-Wall range. The WSS230 includes our famed C-CAM metal drivers, making this model ideal for set-ups where critical music reproduction is required.

WSS430

The WSS430 draws on technologies from our high-end Platinum II speakers, including dished C-CAM cones, high-strength Neo magnets and large voice coils to present supreme audio performance. It's flexible, too, with the three-driver layout helping keep the frontal profile slim. Smart touches, such as the ability to rotate the low distortion MPD high frequency transducer to enable optimum dispersion when using the speaker in horizontal orientation, take discreet In-Wall speaker performance to a new level.

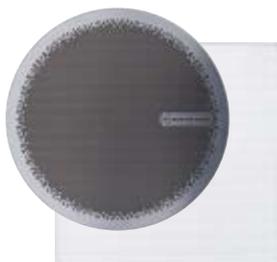


Controlled Performance



Regardless of interior ceiling or wall construction, the Controlled Performance range guarantees sonic consistency. We fit all models with fully-sealed back boxes, providing an ideal air load for the drivers and optimising audio performance. These rigid, mineral filled enclosures reduce the sound from the back of the cabinet by around 15 to 22 dB. This range guarantees excellent audio quality and versatility, for superior levels of sound isolation between rooms and floors.

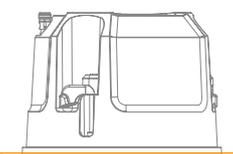
In-Ceiling



Premium and Square Grilles

All models are supplied with a standard round grille, for an extra stylish finish, replace this with either the beautifully designed PG6-R Premium Grille (Sold in packs of 4) or an additional Square Grille. See Page 51 for more details and a list of compatible models.

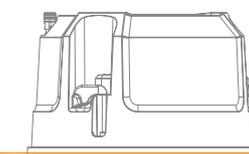
CP-CT150



151 mm
5^{15/16}"



CP-CT260

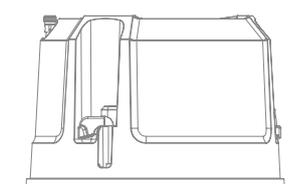


151 mm
5^{15/16}"



| | | |
|--------------------------|--|---|
| Sensitivity (1W@1m) | 85 dB | 88 dB |
| Cut Out Diameter | 212 mm / 8 ^{3/8} " | 244 mm / 9 ^{5/8} " |
| Mounting Depth | 151 mm / 5 ^{15/16} " | 151 mm / 5 ^{15/16} " |
| Power Handling (RMS) | 50 W | 65 W |
| Impedance | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 5" MMP II driver 1" C-CAM pivoting Gold Dome tweeter HF level switch | 6" C-CAM driver 1" C-CAM pivoting Gold Dome tweeter HF level switch Boundary compensation switch |
| Pre-Construction Bracket | CB6 (Purple) | CB8 (Green) |
| Back Box | CCBOX-L | CCBOX-L |

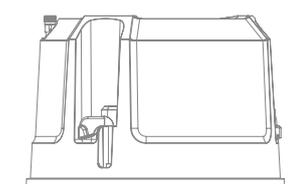
CP-CT380



181 mm
7^{1/8}"



CP-CT380IDC



181 mm
7^{1/8}"



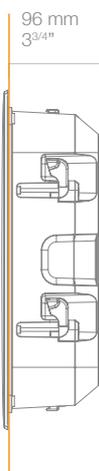
| | | |
|--------------------------|---|---|
| Sensitivity (1W@1m) | 89 dB | 89 dB |
| Cut Out Diameter | 274 mm / 10 ^{13/16} " | 274 mm / 10 ^{13/16} " |
| Mounting Depth | 181 mm / 7 ^{1/8} " | 181 mm / 7 ^{1/8} " |
| Power Handling (RMS) | 120 W | 120 W |
| Impedance | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 8" C-CAM RST driver 1" C-CAM pivoting Gold Dome tweeter HF level switch Boundary compensation switch | 8" C-CAM RST driver Pivoting IDC module (4" C-CAM RST inverted mid-range driver, 1" C-CAM Gold Dome tweeter) HF & MF level switches Boundary compensation switch |
| Pre-Construction Bracket | CB10 (Light brown) | CB10 (Light brown) |

Controlled Performance

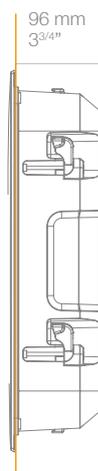


In-Wall

CP-WT150

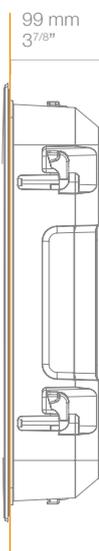


CP-WT260

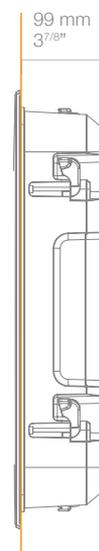


| | | |
|----------------------------|--|---|
| Sensitivity (1W@1m) | 85 dB | 88 dB |
| Cut Out Dimensions (H x W) | 326 x 207 mm / 12 ^{13/16} " x 8 ^{1/8} " | 381 x 228 mm / 15" x 9" |
| Mounting Depth | 96 mm / 3 ^{3/4} " | 96 mm / 3 ^{3/4} " |
| Power Handling (RMS) | 50 W | 65 W |
| Impedance | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 5" MMP II driver 1" C-CAM pivoting Gold Dome tweeter HF level switch | 6" C-CAM driver 1" C-CAM pivoting Gold Dome tweeter HF level switch Boundary compensation switch |
| Pre-Construction Bracket | WB6 (Purple) | WB8 (Green) |
| Back Box | | WCBOX-L |

CP-WT380



CP-WT380IDC



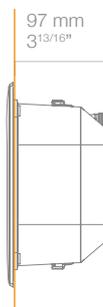
| | | |
|----------------------------|---|---|
| Sensitivity (1W@1m) | 89 dB | 89 dB |
| Cut Out Dimensions (H x W) | 438 x 269 mm / 17 ^{1/4} " x 10 ^{9/16} " | 438 x 269 mm / 17 ^{1/4} " x 10 ^{9/16} " |
| Mounting Depth | 99 mm / 3 ^{7/8} " | 99 mm / 3 ^{7/8} " |
| Power Handling (RMS) | 120 W | 120 W |
| Impedance | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 8" C-CAM RST driver 1" C-CAM pivoting Gold Dome tweeter HF level switch Boundary compensation switch | 8" C-CAM RST driver Pivoting IDC module (4" C-CAM RST inverted mid-range driver, 1" C-CAM gold dome tweeter) HF & MF level switches Boundary compensation switch |
| Pre-Construction Bracket | WB10 (Light brown) | WB10 (Light brown) |

Controlled Performance

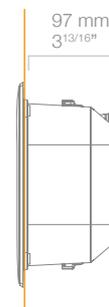


In-Wall Centres

CP-WT140LCR



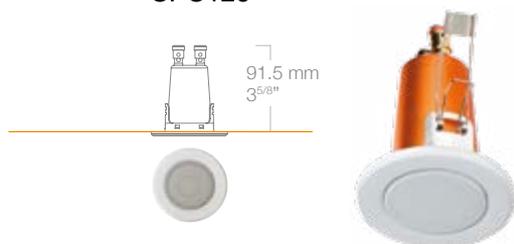
CP-WT240LCR



| | | |
|----------------------------|--|--|
| Sensitivity (1W@1m) | 88 dB | 88 dB |
| Cut Out Dimensions (H x W) | 183 x 299 mm / 7 ³ / ₁₆ " x 11 ³ / ₄ " | 183 x 299 mm / 7 ³ / ₁₆ " x 11 ³ / ₄ " |
| Mounting Depth | 97 mm / 3 ¹³ / ₁₆ " | 97 mm / 3 ¹³ / ₁₆ " |
| Power Handling (RMS) | 100 W | 100 W |
| Impedance | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 2 x 4" MMP II drivers 1" C-CAM pivoting Gold Dome tweeter HF level switch | 2 x 4" C-CAM drivers 1" C-CAM pivoting Gold Dome tweeter HF level switch Boundary compensation switch |
| Pre-Construction Bracket | WB4LCR (Dark brown) | WB4LCR (Dark brown) |

In-Ceiling GU10 Size

CPC120



CPC120

A precision engineered micro design; the CPC120 loudspeaker offers extraordinary sound quality from a standard GU10-sized halogen down-lighter hole. It fits on to ceilings with conventional fitment clips meaning quick and simple installation.



| | |
|--------------------------|---|
| Sensitivity (1W@1m) | 85 dB |
| Cut Out Diameter | 65 mm / 2 ¹ / ₂ " |
| Mounting Depth | 91.5 mm / 3 ⁵ / ₈ " |
| Power Handling (RMS) | 20 W / 50 W using a crossover @ 200 Hz |
| Impedance | 8 Ohms |
| Driver Size & Technology | 2" Full range micro-driver Sealed back box Conventional fitment clips Quick and easy discreet flush fitment to ceilings or walls Satin white finish |



Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.

Controlled Performance



Performance Full Size

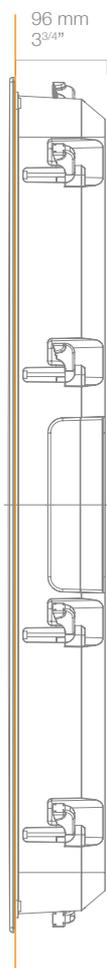
The CP-IW260X and CP-IW460X In-Wall designs have overcome the challenges of scale to deliver the natural, full range audio energy you would expect from a free-standing high-end box. In a leap of engineering ingenuity, we've distilled the know-how driving our hi-fi speakers into a super-compact In-Wall format. 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. Both Full Size models can be installed in vertical or horizontal orientations, with the high frequency ribbon transducer of the CP-IW460X designed to rotate 90° to suit the chosen speaker placement.



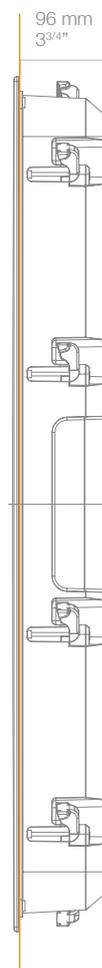
Controlled Performance

Performance Full Size

CP-IW260X



CP-IW460X



| | | |
|----------------------------|---|--|
| Sensitivity (1W@1m) | 89 dB | 89 dB |
| Cut Out Dimensions (H x W) | 880 x 230 mm / 34 ^{21/32} " x 9" | 880 x 230 mm / 34 ^{21/32} " x 9" |
| Mounting Depth | 96 mm / 3 ^{3/4} " | 96 mm / 3 ^{3/4} " |
| Power Handling (RMS) | 150 W | 150 W |
| Impedance | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 2 x 6 ^{1/2} " C-CAM bass drivers 2 x 4" C-CAM mid-range drivers 1" C-CAM Gold Dome tweeter HF & MF level switches Boundary compensation switch Vertical or horizontal orientation | 2 x 6 ^{1/2} " C-CAM RST bass drivers 2 x 4" C-CAM RST mid-range drivers High frequency ribbon transducer Die-cast alloy bass driver chassis provides rigidity; results in punch bass and clean mid-range performance due to reduced transfer of vibrations HF & MF level switches Boundary compensation switch Innovative HF tweeter rotating system to facilitate vertical or horizontal orientation |
| Pre-Construction Bracket | WB12 (Green) | WB12 (Green) |



Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.



Perfection Elevated

PLATINUM II In-Ceiling Speaker

Platinum II Technology



RDT II (Rigid Diaphragm Technology 2nd Generation) Driver: A composite 'sandwich' structure made from ultra-thin low mass skins, bonded to a honeycomb Nomex® core material. It is very light and very strong, meaning that it can respond with great speed without bending – just like a perfect piston. RDT II uses C-CAM for the front skin, while the rear skin is made from a woven carbon fibre material. The new structure reduces distortion by over 8 dB above 300 Hz, which makes RDT II the lowest distortion cone technology in Monitor Audio's history.



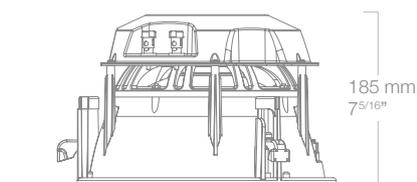
MPD (Micro Pleated Diaphragm) High Frequency Transducer: Developed over many months of intensive testing and listening, the MPD High Frequency Transducer is a landmark achievement by the engineering team for Platinum II. It represents an imaginative re-working of an existing technology, transforming a successful idea into an audiophile super-driver, having greater accuracy and efficiency than ever before. The proprietary low-mass pleated diaphragm has a surface area eight times larger than that of a traditional dome tweeter. The MPD transducer works like a super-fast accordion by rapidly squeezing the pleats to produce a smooth, wide, naturally fast response up to 100 kHz. As a result it sounds more lifelike, releasing the high harmonic spectrum of every note without the distortion that blurs definition.

PLATINUM II

Platinum II is our flagship range of speakers – the pinnacle of our design skills. With our most advanced driver, crossover and acoustics systems, we’ve tuned the virtues that have won Monitor Audio worldwide acclaim to deliver sublime audio accuracy. Close your eyes to the flagship custom install speakers and you’ll convince yourself that you must be listening to high-end, floorstanders. Open your eyes and guess what? No cabinets on view, just superbly designed In-Ceiling and In-Wall speakers.

In-Ceiling

PLIC II



PLIC II

Designed for installation in both new build and retrofit projects, the In-Ceiling option features an 8" long throw bass driver with Rigid Diaphragm Technology (RDT II) cone technology to provide immensely powerful bass lines. To satisfy the interior designer and end user, the circular grille can appear almost invisible, by being painted to match the room décor. This beautiful speaker presents a stunning example of how to successfully marry high-end audio performance with installation flexibility.

| | |
|--------------------------|--|
| Sensitivity (1W@1m) | 90 dB |
| Cut Out Diameter | 273 mm / 10 ^{3/4} " |
| Mounting Depth | 185 mm / 7 ^{5/16} " |
| Power Handling (RMS) | 150 W |
| Impedance | 4 ohms Nominal (3.1 ohms minimum @ 1.1 kHz) |
| Driver Size & Technology | 8" long-throw RDT II bass driver 2 x 2" C-CAM mid-range drivers – full three-way design MPD high frequency transducer Angled mid-range and high frequency drivers – directed towards listening area to provide uniform mid and high frequency dispersion High-performance ‘no compromise’ flagship speaker product Rigid aluminium baffle construction Highest quality ‘push’ style termination Mid-range and HF level adjustment switches (+1/0/-1 dB) Paintable, trim less/low profile circular magnetic grille design Square grille option available Highest quality crossover design – including metallised polypropylene capacitors and low loss inductors Patented Tri-Grip mounting clamps |
| Pre-Construction Bracket | CB10 (Light brown) |
| Back Box | PLIC-BOX II – specially designed pre-construction enclosure provides ideal controlled performance or a bespoke sealed enclosure of 24 Litres |

Square Grille

The PLIC II is supplied with a standard round grille, this can be replaced with an additional Square Grille design. See Page 51 for more details.

Platinum II In-Ceiling Back Box



Overall Dimensions
(Including Brackets):
191.2 x 628.6 x 350 mm
7^{1/2} x 24^{3/4} x 13^{3/4}"
Internal volume 24 L

PLIC-BOX II

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



Perfection Integrated

PLATINUM II In-Wall Speaker



PLATINUM II

In-Wall

Platinum In-Wall II



Platinum In-Wall II can be installed in vertical or horizontal orientations

Platinum In-Wall II

The Platinum In-Wall II is a three-way reference architectural speaker system, perfect for custom home theatre projects where lifelike scale and dynamics are demanded. Equipped with an adjustable mid/high frequency driver array, this unit is able to deliver pin-point audio imaging and consistency from both vertical or horizontal orientations. By rotating the array though 90 degrees at the centre of a LCR configuration for instance, a soundstage of three Platinum In-Wall II's will generate the seamless tonal integrity of the finest boxed systems from a stealthy In-Wall location.

| | |
|----------------------------|--|
| Sensitivity (1W@1m) | 90 dB |
| Cut Out Dimensions (H x W) | 1179 x 302 mm / 46 ^{7/16} x 11 ^{7/8} " |
| Mounting Depth | 97.5 mm / 3 ^{13/16} " |
| Power Handling (RMS) | 200 W |
| Impedance | 4 Ohms (3.7 Ohms min. @ 2.8 kHz) |
| Driver Size & Technology | 2 x 6 ^{1/2} " RDT II bass drivers 4" RDT II mid-range driver MPD high frequency transducer Mid-range/tweeter module rotates for vertical or horizontal orientations HF & MF level switches (+1/0/-1 dB) Flagship In-Wall luxury speaker Less than 4" mounting depth |

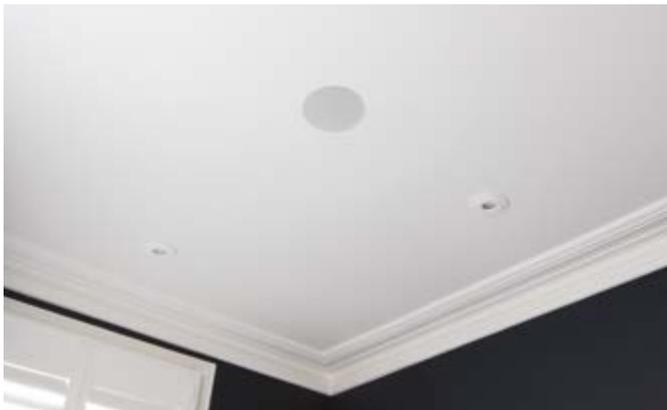


Flush Fit



For an architectural Flush Fit finish we have created the beautifully discreet CF230 speaker, designed to blend seamlessly with high-end lighting solutions. Skim over the mudbank with plaster and CF230 aligns with its surrounding area, with a choice of round or square grilles to finish. Use it on its own or in multiples, set up a pair with the matched ICS-8 subwoofer and the 2.1 system will outperform most traditional Custom Install speakers. For existing ceilings use the easy to install Retrofit solution.

In-Ceiling



CF230



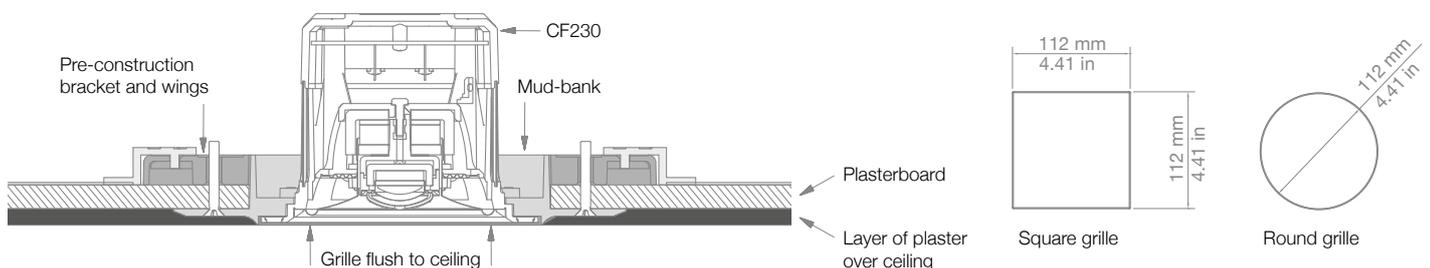
| | |
|---|--|
| Sensitivity (1W@1m) | 82.5 dB |
| Cut Out Diameter | Flush Fit 120 mm / 4 ^{3/4} " |
| | Retrofit 90 mm / 3 ^{9/16} " |
| Overall Depth (With Grille) | 83.62 mm / 3 ^{5/16} " |
| Power Handling (RMS) | 30 W – Full range – IEC268-5 rating 100 W – Music program (Using High Pass crossover filter @120 Hz) |
| Impedance | 8 Ohms |
| Driver Size & Technology | 3 ^{1/2} " Bass/mid-range driver, featuring C-CAM cone 3/4" C-CAM Gold Dome tweeter (Coincident) |
| Brackets and Grilles (All sold separately) | 1. Flush Fit – CFB3-R (round grille) or CFB3-SQ (square grille) Pre-construction bracket included in above kits 2. Retrofit – CFB3-KIT (round and square grilles) |
| Grille Finish | Signal White, RAL 9003. Also Paintable |

CF230

The CF230 is one of Monitor Audio's most visually discreet speaker systems, creating a high-end fit and finish. Choose from Pre-Construction Flush Fit (new build) or Retrofit (existing) installation. Round and square options are on offer, while the option of ceiling mounting or fitting into a standard stud wall construction provide further options.

Used on its own, or in multiples, the CF230 presents beautiful sounding audio from its specially designed coincident driver. Designed and built by people who intimately understand the world of home technology, the CF230 is a given for any custom speaker project.

Pre-Construction Installation

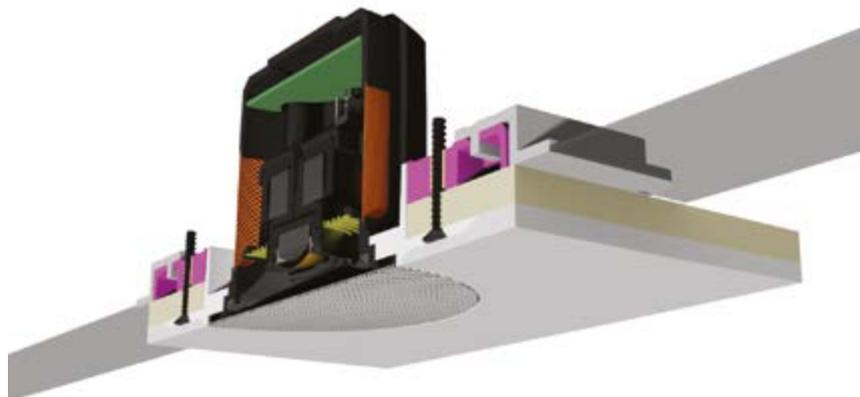


Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.

Flush Fit

Brackets and Grilles

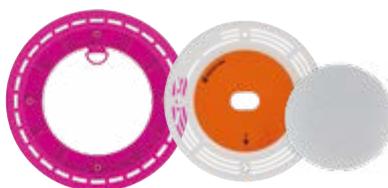
1. Pre-Construction Flush Fit



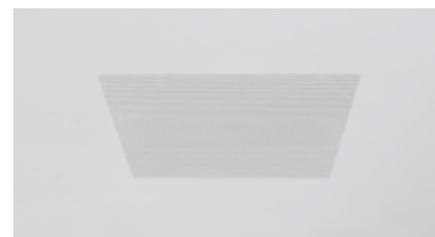
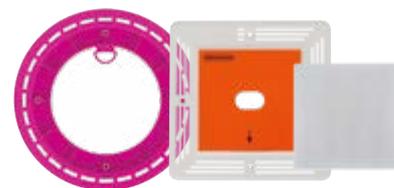
Once skimmed with plaster the pre-construction set-up CF230 package enables a seamless, flush fit appearance. You get clean lines, with no shadow-creating edges, and paint the grille to match the ceiling and the speaker disappears even further into the background. Order either round or square option.

Pre-Construction Flush Fit Installation Kits

CFB3-R (Round)



CFB3-SQ (Square)

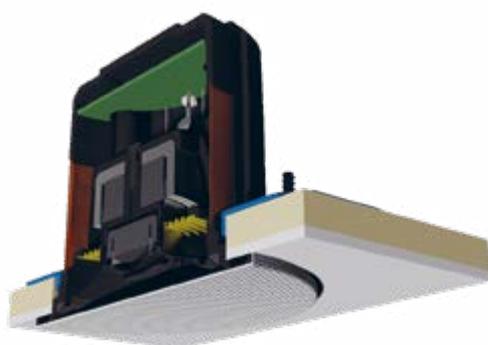
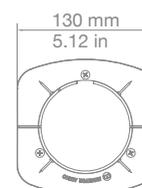


2. Retrofit

CFB3-KIT Retrofit Bracket and Grilles



Retrofit: Grille sits proud by 3.55 mm



The CFB3-KIT retrofit installation kit cleverly provides a firm fixing behind plasterboard/Sheetrock and requires just three bolts to complete the fit. **NOTE:** The retrofit option is not flush fitting, but requires no plastering. The grille will sit slightly proud of the ceiling surface by 3.55 mm, less than a standard In-Ceiling grille.



Installation Guide video available,
scan the QR code or visit:
vimeo.com/monitoraudio/cf230

ICS-8

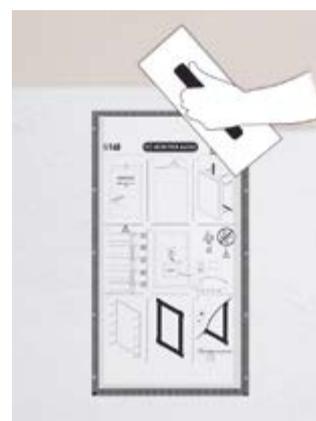
Compatible product for this range:
In-Ceiling Subwoofer ICS-8.
See Page 38 for details.



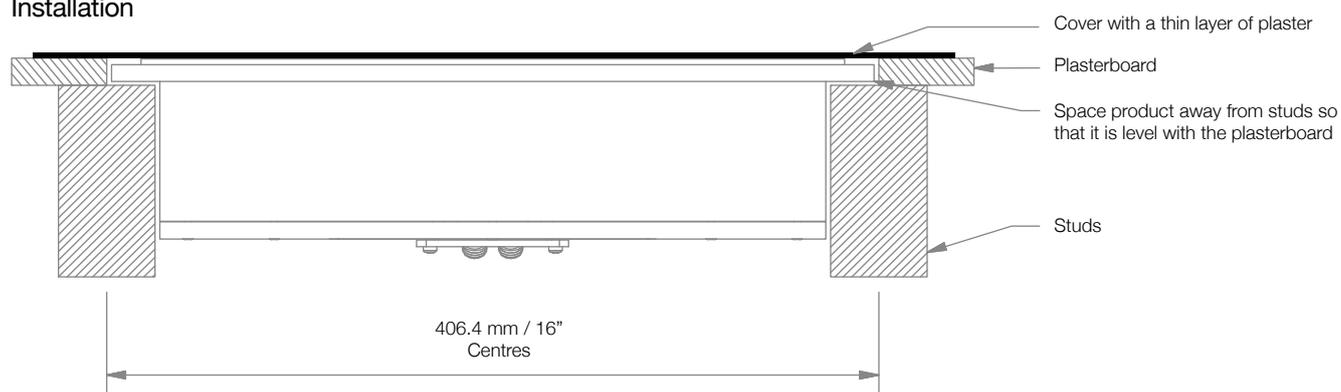
Invisible

Bringing Monitor Audio's legendary expansive audio performance to any room, the IV140 couldn't be more discreet. Once installed and skimmed with plaster, the two-way speaker disappears completely out of view. Choose to finish the illusion with wallpaper or paint.

In-Wall

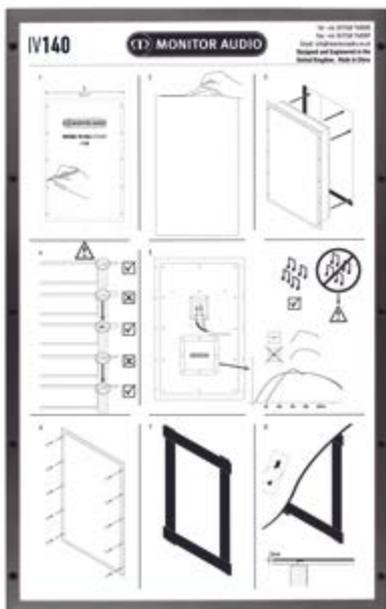


Installation



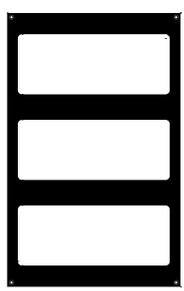
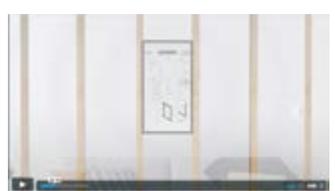
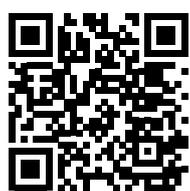
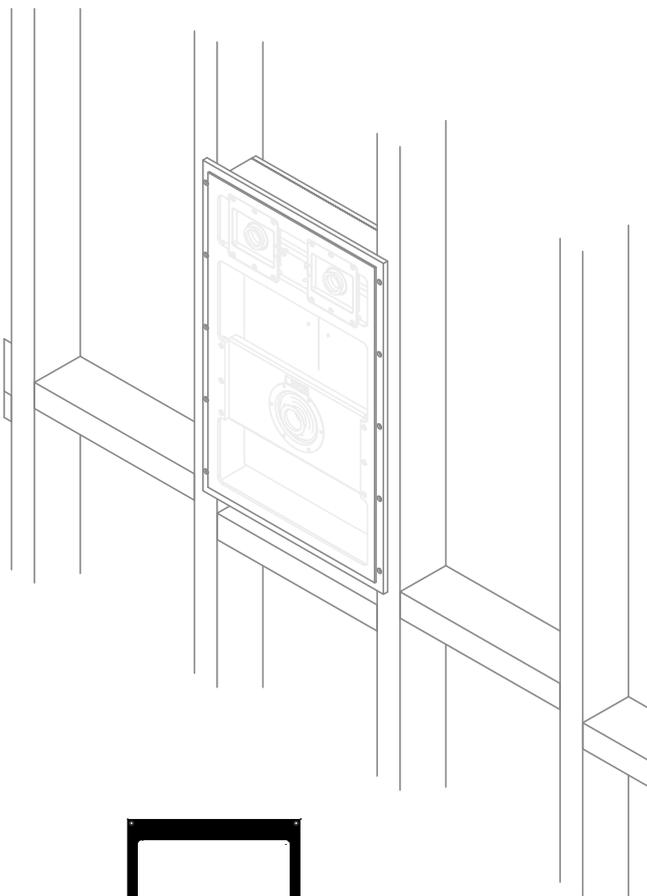
Invisible

IV140



Closed back Opened back
Rear acoustic cover can be removed

| | |
|----------------------------|--|
| Sensitivity (1W@1m) | 82 dB (when installed as directed) |
| Cut Out Dimensions (H x W) | 591 x 350.5 mm / 23 ^{1/4} " x 13 ^{3/16} " |
| Mounting Depth | 94 mm / 3 ^{11/16} " |
| Power Handling (RMS) | 50 W – Full range – IEC268-5 rating 100 W – Music program (Using Minimum 80 Hz High Pass filter) |
| Impedance | 8 Ohms |
| Technology | Low frequency transducer – Featuring high power ceramic magnetics and 40 mm voice coil Dual high frequency transducers – Incorporating high power Neo magnets and 30 mm voice coils 2-way system with integrated crossover Pre-construction speaker designed to be plastered in to create 'invisible' appearance Rigid MDF back box construction Integrated 'hybrid' controlled performance back box system – Fully sealed or opened back High Quality crossover – Including metallised film capacitors and low loss steel core inductors Protected against overload by PTC's (automatically re-setting breakers) Ideal for home cinema, distributed audio, hospitality, retail and commercial background music applications where aesthetics and discretion are key factors |
| Pre-Construction Bracket | WBIV140 |



WBIV140
Pre-Construction Bracket available

Installation Guide video available, scan the QR code or visit:
vimeo.com/monitoraudio/iv140

Pro Speakers



In-Ceiling

We designed the PRO Speakers range for projects requiring a large number of compact discreet speakers. Combining brilliant sonic performance with a highly flexible architectural design, PRO models work perfectly in larger spaces, including hotel lobbies, office complexes, restaurants, as well as general domestic set-ups.



| | | | |
|--------------------------|--|---|---|
| Sensitivity (1W@1m) | 86 dB | 87 dB | 87 dB |
| Cut Out Diameter | 205 mm / 8 ¹ / ₁₆ " | 248 mm / 9 ³ / ₄ " | 266 mm / 10 ¹ / ₂ " |
| Mounting Depth | 87.7 mm / 3 ⁷ / ₁₆ " | 98.1 mm / 3 ⁷ / ₈ " | 101.4 mm / 4" |
| Power Handling (RMS) | 30 W | 40 W | 40 W |
| Impedance | 8 Ohms | 8 Ohms | 16 Ohms 70 V (4, 8, 16, 32, 64 W) / 100 V (8, 16, 32, 64 W) power selection |
| Driver Size & Technology | 6 ¹ / ₂ " MMP II driver 1" pivoting tweeter Only available in packs of 5 | 8" MMP II driver 1" pivoting tweeter Only available in packs of 5 | 8" MMP II driver 1" C-CAM Gold Dome tweeter Ideal for projects with a large quantity of speakers over large distances Transformer with 70/100 V input for installation on one amplifier channel Fireproof steel rear can – Fire Rating: UL1480 & UL2043 'Easy-fit' connection block – Provides link out for 'daisy chain' connection Anchor point fixings Only available in packs of 4 |
| Additional Square Grille | – | Supplied with round grille, can be replaced with an additional Square Grille design. See page 51 for details. | |
| Pre-Construction Bracket | PRO-IC65 Construction Bracket | CB8 (Green) | CB8-LV CB8-LVK |

PRO-65

Available in packs of five, and part of our PRO range, the PRO-65 is ideal for projects with large numbers of compact speakers. It twins our 6.5" MMP II cone bass-mid driver with the pivoting 25 mm fabric dome tweeter.

PRO-80

Available in packs of five, and part of our PRO range, the PRO-80 is an essential part of any project requiring large numbers of compact In-Ceiling speakers. It twins our 8" MMP II driver – this is tried and thoroughly trusted Monitor Audio technology – with our pivoting 25 mm fabric dome tweeter.

PRO-80LV

A commercial speaker with 70/100 V line power taps, the Monitor Audio PRO-80LV is ideal for projects with a large quantity of speakers extending over large distances. With its 'Easy-fit' connection box providing link out for 'daisy chain' connection, and equipped with our C-CAM Gold Tweeter and 8" MMP II driver, it is as sonically capable as it is useful.

Weather Resistant Speakers



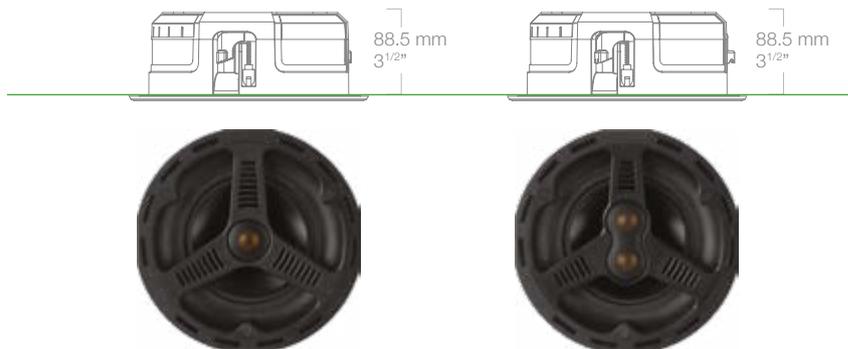
All Weather

Our All Weather In-Ceiling series means Monitor Audio performance in extreme environments, such as bathrooms, beach houses, boats, and saunas. Equipped to resist heightened levels of corrosion, dust, and water, the All Weather line also offers UV protection. Even the non-ferrous Samarium Cobalt magnets and the Stainless Steel grilles are certified against salt spray. Operating temperature range: -34° to 79° C / -29° to 174° F.

In-Ceiling

AWC265

AWC265-T2



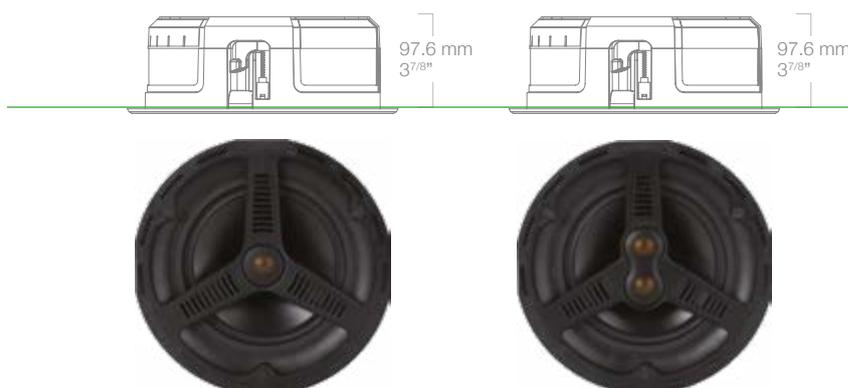
| | | |
|--------------------------|---|--|
| Sensitivity (1W@1m) | 88 dB | 88 dB (both channels driven) |
| Cut Out Diameter | 211 mm / 8 ¹ / ₄ " | 211 mm / 8 ¹ / ₄ " |
| Mounting Depth | 88.5 mm / 3 ¹ / ₂ " | 88.5 mm / 3 ¹ / ₂ " |
| Power Handling (RMS) | 60 W | 60 W |
| Impedance | 8 Ohms / 4.4 Ohms @ 190 Hz | 8 + 8 Ohms / 4.5 Ohms @ 185 Hz |
| Driver Size & Technology | 6 ¹ / ₂ " C-CAM driver 1" C-CAM Gold Dome tweeter HF level switch | 6 ¹ / ₂ " C-CAM driver 2 x 1" C-CAM Gold Dome tweeters HF level switch |
| IP Rating | Front: IP55 Rear: IP4X | Front: IP55 Rear: IP4X |
| Pre-Construction Bracket | CB6 (Purple) | CB6 (Purple) |
| Back Box | CCBOX-R / CMBOX-R | CCBOX-R / CMBOX-R |



Gold plated push terminals with silicone cover

AWC280

AWC280-T2



Dust protection covers on driver and crossover splash and humidity proof for installation in shower and pool areas



Stainless steel fixing screws with Neoprene covers

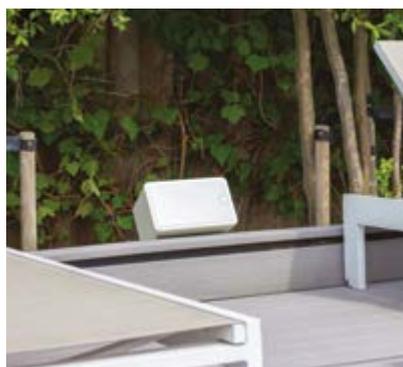
| | | |
|--------------------------|--|---|
| Sensitivity (1W@1m) | 89 dB | 89 dB (both channels driven) |
| Cut Out Diameter | 247 mm / 9 ³ / ₄ " | 247 mm / 9 ³ / ₄ " |
| Mounting Depth | 97.6 mm / 3 ⁷ / ₈ " | 97.6 mm / 3 ⁷ / ₈ " |
| Power Handling (RMS) | 100 W | 100 W |
| Impedance | 8 Ohms / 4.5 Ohms @ 185 Hz | 8 + 8 Ohms / 4.5 Ohms @ 185 Hz |
| Driver & Technology | 8" C-CAM driver 1" C-CAM Gold Dome tweeter HF level switch | 8" C-CAM driver 2 x 1" C-CAM Gold Dome tweeters HF level switch |
| IP Rating | Front: IP55 Rear: IP4X | Front: IP55 Rear: IP4X |
| Pre-Construction Bracket | CB8 (Green) | CB8 (Green) |
| Back Box | CCBOX-L / CMBOX-R | CCBOX-L / CMBOX-R |

Square Grilles

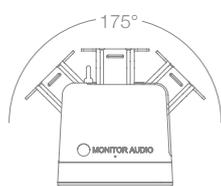
All AWC models are supplied with a standard round grille, this can be replaced with an additional Square Grille design. See Page 51 for more details.

Climate

Certified resistant to corrosion, UV, and water our Climate range lets you experience Monitor Audio speaker performance outdoors, whatever the weather. Wall mountable, the robust cabinet presents a smart look and disperses quality audio over large areas. Paintable textured black or white finishes with weatherproof aluminium grilles. Operating temperature range: -25° to 65° C / -13° to 149° F.



Wall Mounted



Bracket allows for 175° rotation on horizontal axis



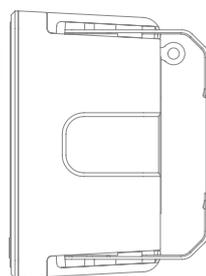
Speaker position can be fine tuned by using optional 15° angle block



Vertical or horizontal orientation. Rotational 'M' logo

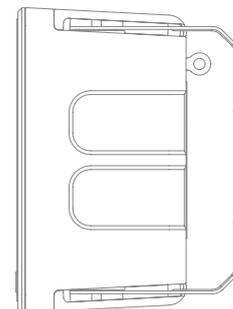
Climate 50

210.4 mm / 8⁵/₁₆"



Climate 60

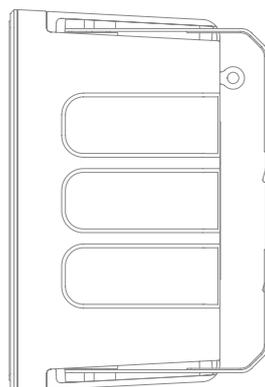
235.4 mm / 9⁵/₁₆"



| | | |
|--|--|---|
| Sensitivity (1W@1m) | 87 dB | 88 dB |
| Overall Dimensions With Grille (H x W x D) | 285 x 172.5 x 160 mm / 11 ¹ / ₄ x 6 ¹³ / ₁₆ x 6 ⁵ / ₁₆ " (Overall Depth With Bracket: 210.4 mm / 8 ⁵ / ₁₆ " | 325 x 185 x 180 mm / 12 ¹³ / ₁₆ x 7 ⁵ / ₁₆ x 7 ² / ₁₆ " (Overall Depth With Bracket: 235.4 mm / 9 ⁵ / ₁₆ " |
| Power Handling (RMS) | 80 W | 100 W |
| Impedance | 8 Ohms | 8 Ohms |
| Driver Size & Technology | 5 ¹ / ₂ " C-CAM driver 1" C-CAM Gold Dome tweeter Rear mounted ABR (Auxiliary bass radiator) | 6 ¹ / ₂ " C-CAM driver 1" C-CAM Gold Dome tweeter Rear mounted ABR (Auxiliary bass radiator) |
| IP Ratings | IP55 | IP55 |

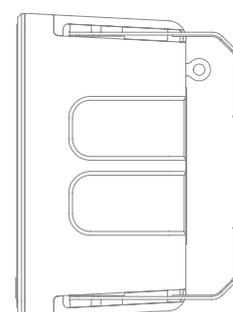
Climate 80

273 mm / 10³/₄"



Climate 60-T2

235.4 mm / 9⁵/₁₆"



Finishes
White and
Black

| | | |
|--|--|---|
| Sensitivity (1W@1m) | 89.5 dB | 88 dB |
| Overall Dimensions With Grille (H x W x D) | 405 x 230 x 221.5 mm / 15 ¹⁵ / ₁₆ x 9 ¹ / ₁₆ x 8 ¹² / ₁₆ " (Overall Depth With Bracket: 273 mm / 10 ³ / ₄ " | 325 x 185 x 180 mm / 12 ¹³ / ₁₆ x 7 ⁵ / ₁₆ x 7 ² / ₁₆ " (Overall Depth With Bracket: 235.4 mm / 9 ⁵ / ₁₆ " |
| Power Handling (RMS) | 120 W | 2 x 50 W |
| Impedance | 8 Ohms | 8 + 8 Ohms |
| Driver Size & Technology | 8" C-CAM driver 1" C-CAM gold dome tweeter Rear mounted ABR (Auxiliary bass radiator) | 6 ¹ / ₂ " C-CAM driver 2 x 1" C-CAM Gold Dome tweeters T2: Stereo with double tweeter Rear mounted ABR (Auxiliary bass radiator) |
| IP Ratings | IP55 | IP55 |

Vecta



The stylish, compact Vecta indoor or outdoor speakers cleverly combine architectural aesthetics and innovation with the high quality professional audio performance that Monitor Audio is renowned for. The Vecta V240 offers incredible versatility and simple fitting, ensuring integrators can install these systems quickly and effectively. Developed with an angled baffle and curved tapered back cabinet, Vecta is designed to provide a wider field of coverage for an optimal acoustic performance. Available in both standard and LV models. The V240 blends seamlessly under eaves and in vertical corners. Four V240-LV speakers can be placed together to create a 360° of sphere sound hanging from the V-CLUSTER bracket.

UV resistant finishes in black or white.

Operating temperature range: -25° to 65° C / -13° to 149° F



4 x V240-LVs on V-CLUSTER bracket

Vecta Features:

- Stylish, compact and versatile architectural design
- Sealed enclosure impervious to 'All weather' environments – Rated to IP55
- Intelligent automatic connection system – easier to install with no visible wires
- V240-LV – 70/100 Volt line operation
- V240-LV – power level selection switch for system optimisation (hidden behind the badge)
- V-CLUSTER – a pole mount bracket for 360 degree coverage with 4 speakers (V240-LV model only)
- Straight wall V-MOUNT bracket – providing 25 degrees of tilt (optional wedge adds extra 32.5 degrees)
- V-CORNER bracket for corner, under eave or back to back installation
- Dual 4" Drivers featuring C-CAM metal cone technology
- 25 mm (1") C-CAM Dome tweeter
- High-density ABS enclosure with rust proof stainless steel grille
- Available in black or white (Signal White – RAL 9003)
- Paintable to match a custom installation

Vecta Brackets

There are three mounting brackets available for Vecta. Please view Page 35 for full details.



Finishes:

V240, V240-LV and V-MOUNT: UV resistant Black or White (Signal White – RAL 9003)

V-CORNER and V-CLUSTER: UV resistant Black



V240 and V-MOUNT Cross section



V240 back

Vecta

Wall / Corner Mounted

V240



| | |
|--|---|
| Sensitivity (1W@1m) | 88 dB |
| Overall Dimensions With Grille (H x W x D) | 335.9 x 243.2 x 150 mm / 13 ¹ / ₄ x 9 ⁹ / ₁₆ x 5 ⁷ / ₈ " (Overall Depth with Bracket: V-MOUNT 175.4 mm / 6 ⁷ / ₈ ") |
| Power Handling (RMS) | 100 W |
| Impedance | 4 Ohms |
| Driver Size | 2 x 4" C-CAM drivers 1" C-CAM Dome tweeter |
| Mounts | V-MOUNT, V-CORNER (All sold separately) |
| IP Ratings | IP55 |

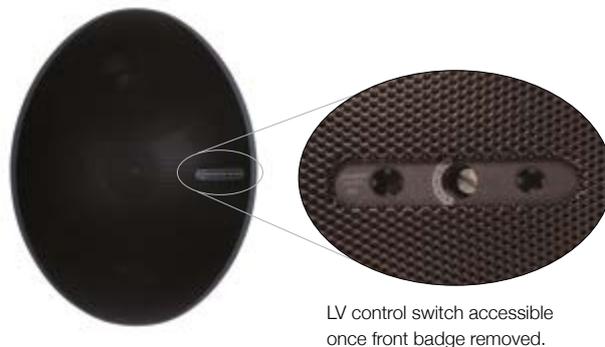
Vecta

Using cleverly designed brackets and a single point automatic connection system, Vecta can be quickly and easily mounted horizontally or vertically. Installers fix the bracket to the wall, and then simply drop the speaker in place and secure with a single screw. An automatic connection system means that the install is extremely sleek, with no wires visible.



Wall / Corner / Cluster Mounted

V240-LV



LV control switch accessible once front badge removed.

| | |
|--|---|
| Sensitivity (1W@1m) | 88 dB |
| Overall Dimensions With Grille (H x W x D) | 335.9 x 243.2 x 150 mm / 13 ¹ / ₄ x 9 ⁹ / ₁₆ x 5 ⁷ / ₈ " (Overall Depth with Bracket: V-MOUNT 175.4 mm / 6 ⁷ / ₈ ") |
| Power Handling (RMS) | 100 W |
| Impedance | 70/100 Volt line level |
| Switch | 70 V (2, 4, 8, 16, 32) power level |
| Driver Size & Technology | 2 x 4" C-CAM drivers 1" C-CAM Dome tweeter |
| Mounts | V-MOUNT, V-CORNER, V-CLUSTER (All sold separately) |
| IP Ratings | IP55 |

V240-LV

The V240-LV speaker adds further versatility in commercial applications with a 70/100V line level. The integrated transformer allows multiple speakers in a system without worrying about impedance matching or losses when long cable runs are required.

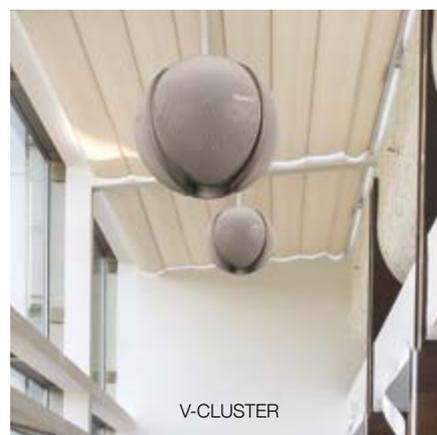


Intelligent automatic connection system

Vecta

Brackets for V240 and V240-LV

There is a choice of three intelligently designed brackets. V-MOUNT can be used to mount speakers flat on a wall with the option of using the supplied Wedge. For installation under eaves or in vertical corners, there is the V-CORNER bracket. Two speakers can be mounted back to back using a pair of V-CORNERs. The V-CLUSTER bracket can be suspended from above and supports four V240-LV speakers giving 360° sound. All three brackets' automatic connection system means that the install is extremely sleek, with no wires visible.

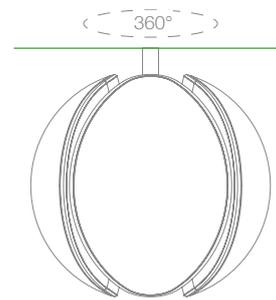
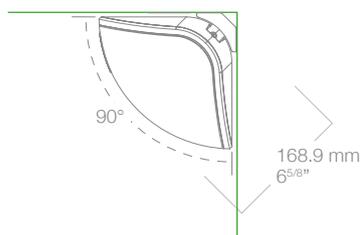
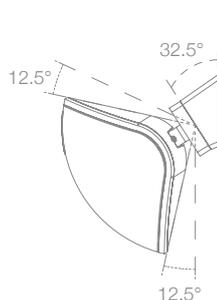
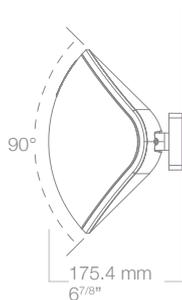


V-MOUNT

V-MOUNT with Wedge

V-CORNER

V-CLUSTER (4 x V240-LV)



Mounting configurations



Vecta

V-MOUNT Bracket (V240 and V240-LV)



V-MOUNT



Cover removed



V-MOUNT with optional wedge

V-MOUNT

Vecta V-MOUNT brackets enable wide audio dispersion, allowing the speaker to be angled by 25° or tilted a further 32.5° with the optional wedge.

V-CORNER Bracket (V240 and V240-LV)



V-CORNER



Cover removed



V-CORNER x 2



Covers removed

V-CORNER

By using a Vecta V-CORNER bracket, speakers can be installed under eaves or in the corner of the wall, providing high quality audio from a discreet location. Using two V-CORNER speakers can be mounted back to back.

V-CLUSTER Bracket (V240-LV only)



V-CLUSTER



Attach 4 x V240-LVs to the V-CLUSTER bracket

V-CLUSTER

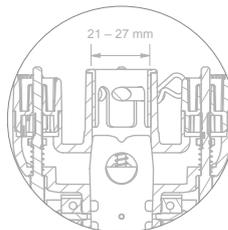
Once slotted onto the V-CLUSTER bracket to form a sphere, the V240-LV speakers will provide near-perfect 360-degree sonic coverage in the horizontal plane. Enhanced vertical dispersion is provided by the natural curvature of the Vecta's design and its wide dispersion driver array. Fitting is completed with a single point screw securing each speaker in place. The fitting gives a precise electrical connection automatically, with no visible wires evident after the install is complete. The V-CLUSTER's intelligent design saves time when working in elevated or tricky locations.

Base cover supplied in Black and White finishes.

For use with poles with an outer diameter of 21 – 27 mm. (Pole not included).

Disclaimer

The V-CLUSTER bracket facilitates installation of the Vecta V240-LV speakers with a variety of general-purpose ceiling-fan-pole assemblies available from many manufacturers. Since different fan-pole assemblies have different weight capacities, pole diameters and mounting systems, it is the customer's responsibility to check with the fan-pole-assembly manufacturer or dealer to determine whether that specific pole-mount assembly is capable of correctly and securely attaching to the V-CLUSTER bracket and handling the weight and proportions of these speakers in a safe and stable manner. Monitor Audio disclaims any liability for the selection of fan-pole assemblies and/or correct compatibility between the selected fan-pole assembly and the V-CLUSTER bracket. The installer is responsible for proper selection and use of mounting hardware, to properly and safely pole-mount the speakers.



4 x V240-LV Mounted in a cluster

Vecta Installation Guide video available, scan the QR code or visit:

vimeo.com/monitormedia/vecta



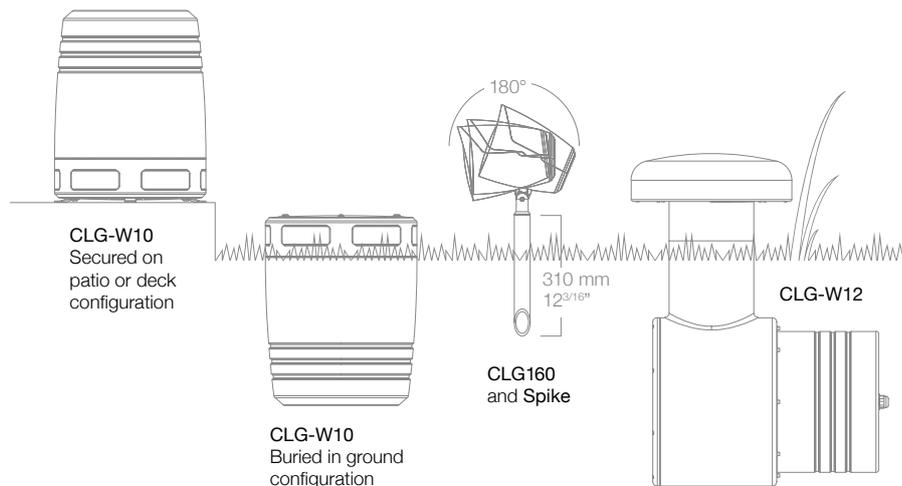
Climate Garden System

Ingeniously designed for concealment in any garden landscape, the Climate Garden System takes our award-winning hi-fi audio outside, providing music lovers with the lifestyle experience of big, wide, detailed sound in the great outdoors.

The system's super-discreet all-weather satellite/subwoofer design has been expertly created by our designers for ground level installation amongst shrubs and trees. The speaker system delivers a luxurious blend of unobtrusive aesthetics and natural full-range audio in gardens of any size.

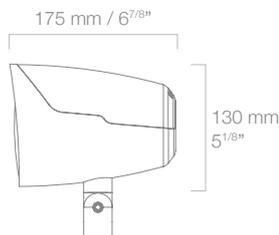
Comprising the CLG140 and CLG160 satellite speakers and CLG-W10 and CLG-W12 subwoofers 'daisy-chained' together in 70/100 V line arrays of up to sixteen satellites and three subwoofers, the set-up is expandable by adding additional satellite, subwoofer and amplifier sets according to garden size. Operating temperature range: -20° to 70° C / -4° to 158° F.

CLG140 and Mount

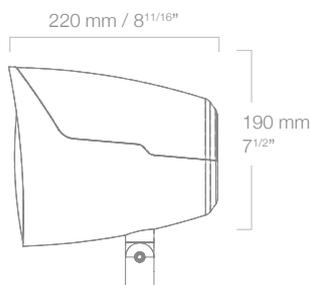


In-Ground / Mounted

CLG140



CLG160



CLG-MOUNT

NOTE : Mount and Spike sold separately. Speakers not included. Tree or pole mounting possible with additional fixings.



CLG-SPIKE R

| | | |
|--|---|---|
| Sensitivity (1W@1m) | 88 dB | 89 dB |
| Overall Dimensions Excluding Mount/Spike (H x W) | 130 x 175 mm 5 ¹ / ₈ x 6 ⁷ / ₈ " | 190 x 220 mm 7 ¹ / ₂ x 8 ¹¹ / ₁₆ " |
| Power Handling (RMS) | 40 W (Crossover set to minimum 100 Hz @ 12 dB/Octave) | 60 W (Crossover set to minimum 80 Hz @ 12 dB/Octave) |
| Impedance | 70/100 V line level | 70/100 V line level |
| Driver Size & Technology | 4" MMP II cone bass-mid driver 1" C-CAM Gold Dome tweeter – Coaxially oriented | 6" MMP II cone bass-mid driver 1" C-CAM Gold Dome tweeter – Coaxially oriented |
| IP Ratings | IP55 | IP55 |

CLG140

The CLG140 satellite speaker is a robust high sensitivity design built to deliver richly detailed hi-fi quality mid/high frequencies.

CLG160

Suitable for ground level installation within the garden and around decking areas or mounted onto a tree, pole or garden fence, the CLG160 speaker features a rigid polymer shell which ensures it is resilient to extreme weather conditions.

Climate Garden System

Subwoofers

CLG-W10



CLG-W10 can be partially buried in a border.

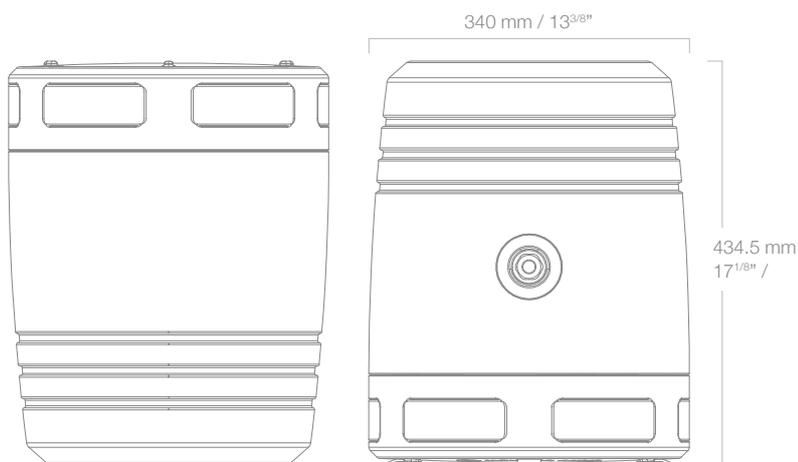


CLG-W10 can sit on the surface of a deck or patio area.

CLG-W10

The CLG-W10 passive subwoofer's compact design is extremely versatile and optimised to provide the system designer with a choice of installation options. It is designed to be partially buried in a border or sit on the surface of a deck or patio area and with an IP54 rating is resistant to extreme outdoor conditions.

| | |
|--------------------------|--|
| Sensitivity (1W@1m) | 85 dB |
| Overall Dimensions | Diameter 340 mm x High 434.5 mm 13 ^{3/8} " x 17 ^{1/8} " |
| Power Handling (RMS) | 150 W (IEC268-5) |
| Impedance | 4 Ohms or 70/100 V line level (cable select) |
| Driver Size & Technology | 10" long throw 'ICD' subwoofer, featuring C-CAM cone technology |
| IP Ratings | IP54 |



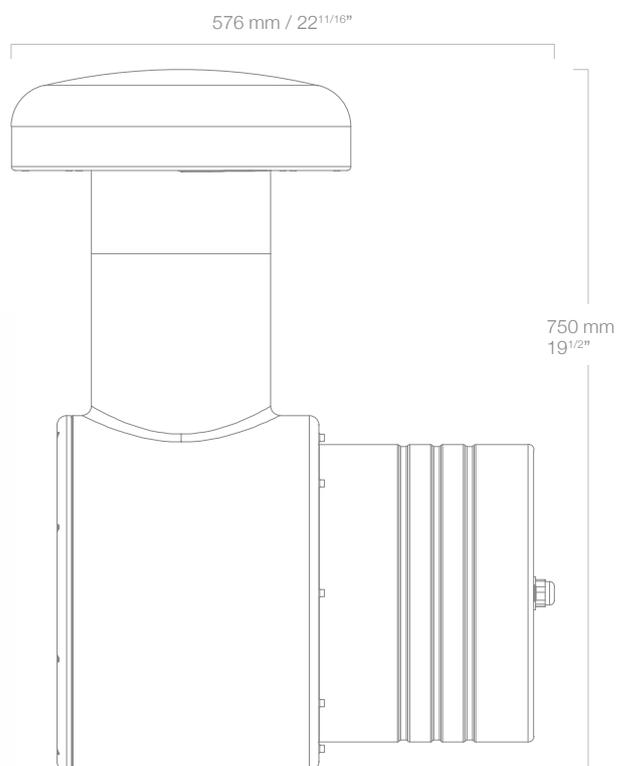
CLG-W12



CLG-W12 below ground garden installation. On patios or decks install within a suitably sized planter.

CLG-W12

The CLG-W12 passive subwoofer is optimised for discreet sub-surface installation with only the domed output port visible above ground. Below the surface, the powerful 12" C-CAM driver sits in a waterproof rotationally-moulded polymer enclosure and it brings deep bass into the garden.



| | |
|--------------------------------|--|
| Sensitivity (1W@1m) | 87 dB |
| Overall Dimensions (H x W x D) | 750 x 380 x 576 mm / 19 ^{1/2} " x 14 ^{15/16} " x 22 ^{11/16} " |
| Power Handling (RMS) | 250 W |
| Impedance | 4 Ohms or 70/100 V line level (cable select) |
| Driver Size & Technology | 12" C-CAM cone, long throw sub-bass driver |
| IP Ratings | IP54 |



Climate Garden System
Installation Guide video available,
scan the QR code or visit:
vimeo.com/monitoraudio/clg

Custom Subwoofers

Designed to perfectly complement our In-Ceiling and In-Wall speakers, the Custom Subwoofer range brings added bass reach, yet demands little in the way of footprint. Choose from our ultra-compact free-standing, In-Ceiling or In-Wall models.

In-Ceiling

ICS-8

A high-performance passive subwoofer able to fit into discreet spaces, such as ceiling and wall cavities, we primarily developed the ICS-8 to complement the CF230 Flush Fit In-Ceiling speaker. The 8" driver has been angled internally in the rigid MDF enclosure, to reduce the overall box height and ensure compatibility with a wide range of standard construction cavities. This smartly specified subwoofer delivers powerful bass down to 40 Hz and the sealed bandpass enclosure design stops ingress of dirt and building materials.

| | |
|--|---|
| Sensitivity (1W@1m) | 85 dB |
| Overall Cabinet Dimensions (H x W x L): | 235 x 280 x 396 mm 9 ^{1/4} x 11 x 15 ^{9/16} " |
| Power handling | 150 W – Full range – IEC268-5 rating |
| Impedance (nominal) | 8 Ohms |
| Driver Size & Technology | 8" long throw bass driver, featuring C-CAM cone technology |
| Brackets and Grilles (All sold separately) | 1. Flush Fit – CFB3-R (round grille) or CFB3-SQ (square grille) Pre-construction bracket included in above kits 2. Retrofit – CFB3-KIT (round and square grilles) |



CF230

Complements the CF230 Flush Fit In-Ceiling speaker. Please view Page 24.

Brackets and Grilles

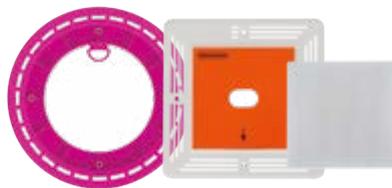
The ICS-8 is installed using one of these kits. Order **round** or **square** option for Flush Fit or Kit for Retrofit (All sold separately). Please view Pages 24 and 25 for installation information.

1. Pre-Construction Flush Fit Installation Kits

CFB3-R (Round)



CFB3-SQ (Square)



2. Retrofit Installation Kit

CFB3-KIT

Retrofit Bracket and Grilles



Retrofit: Grille sits proud by 3.55 mm



Installation Guide video available, scan the QR code or visit:
vimeo.com/monitormedia/ics8

CLG-W10 and CLG-W12

Please view Page 37 for full details of the Climate Garden System subwoofers.



Custom Subwoofers

Designed to perfectly complement our In-Ceiling and In-Wall speakers, the Custom Subwoofer range brings added bass reach, yet demands little in the way of footprint. Choose from our ultra-compact free-standing, In-Ceiling or In-Wall models.

In-Wall

Our In-Wall Subwoofer design marries the IWS-10 subwoofer driver, IWA-250 amplifier, and IWB-10 black box. Use the IWS-10 model in a range of ceiling, floor, and In-Wall locations, ideally – but not exclusively – with its IWB-10 back box.



IWB-10 (In-Wall Back Box)



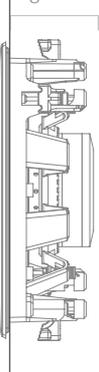
85 mm
3¹¹/₃₂"



IWS-10



90 mm
3¹/₂"



| | |
|----------------------------|--|
| Sensitivity (1W@1m) | 86 dB |
| Cut Out Dimensions (H x W) | 280 x 280 mm / 11 x 11" |
| Mounting Depth | 90 mm / 3 ¹ / ₂ " |
| Power Handling (RMS) | 150 W |
| Impedance | 8 Ohms |
| Driver Size & Technology | 10" C-CAM RDT driver Less than 4" mounting depth Ideally but not exclusively pairs with its IWB-10 back box Patented Tri-Grip mounting clamps |
| Back Box | IWB-10 (In-Wall Back Box) |

IWB-10 shown with installed IWS-10 and grille

Overall Dimensions (H x W x D) :
850 x 351 x 85 mm / 33¹/₂ x 13¹³/₁₆ x 3¹¹/₃₂"
Internal volume 16.5 L

Designed to provide optimum performance for IWS-10
Fits into standard 14" stud bays (16" centres)
Reduces the radiation of sound to adjacent rooms
Heavy duty MDF construction
Rugged laminated vinyl finish
Pre-wired with external high quality push type terminals
Supplied with mounting brackets for installation

IWA-250 Amplifier



| | |
|--------------------------------|--|
| Input Impedance | > 20 K Ohms |
| Overall Dimensions (H x W x D) | 43.7 x 432 x 263 mm 1 ³ / ₄ x 17 x 10 ³ / ₈ " |
| Technology | Heavy-duty 1U rack mount case Will power single or dual IWS-10s Switch mode power supply DSP controlled with advanced limiters <0.5 W standby power consumption (ErP certified) DC short circuit protection, over-current and thermal protection Supplied with rack mounting brackets for installation |
| Amplifier Power Output | 250 W @ < 1% THD+N |
| Amplifier Classification | Class D amplifier with Switch mode power supply (SMPSU) |

IWA-250 Amplifier

Designed to work with the IWS-10 subwoofer, the IWA-250 switch mode amplifier is a slim, powerful design in a robust 1U rack mount case. Delivering up to 250 W into 4 ohms, the IWA-250 has input signal sensing, or is triggered from an AVR or other system source.



Custom Subwoofers

Designed to perfectly complement our In-Ceiling and In-Wall speakers, the Custom Subwoofer range brings added bass reach, yet demands little in the way of footprint. Choose from our ultra-compact free-standing, In-Ceiling or In-Wall models.



Free Standing

CW8 and CW10

The ultra-compact CW8 and CW10 subwoofers generate amazingly distinct bass from remarkably inconspicuous enclosures.

CW8

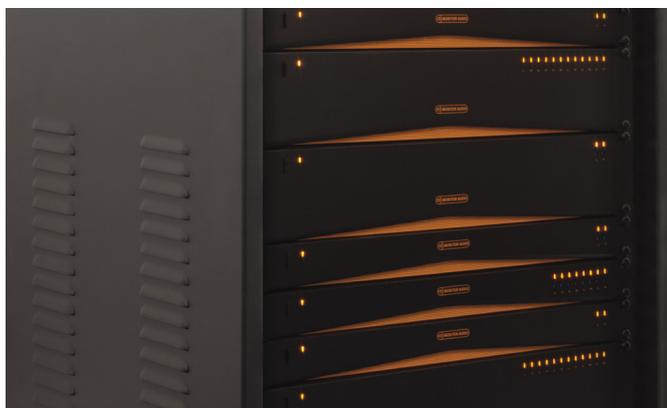


CW10



| | | |
|--------------------------------|---|--|
| Input Impedance | > 20 K Ohms | > 20 K Ohms |
| Cabinet Dimensions (H x W x D) | 270 x 260 x 276 mm 10 ^{5/8} x 10 ^{1/4} x 10 ^{7/8} " | 315 x 305 x 320 mm 12 ^{3/8} x 12 x 12 ^{5/8} " |
| Driver Size | 8" C-CAM long throw driver 2 x 8" ABRs | 10" C-CAM long throw driver 2 x 10" ABRs |
| Technology | Two, side mounted ABRs (Auxiliary bass radiators) to increase output and reduce distortion Tuned for High SPL and impact IR sensor for remote control (Published feature codes) RS-232 for integration with system controllers (Published feature code) USB P.C. application for full feature adjustment and installer set-up LFE Balanced XLR Input and unbalanced RCA Stereo RCA line level inputs Phase and power mode switches Auto standby (signal sensing) and 12 V trigger 4 pre-set EQ's optimised for: Flat, Music, Movie and Impact with customisation using application Robust metal mesh grille Rigid MDF cabinet construction with durable vinyl finish | |
| Amplifier Power Output | 350 W RMS @ < 1% THD+N | 400 W RMS @ < 1% THD+N |
| Amplifier Classification | Class D amplifier with switch mode power supply (SMPSU) | Class D amplifier with switch mode power supply (SMPSU) |

Streamers and Amplifiers



Monitor Audio's custom Installation Amplifiers and Music Streamers have slimline dimensions and use class-leading audio technology to create a superior musical performance.

They are quick and easy to install, and their discreet form ensures they use the minimum amount of space. With a choice of sizes, inputs, outputs and power options, there is a Monitor Audio amplifier for every situation. The IMS-4 Music Streamer is the perfect partner for our amplifiers. Using BluOS™ technology, it can play digital music in up to four separate zones.

All of the models in our Installation Amplifier and Streamer family deliver the great sound and reliability you would expect from Monitor Audio.

Rack Mounted / Free Standing

IMS-4



| | |
|---------------------------------------|--|
| Rooms | 4 |
| Rated Distortion | <0.005% |
| Signal-to-Noise Ratio | 110 dBA |
| Sample Rate | 32 – 192 kHz |
| Bit Depth | 16 – 24 |
| Inputs | Analogue, S/PDIF, USB, +12V Trigger IN, IR Input, System Interrupt |
| Outputs | Analogue, S/PDIF, +12V Trigger Out |
| Rack Height | 1U |
| Dimensions (With feet) (H x W x D) | 45 x 438 x 236 mm 1 13/16 x 17 1/4 x 9 5/16" |
| Width (Including rack brackets) | 482 mm / 19" |

The IMS-4 music streamer is the latest addition to our range of superior custom install solutions. Its discreet design and slimline form ensure that it occupies just 1U of rack space.

Its BluOS™ technology and controller app allow easy access to music libraries, streaming services and it can be voice controlled using Alexa, Google Assistant or Siri. BluOS also allows the IMS-4 to stream lossless music at a quality of up to 24-bit/192 khz to four zones in a home network. Accessed through the app, or one of the many supported integrated control systems, multiple IMS-4 streamers can be combined to provide up to 64 zones, with each zone able to play together in perfect sync. The IMS-4 can also simultaneously play different streams to separate zones – it truly is a versatile music streamer.



IMS-4 Features:

- Featuring BluOS™ multi-room streaming technology
- With four separate zones, different music can be streamed to four different rooms or areas
- Allows streaming of lossless music with MQA authentication up to 24-bit/192 kHz to every room in a home network
- Compatible with other BluOS™ enabled devices
- Can be integrated with other BluOS devices to provide up to 64 zones of music, with each zone able to play together in perfect sync or to simultaneously play different streams to separate zones
- Easy access to music libraries and streaming from music services
- Access offline local media such as hard drives or CD players and connect to media servers using the analogue RCA, digital optical, USB and ethernet inputs to play across zones
- Its BluOS technology and controller app allow easy access to music libraries, streaming services and voice control using Alexa, Google Assistant or Siri
- Can be partnered with Monitor Audio's range of Installation Amplifiers
- Integration with home automation services such as Crestron, Control4, RTI and other BluOS devices
- Controllable using the BluOS Controller app for iOS, Android, MacOS and Windows
- Includes a system interrupt feature to let doorbells and fire alarms be heard
- Occupies just 1U rack space
- Compatible with Apple AirPlay 2



This IMS-4 supports AirPlay 2 and requires iOS 11.4 or later.

BluOS Controller App



Instructional videos available, scan the QR code or visit:
vimeo.com/monitoraudio/ims-4



Streamers and Amplifiers



Amplifier Features:

Power Switch – Front panel mounted

Status LED – Indicating standby, power on or protect modes

Signal LED's – Indicating a signal is present at each channel independently. It will also indicate clipping

Power Options – Trigger input – 3 – 30 V AC or DC. A trigger output provides signal for additional amplifiers or other equipment.

Audio – Auto signal sensing or permanently on

Speaker Connections – Industry standard removable block connectors accepts up to 12 gauge (3.5 mm²) cable

Rack Mounted / Free Standing

IA150-2



| | | |
|--|---|-------------|
| 'Connect' IP control | No | |
| Channel Number | 2 (1 Stereo Pair) | |
| Power (W / Channel) | 4 Ohms | 150 W |
| | 8 Ohms | 100 W |
| | Bridge (8 Ohms) | 320 W (1CH) |
| | 70V | N/A |
| Input Impedance | 20 K Ohms | |
| Output Impedance (Loop RCA) | 600 Ohms | |
| Input Sensitivity | 100 mV / 1 W – 1000 mV – Full power | |
| Rack Height | 1U | |
| Dimensions (Without feet) (H x W x D) | 42.4 x 438 x 427 mm | |
| | 1 ¹¹ / ₁₆ x 17 ¹ / ₄ x 16 ¹³ / ₁₆ " | |
| Height (With feet) | 52.8 mm / 2 ¹ / ₁₆ " | |
| Width (Including rack brackets) | 482 mm / 19" | |

Monitor Audio amplifiers are built to do more and use less space. Our amplifiers offer full connectivity with simple wired voltage trigger or signal sense. The IA150-2 powers a stereo pair, with rear panel-located volume adjustment for each channel. Just 42 mm high, 438 mm wide, and 427 mm deep, the handsome case houses world renowned Hypex amplifiers, selected by us to guarantee reliability and the great sound quality the world has come to expect from Monitor Audio.

IA60-12



| | | |
|--|--|-------------|
| 'Connect' IP control | No | |
| Channel Number | 12 (6 Stereo Pairs) | |
| Power (W / Channel) | 4 Ohms | 60 W |
| | 8 Ohms | 45 W |
| | Bridge (8 Ohms) | 100 W (6CH) |
| | 70V | N/A |
| Input Impedance | 20 K Ohms | |
| Output Impedance (Loop RCA) | 600 Ohms | |
| Input Sensitivity | 100 mV / 1 W – 700 mV – Full power | |
| Rack Height | 2U | |
| Dimensions (Without feet) (H x W x D) | 86.8 x 438 x 427 mm | |
| | 3 ⁷ / ₁₆ x 17 ¹ / ₄ x 16 ¹³ / ₁₆ " | |
| Height (With feet) | 97.2 mm / 3 ¹³ / ₁₆ " | |
| Width (Including rack brackets) | 482 mm / 19" | |

The IA60-12 powers up to 12 channels (six stereo pairs) and is configurable between 6 – 12 channels. Employing Hypex amplifier technology, this model assimilates our unrivalled experience of the custom installation sector to serve an audio engine ready to excel in your project.

IA150-2 / IA60-12 Additional Features

Volume Level Controls – Each channel on the amplifier has a volume adjustment on the rear panel

IA150-2 – Both Line Inputs and Loop Outputs – To connect other amplifiers/equipment

IA60-12 – Bus Inputs A/B and Loop Outputs –

Loop outputs are non buffered (maximum number of amplifiers that can be looped together will depend on the output capability of your source component)



'Connect' Amplifiers

'Connect' IP interface

IA800-2C / IA200-2C / IA150-8C

Our 'Connect' IP interface is a web application, which can be accessed by any device with a web browser connected to the same network as the 'Connect' amplifier. This will allow the installer to set features and fine tune audio performance remotely from the amplifier location. The installer can therefore be in the same room as the speakers when performing these tasks.



Works with:



Instructional videos available, scan the QR code or visit: vimeo.com/monitordaudio/ci-amps



IA800-2C



| | | |
|---------------------------------------|--|--------------|
| 'Connect' IP control | Yes | |
| Channel Number | 2 (1 Stereo Pair) | |
| Power (W / Channel) | 4 Ohms | 800 W |
| | 8 Ohms | 500 W |
| | Bridge (8 Ohms) | 2000 W (1CH) |
| | 70V | 800 W (2CH) |
| Input Impedance | 20 K Ohms | |
| Output Impedance (Loop RCA) | 600 Ohms | |
| Input Sensitivity | 100 mV / 1 W – 2200 mV – Full power | |
| Rack Height | 2U | |
| Dimensions (Without feet) (H x W x D) | 86.8 x 438 x 427 mm 3 ^{7/16} x 17 ^{1/4} x 16 ^{13/16} " | |
| Height (With feet) | 97.2 mm / 3 ^{13/16} " | |
| Width (Including rack brackets) | 482 mm / 19" | |

The IA800-2C is part of our 'Connect' Amplifiers division, bringing our Connect IP interface, a web application which can be accessed by any device connected to the internet with a web browser on the same network. Fluently delivering up to 800 W per channel, this two-channel engine can directly drive 70 V line speakers without a line matching transformer.

IA200-2C



| | | |
|---------------------------------------|---|-------------|
| 'Connect' IP control | Yes | |
| Channel Number | 2 (1 Stereo Pair) | |
| Power (W / Channel) | 4 Ohms | 200 W |
| | 8 Ohms | 150 W |
| | Bridge (8 Ohms) | 470 W (1CH) |
| | 70V | N/A |
| Input Impedance | 20 K Ohms | |
| Output Impedance (Loop RCA) | 600 Ohms | |
| Input Sensitivity | 100 mV / 1 W – 1230 mV – Full power | |
| Rack Height | 1U | |
| Dimensions (Without feet) (H x W x D) | 42.4 x 438 x 427 mm 1 ^{11/16} x 17 ^{1/4} x 16 ^{13/16} " | |
| Height (With feet) | 52.8 mm / 2 ^{1/16} " | |
| Width (Including rack brackets) | 482 mm / 19" | |

The IA200-2C Installation Amplifier offers high power levels, supplying up to 200 W per channel at four Ohms. A member of our 'Connect' Amplifiers family, it employs our Connect IP interface, a web application which can be accessed by any device connected to the internet with a web browser on the same network.

IA150-8C



| | | |
|---------------------------------------|---|-------------|
| 'Connect' IP control | Yes | |
| Channel Number | 8 (4 Stereo Pairs) | |
| Power (W / Channel) | 4 Ohms | 150 W |
| | 8 Ohms | 140 W |
| | Bridge (8 Ohms) | 300 W (4CH) |
| | 70V | N/A |
| Input Impedance | 20 K Ohms | |
| Output Impedance (Loop RCA) | 600 Ohms | |
| Input Sensitivity | 100 mV / 1 W – 1140 mV – Full power | |
| Rack Height | 1U | |
| Dimensions (Without feet) (H x W x D) | 42.4 x 438 x 427 mm 1 ^{11/16} x 17 ^{1/4} x 16 ^{13/16} " | |
| Height (With feet) | 52.8 mm / 2 ^{1/16} " | |
| Width (Including rack brackets) | 482 mm / 19" | |

The IA150-8C enables up to eight (four stereo pairs) channels of 150 W of power at four Ohms. It'll fit 1U rack height and, as a member of the Monitor Audio 'Connect' division, it employs our 'Connect' IP interface, a web application which can be accessed by any device connected to the internet with a web browser on the same network.

'Connect' Amplifiers Additional Features

Higher power levels

Volume Level Controls – Each channel on the amplifier has a volume adjustment on the front panel

'Connect' – IP control is via the RJ-45 input. IP controls power On/Off, volume, muting and input source selections for either global control or group control

IR Control – In/Out jacks. IR controls global On/Off, group volume, muting and input source selections. Connectivity can be seen with IR status light

IA800-2C – Can drive 70 V line speakers directly without a line matching transformer



Streamers and Amplifiers

Compact – Mounted / Free Standing

IA40-3

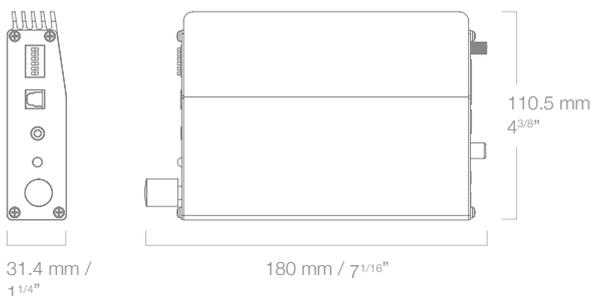


| | | |
|--|---|--|
| 'Connect' IP control | RS232 | |
| EQ dip switches apply a 3 dB boost | 120 Hz, 1500 Hz, and 8 kHz | |
| Channel Number | 3 | |
| Power (W / Channel) | 4 Ohms @ 1 kHz | 60 W @ 1% THD+N for 2 Channel 40 W @ 1% THD+N for 3 Channel |
| | 8 Ohms @ 1 kHz | 50 W @ 1% THD+N for 2 Channel 30 W @ 1% THD+N for 3 Channel |
| | 70V | N/A |
| Input Impedance | 10 K Ohms Unbalanced | |
| Output Impedance (Loop RCA) | 1.47 K Ohms | |
| Input Sensitivity | ~300 mV – Full Power | |
| Dimensions (Excluding Mounting Brackets and Antenna (H x W x D)) | 31.4 x 180 x 110.5 mm 1 ^{1/4} x 7 ^{1/16} x 4 ^{3/8} " | |
| Dimensions (Including Mounting Brackets (H x W x D)) | 32.6 x 196 x 182.5 mm 1 ^{5/16} x 7 ^{11/16} x 7 ^{3/16} " | |
| Bluetooth® / Dolby Audio | Yes | |

Amplifier Features:

- Amplifier solution ideal for localised audio applications when paired with Monitor Audio speakers
- Switchable between 3 channels at 40 W or 2 channels at 60 W with or without an active subwoofer, allowing for a wide range of applications
- Ideally paired with Monitor Audio passive soundbars or, for a more discreet solution, to Monitor Audio's extensive range of in-wall and in-ceiling speakers
- Optical input with Dolby Audio (Dolby Digital) allowing for a true 3.1 system and easy connection to a television
- Bluetooth® wireless technology powered by Qualcomm® aptX™ – for the highest quality connection to mobile devices
- 3.5 mm analogue input
- Switchable line output, or filtered active subwoofer output to create a 3.1 system
- RS232 connection for automation configuring opportunities
- External IR sensor, which can learn volume controls from the TV's remote control to allow for a discreet or hidden mounting location and simple operation
- Bespoke aluminium enclosure with integrated heat sink
- Mounting brackets included with flexible break off sections for maximum installation versatility. Ideal for mounting to a TV, stand, wall or cabinet, should it be required.

The IA40-3 discreet amplifier is a highly versatile unit and features digital, analogue and Bluetooth® inputs with Dolby Audio (Dolby Digital) for maximum flexibility. Designed for modern living, the IA40-3 is a versatile solution, ideal for smaller environments. Pairing perfectly with two In-Ceiling speakers and an optional subwoofer, it also works beautifully with Monitor Audio's smaller bookshelf speakers and passive soundbars.



Instructional videos available, scan the QR code or visit:

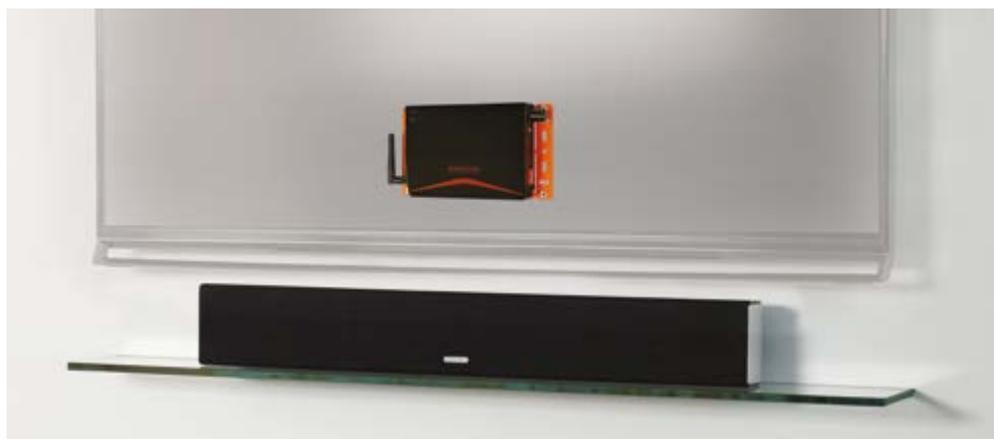
monitoraudio.com/en/ia40-3-videos/



DOLBY AUDIO™ **Bluetooth®** **Qualcomm® aptX™**

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Soundbars



Free Standing / On-Wall

Add powerful audio to your TV experience. Our high-performance range of passive soundbars fits a range of screen sizes, complete with contemporary lifestyle design and first-class finish.



SB-3 shown without outer cloth (For visual purposes only)

SB-2

Engineered for seamless integration with 50 – 60" TVs, the SB-2 passive soundbar houses three separate driver arrays – one each for left, centre, and right channels – in a single cabinet. Just add an AV amplifier and, to further enhance audio performance in larger rooms, partner with one of our muscular subwoofers.



SB-2
suitable with 50" – 60" Screens



BSB
Wall bracket available

SB-3

Monitor Audio engineered the SB-3 passive soundbar for seamless integration with 60 – 70" TVs. At just 1310 mm wide, we've applied our speaker design know-how to create three separate driver arrays within the elegant cabinet. In larger rooms, you can add a partnering Monitor Audio subwoofer. With or without a subwoofer, the SB-3 effortlessly transforms your entertainment experience, working its wonders with gaming as well as movies and TV shows.



SB-3
suitable with 60" – 70" Screens



SB-4
suitable with 70"+ Screens

SB-4

The largest model in our passive soundbar range, we've designed the SB-4 to provide a visually balanced audio solution for 70" TVs and beyond. Compatible with SANUS TV mounting systems, when looking for the ideal passive soundbar for installers, we've got the answer.

| | SB-2 | SB-3 | SB-4 |
|---------------------------------------|---|--|---|
| Sensitivity (1W@1m) | 84 dB | Left and Right Channels: 84 dB Centre Channel: 87 dB | 87 dB |
| Power Handling (RMS) | 40 W | Left and Right Channels: 40 W Centre Channel: 80 W | 80 W |
| Driver Size & Technology | 3 x 4" C-CAM cone bass/ mid drivers 3 x 1" C-CAM Gold Dome tweeters 3 x ABRs (Auxiliary bass radiator) Loading | 4 x 4" C-CAM cone bass/mid drivers 3 x 1" C-CAM Gold Dome tweeters 4 x ABRs (Auxiliary bass radiator) Loading | 6 x 4" C-CAM cone bass/ mid drivers 3 x 1" C-CAM Gold Dome tweeters 4 x ABRs (Auxiliary bass radiator) Loading |
| Dimensions (H x W x D) (With feet) | 147 x 1107 x 93 mm 5 ^{13/16} x 43 ^{9/16} x 3 ^{11/16} " | 147 x 1307 x 93 mm 5 ^{13/16} x 51 ^{7/16} x 3 ^{11/16} " | 147 x 1562 x 92 mm 5 ^{13/16} x 61 ^{1/2} x 3 ^{5/8} " |
| Suitable for display sizes | 50" – 60" | 60" – 70" | 70"+ |
| On-Wall Bracket (optional) | BSB | BSB | BSB |

SoundFrames



In-Wall / On-Wall

SoundFrame speakers can co-ordinate beautifully with any room design, incorporating audio into your interior designs. Our high performance speakers have been disguised to look like stylish picture frames that would grace any home's decor. Once you have decided upon your speaker set-up requirements and chosen the unit's base colour (black or white), complete the process with your choice of grille.

A specialised cloth has been stretched over a wooden frame template to create a grille, this grille replaces the canvas area of a standard picture frame. Standard black or white grilles come with your product

but the specialised cloth can be customised to any taste. Choose an additional image grille or colour from our Grille Gallery, or for the ultimate custom effect why not have your own design printed onto your grilles all without effecting the performance of the sound quality.

If the outer picture frames don't match your decor why not choose our additional Frameless option where the supplied outer frame and grille of your SoundFrame are replaced by an edgeless larger grille?

See pages 44 and 45 for further information.



When ordering your SoundFrame state if you require the In-Wall or On-Wall options. Order Black Gloss or White Gloss finish.

| | SoundFrame 1 | SoundFrame 2 | SoundFrame 3 |
|--|---|---|--|
| Sensitivity (1W@1m) | 86 dB | 86 dB | 85 dB |
| In-Wall Cut Out Dimensions (H x W) | 501 x 351 mm 19 ^{11/16} x 13 ^{3/4} " | 751 x 201 mm 29 ^{1/2} x 7 ^{7/8} " | 251 x 251 mm 9 ^{7/8} x 9 ^{7/8} " |
| In-Wall Mounting Depth | 75 mm / 2 ^{15/16} " | 75 mm / 2 ^{15/16} " | 59.5 mm / 2 ^{5/16} " |
| In-Wall Overall Dimensions (H x W x D) | 552 x 402 x 88.25 mm 21 ^{3/4} x 15 ^{13/16} " x 3 ^{1/2} " | 802.5 x 252.5 x 87.5 mm 31 ^{5/8} x 9 ^{15/16} " x 3 ^{7/16} " | 301.5 x 301.5 x 77.5 mm 11 ^{7/8} x 11 ^{7/8} " x 3 ^{1/16} " |
| On-Wall Overall Dimensions (H x W x D) | 540 x 390 x 87.5 mm 21 ^{1/4} x 15 ^{3/8} x 3 ^{7/16} " | 790 x 240 x 87.5 mm 31 ^{1/8} x 9 ^{7/16} x 3 ^{7/16} " | 289 x 289 x 77.5 mm 11 ^{3/8} x 11 ^{3/8} x 3" |
| Power Handling (RMS) | 100 W | 100 W | 50 W |
| Impedance | 8 Ohms | 8 Ohms | 8 Ohms |
| Driver Size & Technology | 6 ^{1/2} " C-CAM RST driver Pivoting IDC module (4" C-CAM RST inverted mid-range driver, 1" C-CAM Gold Dome tweeter) HF Control | 6 ^{1/2} " C-CAM RST driver Pivoting IDC module (4" C-CAM RST inverted mid-range driver, 1" C-CAM Gold Dome tweeter) HF Control | 4" C-CAM driver 1" C-CAM pivoting Gold Dome tweeter |

SoundFrame 1

With its wonderful sound and effortlessly stylish design, the SoundFrame 1 speaker is a solution for all. Adopting the aspect of a typical portrait picture frame, the Monitor Audio SoundFrame 1 is available in both In-Wall and On-Wall formats.

SoundFrame 2

The SoundFrame 2 is the longer, centre channel of the range. As pretty as a picture, you can place it horizontally or vertically, depending on the system layout. Incredibly, it is just 87 mm deep, yet houses our pivoting IDC module – 25 mm C-CAM Gold Dome tweeter, and 4" C-CAM RST inverted mid-range driver – with a 6.5" C-CAM bass driver with RST cone.

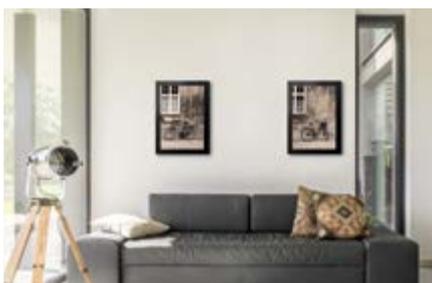
SoundFrame 3

The most compact of our super-stylish SoundFrame series, the SoundFrame 3 comes in both In-Wall and On-Wall structures. Use it on its own, or assign to it rear speaker duties as part of a SoundFrame room system. A two-way configuration, equipped with a pivoting 25 mm Gold Dome tweeter and 4" C-CAM mid-range driver, this little ported box packs a sonic and design punch.



Finishes :
Black Gloss and
White Gloss

SoundFrames



SoundFrame 1

Images above show additional customised grilles



SoundFrame 2

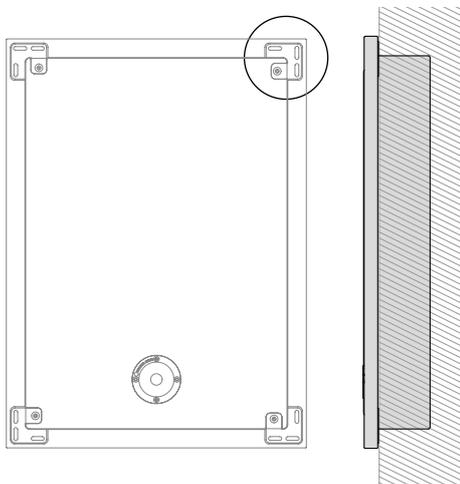


SoundFrame 3

In-Wall

In-Wall fixings

Product fixed into wall using corner brackets



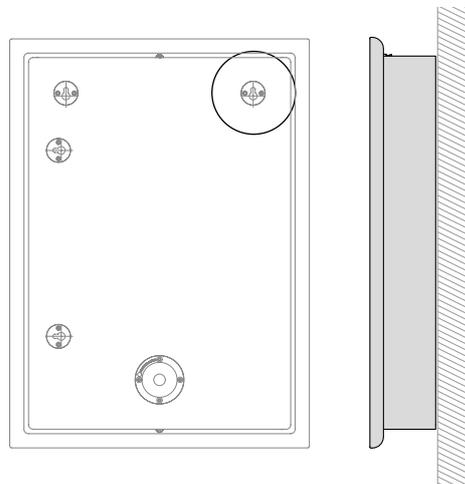
Grille removed



On-Wall

On-Wall fixings

Product hangs on wall via keyhole fixings



Exploded view

Frame and grille attached using pegs and sockets



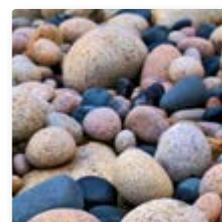
Cabinet

Frame

Grille



Vertical or horizontal orientation



Images above show examples of additional customised SoundFrame 3 Frameless grilles



Explanation video available, scan the QR code or visit: vimeo.com/monitoraudio/soundframe

SoundFrames

Customise your SoundFrame Grilles

Ordering from the additional Grille Gallery

We have chosen a gallery of grille images and colours to choose from which can be used on all three models of SoundFrame, they are shown in the Gallery overviews displayed by product size. Simply jot down the reference number shown below your chosen grille(s) in the gallery and order them from your local Monitor Audio dealer. Though some grilles are shown in pairs, they're individually numbered, so you can order the combination of images or colours that's right for you. State if you require Framed or Frameless when ordering.

Commissioning an additional Bespoke Grille

If you would like to use your own design for your SoundFrame grille; a favourite photo or your own artwork, (provided you have the rights to use it) please supply your local Monitor Audio dealer with a print-ready image, which will then be printed onto your SoundFrame grille and supplied by your dealer. Please note that any design will need to fit the shape and size of the selected SoundFrame with enough additional image around its sides to be able to wrap around the wooden frame template.

Additional Frameless Grille

If the outer picture frames don't match your decor why not choose our additional Frameless option where the supplied outer frame and grille of your SoundFrame are replaced by an edgeless larger grille?



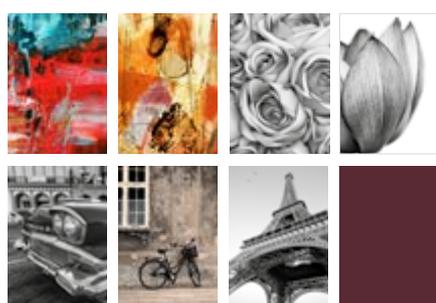
Library Grille



Bespoke Grille



Frameless Grilles



This shows a small selection of our gallery of grilles, there is a different selection for the three sizes of SoundFrame. For an overview please scan the QR code or visit: bit.ly/soundframe-grilles

Please contact your local dealer to place an order for a bespoke grille. There are file specifications in place to achieve best results please only use high resolution images.

The larger Frameless grilles replace both the grille and frame to give the impression of an edgeless image. Plain Black or White options also available.



When ordering your customised SoundFrame grille, state which image you require, which size of SoundFrame and if you prefer the Framed or Frameless option.

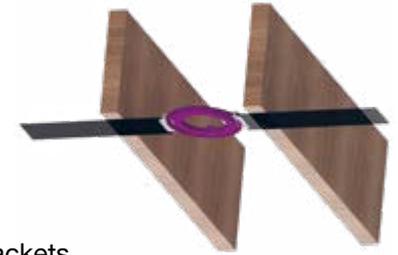
Accessories

As any installer knows, the devil is in the detail.

Our extensive Accessories offering leaves no detail untouched, covering pre-construction brackets for In-Ceiling and In-Wall applications, as well as a selection of back boxes – In-Ceiling Concrete, In-Ceiling MDF, and In-Wall Concrete. We also offer product specific back boxes, premium and square grilles for our numerous In-Ceiling speaker models.

Pre-Construction Brackets

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



In-Ceiling Pre-Construction Brackets

CB4

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CB5

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CB6

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| CS180 | 12 |
| CSS230 | 13 |
| CP-CT150 | 15 |
| AWC265 | 30 |
| AWC265-T2 | 30 |

CB8

| CB8 | Page |
|-----------|------|
| C180 | 9 |
| C180-T2 | 9 |
| C280 | 9 |
| C280-IDC | 9 |
| C380-IDC | 9 |
| C380-FX | 9 |
| CP-CT260 | 15 |
| PRO-80 | 28 |
| AWC280 | 30 |
| AWC280-T2 | 30 |

CB10

| CB10 | Page |
|-------------|------|
| CP-CT380 | 15 |
| CP-CT380IDC | 15 |
| PLIC II | 21 |

PRO-IC65 Bracket

| PRO-IC65 | Page |
|----------|------|
| PRO-65 | 28 |

CB8-LV

| CB8-LV | Page |
|----------|------|
| PRO-80LV | 28 |

CB8-LVK

| CB8-LVK | Page |
|----------|------|
| PRO-80LV | 28 |

In-Wall Pre-Construction Brackets

WB3

| WB3 | Page |
|--------|------|
| WSS130 | 14 |
| WSS230 | 14 |
| WSS430 | 14 |

WB6

| WB6 | Page |
|----------|------|
| W165 | 10 |
| W265 | 10 |
| CP-WT150 | 16 |

WB8

| WB8 | Page |
|----------|------|
| W180 | 11 |
| W280 | 11 |
| W280-IDC | 11 |
| W380-IDC | 11 |
| CP-WT260 | 16 |

WB10

| WB10 | Page |
|-------------|------|
| CP-WT380 | 16 |
| CP-WT380IDC | 16 |

On-Wall Bracket

BSB

| BSB (Soundbars) | Page |
|-----------------|------|
| SB-2 | 45 |
| SB-3 | 45 |
| SB-4 | 45 |

WB12

| WB12: | Page |
|-----------|------|
| CP-IW260X | 19 |
| CP-IW460X | 19 |

WB4LCR

| WB4LCR | Page |
|-------------|------|
| CP-WT140LCR | 17 |
| CP-WT240LCR | 17 |

WB5LCR

| WB5LCR | Page |
|----------|------|
| W150-LCR | 10 |
| W250-LCR | 10 |

WBIV140

| WBIV140 | Page |
|---------|------|
| IV140 | 26 |

Accessories Images Not To Scale

Back Boxes

In-Ceiling Concrete

CCBOX-R



Overall dimensions:
330 x 330 x 125 mm / 13 x 13 x 4^{15/16}"
Internal depth (max.): 115 mm / 4^{1/2}"
Internal volume 6.31 L

CCBOX-L



Overall dimensions:
330 x 330 x 165 mm / 13 x 13 x 6^{1/2}"
Internal depth (max.): 155 mm / 6^{1/8}"
Internal volume 8.9 L

Prior to pouring a concrete ceiling the CCBOX-R (regular) or CCBOX-L (large) allow you to create a placeholder ready for In-Ceiling speakers to be installed. They are lightweight and at the same time offer a robust stability with excellent shock absorption features. Three cut out sizes offer unlimited possibilities, with two side cut outs allow for best possible handling of electronic ductwork (20 mm + 25 mm). Better insulation with airborne and structure-borne noise compared to conventional In-Ceiling systems. Installation components provided so that all conventional speaker systems will fit perfectly.



Installation Guide video available, scan the QR code or visit:

vimeo.com/monitoraudio/ccbox



In-Ceiling MDF

CMBOX-R



Overall dimensions:
300 x 350 x 160 mm / 11^{13/16} x 13^{3/4} x 6^{5/16}"
Internal volume 12.2 L

The CMBOX-R (regular) is a Back Box made of MDF, which allows you to install speakers from our Core, Slim and All Weather ranges into the ceiling. Comes with Small and Large Ring (fitted) adapters, which can also be removed.



No Ring 250 mm



Large Ring (Fitted) 218 mm



Small Ring 173 mm

In-Ceiling Concrete

| CCBOX-R | |
|-----------|------|
| Models | Page |
| C165 | 8 |
| C165-T2 | 8 |
| C265 | 8 |
| CS140 | 12 |
| CS160 | 12 |
| CS180 | 12 |
| AWC265 | 30 |
| AWC265-T2 | 30 |

| CCBOX-L | |
|-----------|------|
| Models | Page |
| C265-IDC | 8 |
| C265-FX | 8 |
| C180 | 9 |
| C180-T2 | 9 |
| C280 | 9 |
| CP-CT150 | 15 |
| CP-CT260 | 15 |
| AWC280 | 30 |
| AWC280-T2 | 30 |

In-Ceiling MDF

| CMBOX-R | |
|---------------------|------|
| No Ring | Page |
| C180 | 9 |
| C180-T2 | 9 |
| C280 | 9 |
| C280-IDC | 9* |
| C380-IDC | 9* |
| C380-FX | 9* |
| AWC280 | 30 |
| AWC280-T2 | 30 |
| Large Ring (Fitted) | Page |
| C165 | 8 |
| C165-T2 | 8 |
| C265 | 8 |
| C265-IDC | 8 |
| C265-FX | 8 |
| CS180 | 12 |
| AWC265 | 30 |
| AWC265-T2 | 30 |
| Small Ring | Page |
| CS160 | 12 |

In-Wall Concrete

WCBOX-L



The WCBOX-L (large) allows you to install In-Wall speakers into concrete or brick walls. With the front and rear Fermacell boards, the WCBOX-L will seamlessly integrate into your installation workflow, enabling a quick and easy processing of the walls surface. The body material is framed by EPS to achieve low resonances and improved sound insulation features. The WCBOX-L is lightweight and at the same time offers a robust stability with excellent shock absorption features.

Overall dimensions: 590 x 435 x 120 mm / 23^{1/4} x 17^{1/8} x 4^{3/4}"
Internal depth (max.): 105 mm / 4^{1/8}"
Cut out dimensions: 387 x 234 mm / 15^{1/4} x 9^{3/16}"
Internal volume 14.8 L



Installation Guide video available, scan the QR code or visit:

vimeo.com/monitoraudio/wcbox

In-Wall Concrete

| WCBOX-L | |
|----------|------|
| Models | Page |
| W180 | 11 |
| W280 | 11 |
| W280-IDC | 11 |
| W380-IDC | 11 |
| CP-WT260 | 16 |

* Indicates product requires minimum 12 mm (1/2") plasterboard/Sheetrock

Product Specific Back Boxes

PLIC-BOX II

Please view Page 21 for full details of the Platinum In-Ceiling II speaker Back Box.



IWB-10 (In-Wall Back Box)

Please view Page 39 for full details of the IWS-10 In-Wall Subwoofer Back Box. IWB-10 shown with installed IWS-10 and grille.



Grilles

Square Grilles

All-round performance in a square.

Designed to suit the latest interior design trends, we offer optional square grilles for some of our In-Ceiling speakers. Please view the table opposite for a list of models and the square grille order codes.

Outer Dimensions (Square):

A: 249 mm / 9^{13/16}"

B: 285 mm / 11^{1/4}"

C: 309 mm / 12^{3/16}"



Premium Grille

PG6-R Premium Grille

The Premium Grille has been designed and developed to add a stylish aesthetic to Monitor Audio Custom Install speakers. The hexagonal pattern dissipates towards the edge of the grille to create a subtle design effect, whilst allowing maximum audio performance from the speaker. Crafted from magnetised stainless steel, the PG6-R Premium Grille offers an instant retro-fit solution.

Each Premium Grille has been chemically etched to create a hexagonal pattern and logo and then finely brushed. A durable high quality PVD coating (Physical Vapour Deposition) is then applied to produce a luxurious satin metal finish. Lastly, the logo has been paint-filled in black for a finishing signature touch.

The Premium Grille has been designed and developed to add a stylish aesthetic to Monitor Audio speaker custom installations.

Key Features:

- Stylish hexagonal pattern – shares a design heritage with Monitor Audio's award-winning Silver Series
- Premium PVD (Physical Vapor Deposition) finish – as used in timepiece manufacture
- Magnetised stainless steel allows rapid installation
- Classic Monitor Audio logo detail
- Ideal for architectural installations or interiors where an exceptional finish is desired

Finish: Silver Mist: brushed silver with a hint of blue to deliver a stylish appearance.

Dimensions: Diameter: 238.6 mm / 9^{3/8}". Height: 7.65 mm / ⁵/₁₆"

| Models | PGR-6 | Page |
|--|-------|------|
| Core | | |
| C165 C165-T2 C265 C265-IDC C265-FX | • | 8 |
| Super Slim | | |
| CSS230 | • | 13 |
| Controlled Performance | | |
| CP-CT150 | • | 15 |



PG6-R Premium Grille
(Sold in packs of 4)

Square and Circular Replacement Grille Order Codes

| In-Ceiling Models | Square Grille Size | Single* Square Grille Part Code | 20 Pack* Square Grille Part Code | Replacement Circular Grille Part Code | Page |
|--|--------------------|---------------------------------|----------------------------------|---------------------------------------|------|
| Core | | | | | |
| C165 C165-T2 C265 C265-IDC C265-FX | A | GCPCT6SQ | G20PKCPCT6SQ | GCI65T | 8 |
| C180 C180-T2 C280 C280-IDC C380-IDC C380-FX | B | GCPCT8SQ | G20PKCPCT8SQ | GCI8T | 9 |
| Slim | | | | | |
| CS140** | - | GCWT4SQ | - | GCWT4R | 12 |
| CS160** | | GCWT6SQ | | GCWT6R | |
| CS180** | | GCWT8SQ | | GCWT8R | |
| Super Slim | | | | | |
| CSS230 | A | GCPCT6SQ | G20PKCT6SQ | GCI65T | 13 |
| Controlled Performance | | | | | |
| CP-CT150 | A | GCPCT6SQ | G20PKCPCT6SQ | GCPCT150 | 15 |
| CP-CT260 | B | GCPCT8SQ | G20PKCPCT8SQ | GCPCT260 | |
| CP-CT380 CP-CT380IDC | C | GCP8SQ | G20PKCP8SQ | GCPCT380 | |
| CPC120 | - | - | - | GCPCT120 (Silver) GCPCT120 (White) | 17 |
| Platinum II | | | | | |
| PLIC II | C | GCP8SQ | G20PKCP8SQ | GCPCT380 | 21 |
| Flush Fit | | | | | |
| CF230*** | - | CFB3SQ | - | CFB3R | 24 |
| Pro | | | | | |
| PRO-65 | - | - | - | GPRO65 | 28 |
| PRO-80 | B | GCPCT8SQ | G20PKCPCT8SQ | GPRO80 | |
| PRO-80LV | - | - | - | GPRO80LV | |
| All Weather | | | | | |
| AWC265 AWC265-T2 | A | GAWC6SQ | G20PKAWC6SQ | GAWC6 | 30 |
| AWC280 AWC280-T2 | B | GAWC8SQ | G20PKAWC8SQ | GAWC8 | |
| Custom Subwoofers | | | | | |
| ICS-8*** | - | CFB3SQ | - | CFB3R | 38 |

NOTES :

* Order quantities are subject to individual account agreements

** All Slim models can be ordered as **round** or **square** grille options

*** CF230 and ICS-8 models require an install kit, **round** or **square** grille options

| In-Wall Models | Replacement Grille Part Number | Page |
|--------------------------------------|--------------------------------|------|
| Core | | |
| W150-LCR W250-LCR | GWTLCRSQ | 10 |
| W165 W265 | GCI65WTSQ | 10 |
| W180 W280 W280-IDC W380-IDC | GCI8WTSQ | 11 |
| Super Slim | | |
| WSS130 WSS230 WSS430 | GSIW | 14 |
| Controlled Performance | | |
| CP-WT150 | GCPWT150 | 16 |
| CP-WT260 | GCPWT260 | |
| CP-WT380 CP-CW380IDC | GCPWT380 | |
| CP-WT140LCR CP-WT240LCR | GCPWTLR | 17 |
| CP-IW260X CP-IW460X | GCPWIX | 18 |
| Platinum II | | |
| PL IN-WALL II | GPIW | 23 |
| Custom Subwoofers | | |
| IWS-10 | GIWS10 | 39 |

Add bookshelf speakers to your installs

Add bookshelf speakers to your project.

Enhance your custom install project with loudspeakers from Monitor Audio and choose one of our complementary specialist mounts, designed for easy and secure installation.

Visit monitoraudio.com/bookshelf for more information on our speaker ranges.



Speaker Mounts

MASM



MASM is the ideal fixing solution for users looking to free up floor or desk space. It allows our speakers to be placed on the wall and features a rotating ball joint connection to give varied directional positioning. **Finishes:** Black / White / Silver

Overall dimensions with short arm:
Dia. 90.9 x 68.1 mm / Dia. 3⁹/₁₆ x 2¹¹/₁₆"

Overall dimensions with long arm:
Dia. 90.9 x 136.1 mm / Dia. 3⁹/₁₆ x 5³/₈"

Compatible with

| |
|---|
| MASM |
| Models |
| Radius 90 |
| Radius 45 |
| MASS Satellite |
| Other manufacturers' smaller speakers with an insert which is able to accept 1/4" 20 TPI UNC thread |



FIX-M



Monitor Audio's FIX-M speaker mount is designed for our middleweight speakers. FIX-M provides a strong wall mount solution, which enables speakers to be placed in a wide range of set positions and at matching angles, to ensure perfect sound dispersion. Three angles are set at 0, 15 and 30 degrees from centre, short and long insert arms are included, further increasing mounting options. The front section of the speaker mount can also be rotated,

multiplying the configuration options off axis to give up to 14 typical positions. Installation is neatly achieved via a hexagonal plate behind the front of the speaker mount, which slots positively into set positions, displayed externally via indicator marks to its perimeter. Once you're happy with the installation, the Snap Fit Clip should be inserted in the top of the speaker mount to completely secure the install. **Finishes:** Black / White

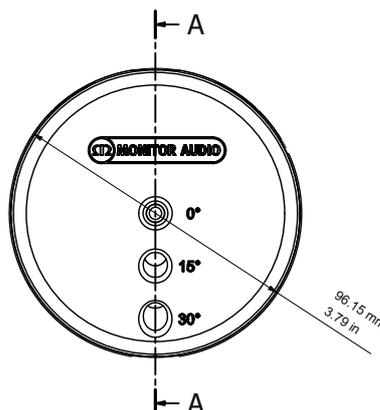
Compatible with

| |
|--|
| FIX-M |
| Models |
| Monitor 50 |
| Bronze 50 |
| Radius 90 |
| Radius 45 |
| MASS Satellite |
| Other manufacturers' medium speakers with an insert which is able to accept 1/4" 20 TPI UNC thread |



Overall dimensions with short arm:
Dia. 96.2 x 79.3 mm
Dia. 3¹³/₁₆ x 3¹/₈"

Overall dimensions with long arm:
Dia. 96.2 x 128.8 mm
Dia. 3¹³/₁₆ x 5¹/₁₆"



Installation Guide video available, scan the QR code or visit: vimeo.com/monitoraudio/fix-m



SPECIFICATIONS

These specifications are supplied to aid installers to select which product is the best fit for their project.

All Monitor Audio Custom Install products have CAD files available, ideal for architectural drawings.

These can be found along with individual product or range information on our website. [Click on a product to find out more.](#)

| Category | Core In-Ceiling | | | | | | | | | | |
|---------------------------------------|--|---|---|--|--|---|---|---|--|--|--|
| Application | In-Ceiling | | | | | | | | | | |
| Model Name | C165 | C165-T2 | C265 | C265-IDC | C265-FX | C180 | C180-T2 | C280 | C280-IDC* | C380-IDC* | C380-FX* |
| Page | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 |
| Sensitivity (1W@1m) | 88.5 dB | 88.5 dB | 88.5 dB | 88.5 dB | 88.5 dB | 90 dB | 90 dB | 90 dB | 90 dB | 90 dB | 90 dB |
| Cut Out Diameter | 211 mm / 8 ^{1/4} " | 211 mm / 8 ^{1/4} " | 211 mm / 8 ^{1/4} " | 211 mm / 8 ^{1/4} " | 211 mm / 8 ^{1/4} " | 247 mm / 9 ^{3/4} " | 247 mm / 9 ^{3/4} " | 247 mm / 9 ^{3/4} " | 247 mm / 9 ^{3/4} " | 247 mm / 9 ^{3/4} " | 247 mm / 9 ^{3/4} " |
| Mounting Depth | 116 mm / 4 ^{9/16} " | 116 mm / 4 ^{9/16} " | 116 mm / 4 ^{9/16} " | 150 mm / 5 ^{7/8} " | 150 mm / 5 ^{7/8} " | 122 mm / 4 ^{13/16} " | 122 mm / 4 ^{13/16} " | 122 mm / 4 ^{13/16} " | 157 mm / 6 ^{3/16} " | 157 mm / 6 ^{3/16} " | 157 mm / 6 ^{3/16} " |
| Overall Depth (With Grille) | 120 mm / 4 ^{3/4} " | 120 mm / 4 ^{3/4} " | 120 mm / 4 ^{3/4} " | 154 mm / 6 ^{1/16} " | 154 mm / 6 ^{1/16} " | 126 mm / 4 ^{15/16} " | 126 mm / 4 ^{15/16} " | 126 mm / 4 ^{15/16} " | 161 mm / 6 ^{5/16} " | 161 mm / 6 ^{5/16} " | 161 mm / 6 ^{5/16} " |
| Overall Diameter (With Grille) | 250 mm / 9 ^{13/16} " | 250 mm / 9 ^{13/16} " | 250 mm / 9 ^{13/16} " | 250 mm / 9 ^{13/16} " | 250 mm / 9 ^{13/16} " | 285 mm / 11 ^{1/4} " | 285 mm / 11 ^{1/4} " | 285 mm / 11 ^{1/4} " | 285 mm / 11 ^{1/4} " | 285 mm / 11 ^{1/4} " | 285mm / 11 ^{1/4} " |
| Power Handling (RMS) | 65 W | 65 W | 75 W | 85 W | 85 W | 120 W | 120 W | 120 W | 120 W | 150 W | 120 W |
| Impedance | 6 Ohms | 6 + 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 + 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 6 ^{1/2} " MMP II driver 1" C-CAM tweeter | 6 ^{1/2} " MMP II driver 2 x 1" C-CAM tweeters | 6 ^{1/2} " C-CAM driver 1" C-CAM tweeter | 6 ^{1/2} " C-CAM driver 4" C-CAM RST driver 1" C-CAM tweeter | 6 ^{1/2} " C-CAM driver 2 x 1" C-CAM tweeters | 8" MMP II driver 1" C-CAM tweeter | 8" MMP II driver 2 x 1" C-CAM tweeters | 8" C-CAM driver 1" C-CAM tweeter | 8" C-CAM driver 4" C-CAM RST driver 1" C-CAM tweeter | 8" C-CAM RST driver 4" C-CAM RST driver 1" C-CAM tweeter | 8" C-CAM RST driver 2 x 1" C-CAM tweeters |
| Frequency Response | 60 Hz – 25 kHz | 60 Hz – 25 kHz | 60 Hz – 30 kHz | 60 Hz – 30 kHz | 60 Hz – 30 kHz | 50 Hz – 25 kHz | 50 Hz – 25 kHz | 50 Hz – 30 kHz | 50 Hz – 30 kHz | 45 Hz – 30 kHz | 45 Hz – 30 kHz |
| Maximum SPL | 107.4 dBA | 107.9 dBA | 108 dBA | 108 dBA | 108 dBA | 111.6 dBA | 111.6 dBA | 111.6 dBA | 111.6 dBA | 112 dBA | 111.6 dBA |
| Recommended Amp Requirements | 20 – 65 W | 20 – 65 W | 20 – 75 W | 20 – 85 W | 20 – 85 W | 30 – 120 W | 30 – 120 W | 30 – 120 W | 30 – 120 W | 40 – 150 W | 30 – 120 W |
| Additional Premium Grilles Dimensions | 238.6 mm / 9 ^{3/8} " | 238.6 mm / 9 ^{3/8} " | 238.6 mm / 9 ^{3/8} " | 238.6 mm / 9 ^{3/8} " | 238.6 mm / 9 ^{3/8} " | - | - | - | - | - | - |
| Additional Square Grille Dimensions | 249 mm / 9 ^{13/16} " | 249 mm / 9 ^{13/16} " | 249 mm / 9 ^{13/16} " | 249 mm / 9 ^{13/16} " | 249 mm / 9 ^{13/16} " | 285 mm / 11 ^{1/4} " | 285 mm / 11 ^{1/4} " | 285 mm / 11 ^{1/4} " | 285 mm / 11 ^{1/4} " | 285 mm / 11 ^{1/4} " | 285 mm / 11 ^{1/4} " |
| Feature | - | T2 | - | IDC | FX | - | T2 | - | IDC | IDC | FX |
| HF Level Switch (+3 dB/0 dB/-3 dB) | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Boundary Compensation Switch | - | - | Yes | Yes | - | - | - | Yes | Yes | Yes | - |
| Bipole/ Dipole Switch | - | - | - | - | Yes | - | - | - | - | - | Yes Additional 12 V Trigger Switching |
| Construction Material | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant |
| Weight | 1.92 kg 4 lb 4 oz | 2.08 kg 4 lb 10 oz | 2.04 kg 4 lb 8 oz | 2.54 kg 6 lb 10 oz | 2.08 kg 4 lb 10 oz | 2.72 kg 6 lb | 3 kg 6 lb 10 oz | 2.8 kg 6 lb 2 oz | 3.42 kg 7 lb 8 oz | 3.64 kg 8 lb | 3.2 kg 7 lb |
| Pre-Construction Bracket | CB6 (Purple) | CB6 (Purple) | CB6 (Purple) | CB6 (Purple) | CB6 (Purple) | CB8 (Green) | CB8 (Green) | CB8 (Green) | CB8 (Green) | CB8 (Green) | CB8 (Green) |
| Back Box | CCBOX-R / CMBOX-R | CCBOX-R / CMBOX-R | CCBOX-R / CMBOX-R | CCBOX-L / CMBOX-R | CCBOX-L / CMBOX-R | CCBOX-L / CMBOX-R | CCBOX-L / CMBOX-R | CCBOX-L / CMBOX-R | CMBOX-R | CMBOX-R | CMBOX-R |

| Category | Core In-Wall | | | | | | | | |
|--|--|--|---|---|--|--|--|--|--|
| Application | In-Wall | | | | | | | | |
| Model Name | W150-LCR | W250-LCR | W165 | W265 | W180 | W280 | W280-IDC | W380-IDC | |
| Page | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | |
| Sensitivity (1W@1m) | 88 dB | 88 dB | 88.5 dB | 88.5 dB | 90 dB | 90 dB | 90 dB | 90 dB | 90 dB |
| Cut Out Dimensions (H x W) | 145 x 353 mm 5 ^{3/4} x 13 ^{7/8} " | 145 x 353 mm 5 ^{3/4} x 13 ^{7/8} " | 332 x 213 mm 13 ^{1/16} x 8 ^{3/8} " | 332 x 213 mm 13 ^{1/16} x 8 ^{3/8} " | 387 x 234 mm 15 ^{1/4} x 9 ^{3/16} " | 387 x 234 mm 15 ^{1/4} x 9 ^{3/16} " | 387 x 234 mm 15 ^{1/4} x 9 ^{3/16} " | 387 x 234 mm 15 ^{1/4} x 9 ^{3/16} " | 387 x 234 mm 15 ^{1/4} x 9 ^{3/16} " |
| Mounting Depth | 100.2 mm / 4" | 100.2 mm / 4" | 92 mm / 3 ^{5/8} " | 92 mm / 3 ^{5/8} " | 100 mm / 3 ^{15/16} " | 100 mm / 3 ^{15/16} " | 100 mm / 3 ^{15/16} " | 100 mm / 3 ^{15/16} " | 100 mm / 3 ^{15/16} " |
| Overall Depth (With Grille) | 105 mm / 4 ^{1/8} " | 105 mm / 4 ^{1/8} " | 96 mm / 3 ^{3/4} " | 96 mm / 3 ^{3/4} " | 104 mm / 4 ^{1/8} " | 104 mm / 4 ^{1/8} " | 104 mm / 4 ^{1/8} " | 104 mm / 4 ^{1/8} " | 104 mm / 4 ^{1/8} " |
| Overall Dimensions (With Grille) (H x W) | 177.4 x 385.2 mm 7 x 15 ^{3/16} " | 177.4 x 385.2 mm 7 x 15 ^{3/16} " | 370 x 250 mm 14 ^{9/16} x 9 ^{13/16} " | 370 x 250 mm 14 ^{9/16} x 9 ^{13/16} " | 441 x 288 mm 17 ^{3/8} x 11 ^{5/16} " | 441 x 288 mm 17 ^{3/8} x 11 ^{5/16} " | 441 x 288 mm 17 ^{3/8} x 11 ^{5/16} " | 441 x 288 mm 17 ^{3/8} x 11 ^{5/16} " | 441 x 288 mm 17 ^{3/8} x 11 ^{5/16} " |
| Power Handling (RMS) | 100 W | 100 W | 65 W | 65 W | 120 W | 120 W | 150 W | 150 W | 150 W |
| Impedance | 8 Ohms | 8 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms |
| Driver Size & Technology | 2 x 5" MMP II drivers 1" C-CAM tweeter | 2 x 5" C-CAM drivers 1" C-CAM tweeter | 6 ^{1/2} " MMP II driver 1" C-CAM tweeter | 6 ^{1/2} " C-CAM driver 1" C-CAM tweeter | 8" MMP II driver 1" C-CAM tweeter | 8" C-CAM driver 1" C-CAM tweeter | 8" C-CAM driver 1" C-CAM tweeter | 8" C-CAM driver 4" C-CAM RST driver 1" C-CAM tweeter | 8" C-CAM RST driver 4" C-CAM RST driver 1" C-CAM tweeter |
| Frequency Response | 60 Hz – 30 kHz | 60 Hz – 30 kHz | 60 Hz – 25 kHz | 55 Hz – 30 kHz | 50 Hz – 25 kHz | 45 Hz – 30 kHz | 45 Hz – 30 kHz | 45 Hz – 30 kHz | 45 Hz – 30 kHz |
| Maximum SPL | 108 dBA | 108 dBA | 107.4 dBA | 107.4 dBA | 111.6 dBA | 111.6 dBA | 111.6 dBA | 111.6 dBA | 112 dBA |
| Recommended Amp Requirements | 30 – 100 W | 30 – 100 W | 20 – 65 W | 20 – 65 W | 30 – 120 W | 30 – 120 W | 40 – 150 W | 40 – 150 W | 40 – 150 W |
| Feature | LCR | LCR | - | - | - | - | IDC | IDC | IDC |
| HF Level Switch (+3 dB/0 dB/-3 dB) | - | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| MF Level Switch (+3 dB/0 dB/-3 dB) | - | - | - | - | - | - | - | - | Yes |
| Boundary Compensation Switch | - | - | - | Yes | - | - | Yes | Yes | Yes |
| Construction Material | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant |
| Weight | 3.76 kg / 8 lb 3oz | 3.80 kg / 8 lb 4 oz | 2.21 kg / 4 lb 14 oz | 2.26 kg / 5 lb | 3.08 kg / 6 lb 12 oz | 3.1 kg / 6 lb 14 oz | 3.6 kg / 7 lb 14 oz | 3.6 kg / 7 lb 14 oz | 4.1 kg / 9 lb |
| Pre-Construction Bracket | WB5LCR (Yellow) | WB5LCR (Yellow) | WB6 (Purple) | WB6 (Purple) | WB8 (Green) | WB8 (Green) | WB8 (Green) | WB8 (Green) | WB8 (Green) |
| Back Box | - | - | - | - | WCBOX-L | WCBOX-L | WCBOX-L | WCBOX-L | WCBOX-L |

Plasterboard/Sheetrock maximum mounting thickness

This table shows the minimum and maximum mounting thickness of the plasterboard/Sheetrock required for Monitor Audio Custom Install products.

| | |
|-----------------------------------|---------------------------------|
| Most products unless stated below | 9 mm – 30 mm / 3/8" – 1 3/16" |
| In-Ceiling IDC* | 12 mm – 50 mm / 1/2" – 1 15/16" |
| Super Slim** | 9 mm – 15 mm / 3/8" – 9/16" |



SPECIFICATIONS

These specifications are supplied to aid installers to select which product is the best fit for their project.

All Monitor Audio Custom Install products have CAD files available, ideal for architectural drawings.

These can be found along with individual product or range information on our website. [Click on a product to find out more.](#)

| Category | Slim | | | Super Slim | | | | |
|--|---|---|---|---|---|---|--|---|
| Application | In-Ceiling / In-Wall | | | In-Ceiling | In-Wall | | | |
| Model Name | CS140 Round/Square | CS160 Round/Square | CS180 Round/Square | CSS230** | WSS130** | WSS230** | WSS430** | |
| Page | 12 | 12 | 12 | 13 | 14 | 14 | 14 | |
| Sensitivity (1W@1m) | 85 dB | 88 dB | 90 dB | 86 dB | 87 dB | 87 dB | 87 dB | |
| Cut Out Diameter or Dimensions (H x W) | 149 mm 5 ^{7/8} " | 170 mm 6 ^{11/16} " | 213 mm 8 ^{3/8} " | 211 mm 8 ^{1/4} " | 346 x 101 mm 13 ^{1/2} x 4" | 346 x 101 mm 13 ^{1/2} x 4" | 346 x 101 mm 13 ^{1/2} x 4" | |
| Mounting Depth | 99 mm / 3 ^{7/8} " | 99 mm / 3 ^{7/8} " | 99.4 mm / 3 ^{15/16} " | 50 mm / 2" | 50 mm / 2" | 50 mm / 2" | 50 mm / 2" | |
| Overall Depth (With Grille) | 103.4 mm 4 ^{1/16} " | 102.8 mm 4 ^{1/16} " | 103.3 mm 4 ^{1/16} " | 54 mm 2 ^{1/8} " | 54.25 mm 2 ^{1/8} " | 54.25 mm 2 ^{1/8} " | 54.25 mm 2 ^{1/8} " | |
| Overall Diameter or Dimensions (With Grille) (H x W) | Round: 180.2 mm / 7 ^{1/8} " Square: 176.7 x 176.7 mm 6 ^{15/16} x 6 ^{15/16} " | Round: 204.2 mm / 8 ^{1/8} " Square: 199.2 x 199.2 mm 7 ^{13/16} x 7 ^{13/16} " | Round: 251.7 mm / 9 ^{15/16} " Square: 246.7 x 246.7 mm 9 ^{11/16} x 9 ^{11/16} " | 250 mm 9 ^{13/16} " | 385 x 140.5 mm 15 x 5 ^{1/2} " | 385 x 140.5 mm 15 x 5 ^{1/2} " | 385 x 140.5 mm 15 x 5 ^{1/2} " | 385 x 140.5 mm 15 x 5 ^{1/2} " |
| Power Handling (RMS) | 50 W | 70 W | 120 W | 40 W – Full range 60 W – Crossover set to 100 Hz @ 12 dB/Octave | 60 W – Full range 100 W – Crossover set to 100 Hz @ 12 dB/Octave | 60 W – Full range 100 W – Crossover set to 100 Hz @ 12 dB/Octave | 75 W – Full range 120 W – Crossover set to 100 Hz @ 12dB/Octave | |
| Impedance | 6 Ohms | 6 Ohms | 6 Ohms | 8 Ohms | 8 Ohms | 8 Ohms | 8 Ohms | |
| Driver Size & Technology | 4" MMP II driver 1" C-CAM tweeter | 6" MMP II driver 1" C-CAM tweeter | 8" MMP II driver 1" C-CAM tweeter | 3 x 3" C-CAM drivers 3 ^{3/4} " C-CAM tweeter | 3 x 3" C-CAM drivers 1" C-CAM tweeter | 3 x 3" C-CAM drivers 1" C-CAM tweeter | 3 x 3" C-CAM drivers MPD HF transducer | |
| Frequency Response | 75 Hz – 30 kHz | 60 Hz – 30 kHz | 48 Hz – 30 kHz | 100 Hz – 30 kHz (Sealed CP) 85 Hz – 30 kHz (Open back) | 75 Hz – 30 kHz | 75 Hz – 30 kHz | 70 Hz – 50 kHz | |
| Maximum SPL | 102.8 dBA | 107.2 dBA | 110.6 dBA | 103.8 dBA | 105.6 dBA | 105.6 dBA | 106.5 dBA | |
| Recommended Amp Requirements | 10 – 50 W | 15 – 70 W | 30 – 120 W | 10 – 60 W | 10 – 100 W | 10 – 100 W | 10 – 120 W | |
| Optional/Additional Grilles (Dimensions) | Order Round or Square | Order Round or Square | Order Round or Square | Premium: 238.6 mm / 9 ^{3/8} " Square: 249 mm / 9 ^{13/16} " | - | - | - | |
| Construction Material | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS Plastic, RoHS2 Compliant | Mineral filled ABS Plastic, RoHS2 Compliant | Mineral filled ABS Plastic, RoHS2 Compliant | |
| Weight | 1.18 kg / 2 lb 10 oz | 2.10 kg / 4 lb 6 oz | 2.72 kg / 6 lb | 2.88 kg / 6 lb 5 oz | 1.4 kg / 3 lb 2 oz | 1.4 kg / 3 lb 2 oz | 1.1 kg / 2 lb 6 oz | |
| Pre-Construction Bracket | CB4 (Pink) | CB5 (Blue) | CB6 (Purple) | CB6 (Purple) | WB3 (Dark blue) | WB3 (Dark blue) | WB3 (Dark blue) | |
| Back Box | CCBOX-R | CCBOX-R / CMBOX-R | CCBOX-R / CMBOX-R | - | - | - | - | |

| Category | Controlled Performance | | | | | | | | | | | | |
|--|--|--|--|--|---|---|---|---|--|--|--|--|--|
| Application | In-Ceiling | | | | | | In-Wall | | | | | | |
| Model Name | CP-CT150 | CP-CT260 | CP-CT380 | CP-CT380 IDC | CP-WT150 | CP-WT260 | CP-WT380 | CP-WT380 IDC | CP-WT140 LCR | CP-WT240 LCR | CP-IW260X | CP-IW460X | CPC120 |
| Page | 15 | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 17 | 17 | 18 – 19 | 18 – 19 | 17 |
| Sensitivity (1W@1m) | 85 dB | 88 dB | 89 dB | 89 dB | 85 dB | 88 dB | 89 dB | 89 dB | 88 dB | 88 dB | 89 dB | 89 dB | 85 dB |
| Cut Out Diameter or Dimensions (H x W) | 212 mm 8 ^{3/8} " | 244 mm 9 ^{5/8} " | 274 mm 10 ^{13/16} " | 274 mm 10 ^{13/16} " | 326 x 207 mm 12 ^{13/16} x 8 ^{1/8} " | 381 x 228 mm 15 x 9" | 438 x 269 mm 17 ^{1/4} x 10 ^{9/16} " | 438 x 269 mm 17 ^{1/4} x 10 ^{9/16} " | 183 x 299 mm 7 ^{3/16} x 11 ^{3/4} " | 183 x 299 mm 7 ^{3/16} x 11 ^{3/4} " | 880 x 230 mm 34 ^{21/32} x 9" | 880 x 230 mm 34 ^{21/32} x 9" | 65 mm 2 ^{1/2} " |
| Mounting Depth | 151 mm 5 ^{15/16} " | 151 mm 5 ^{15/16} " | 181 mm 7 ^{1/8} " | 181 mm 7 ^{1/8} " | 96 mm 3 ^{3/4} " | 96 mm 3 ^{3/4} " | 99 mm 3 ^{7/8} " | 99 mm 3 ^{7/8} " | 97 mm 3 ^{13/16} " | 97 mm 3 ^{13/16} " | 96 mm 3 ^{3/4} " | 96 mm 3 ^{3/4} " | 91.5 mm 3 ^{5/8} " |
| Overall Depth (With Grille) | 155 mm 6 ^{1/8} " | 155 mm 6 ^{1/8} " | 187 mm 7 ^{3/8} " | 187 mm 7 ^{3/8} " | 102 mm 4" | 102 mm 4" | 106 mm 4 ^{1/16} " | 106 mm 4 ^{1/16} " | 103 mm 4 ^{1/16} " | 103 mm 4 ^{1/16} " | 102 mm 4" | 102 mm 4" | 96 mm 3 ^{3/4} " |
| Overall Diameter or Dimensions (With Grille) (H x W) | 250 mm 9 ^{13/16} " | 285 mm 11 ^{1/4} " | 309 mm 12 ^{3/16} " | 309 mm 12 ^{3/16} " | 360.5 x 242 mm 14 ^{1/16} x 9 ^{1/2} " | 415 x 262.5 mm 16 ^{5/16} x 10 ^{5/16} " | 472.5 x 303.5 mm 18 ^{5/8} x 11 ^{15/16} " | 472.5 x 303.5 mm 18 ^{5/8} x 11 ^{15/16} " | 217 x 333 mm 8 ^{9/16} x 13 ^{1/16} " | 217 x 333 mm 8 ^{9/16} x 13 ^{1/16} " | 907 x 257 mm 35 ^{3/4} x 10 ^{1/8} " | 907 x 257 mm 35 ^{3/4} x 10 ^{1/8} " | 80 mm 3 ^{1/8} " |
| Power Handling (RMS) | 50 W | 65W | 120 W | 120 W | 50 W | 65 W | 120 W | 120 W | 100 W | 100 W | 150 W | 150 W | 20 W 50 W using crossover @ 200 Hz |
| Impedance | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 6 Ohms | 8 Ohms |
| Driver Size & Technology | 5" MMP II driver 1" C-CAM tweeter | 6" C-CAM driver 1" C-CAM tweeter | 8" C-CAM RST driver 1" C-CAM tweeter | 8" C-CAM RST driver 4" C-CAM IDC driver 1" C-CAM tweeter | 5" MMP II driver 1" C-CAM tweeter | 6" C-CAM driver 1" C-CAM tweeter | 8" C-CAM RST driver 1" C-CAM tweeter | 8" C-CAM RST driver 4" C-CAM IDC driver 1" C-CAM tweeter | 2 x 4" MMP II drivers 1" C-CAM tweeter | 2 x 4" C-CAM drivers 1" C-CAM tweeter | 2 x 6 ^{1/2} " C-CAM drivers 2 x 4" C-CAM drivers 1" C-CAM tweeter | 2 x 6 ^{1/2} " C-CAM RST drivers 2 x 4" C-CAM RST drivers HF ribbon transducer | 2" micro driver |
| Frequency Response | 75 Hz – 25 kHz | 66 Hz – 25 kHz | 50 Hz – 25 kHz | 50 Hz – 30 kHz | 75 Hz – 25 kHz | 65 Hz – 25 kHz | 50 Hz – 25 kHz | 50 Hz – 30 kHz | 60 Hz – 25 kHz | 60 Hz – 25 kHz | 50 Hz – 30 kHz | 50 Hz – 60 kHz | 100 Hz – 20 kHz |
| Maximum SPL | 102.8 dBA | 106.9 dBA | 109.6 dBA | 109.6dBA | 102.8 dBA | 106.9 dBA | 109.6 dBA | 109.6 dBA | 108.8 dBA | 108.8 dBA | 113.8 dBA | 113.8 dBA | 101.9 dBA |
| Recommended Amp Requirements | 20 – 50 W | 20 – 65 W | 30 – 120 W | 30 – 120W | 20 – 50 W | 20 – 65 W | 30 – 120 W | 30 – 120 W | 20 – 100 W | 20 – 100 W | 60 – 150 W | 60 – 150 W | 5 – 20 W 5 – 50 W using a crossover |
| Additional Premium Grilles Dimensions | 238.6 mm 9 ^{3/8} " | - | - | - | - | - | - | - | - | - | - | - | - |
| Additional Square Grilles Dimensions | 249 mm 9 ^{13/16} " | 285 mm 11 ^{1/4} " | 309 mm 12 ^{3/16} " | 309 mm 12 ^{3/16} " | - | - | - | - | - | - | - | - | - |
| Feature | - | - | - | IDC | - | - | - | IDC | LCR | LCR | Full Size | Full Size | Micro |
| HF Level Switch (+3 dB/0 dB/-3 dB) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes (+1/0/-1 dB) | Yes (+1/0/-1 dB) | - |
| MF Level Switch (+3 dB/0 dB/-3 dB) | - | - | - | Yes | - | - | - | Yes | - | - | Yes (+1/0/-1 dB) | Yes (+1/0/-1 dB) | - |
| Boundary Compensation Switch | - | Yes | Yes | Yes | - | Yes | Yes | Yes | - | Yes | Yes | Yes | - |
| Construction Material | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral Filled ABS plastic / Die-Cast Aluminium Baffle, RoHS2 Compliant | Mineral Filled ABS plastic / Die-Cast Aluminium Baffle, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Cast Polymer / Die-Cast Aluminium Baffle, RoHS2 Compliant | Steel Bezel / Aluminium Enclosure |
| Weight | 2.14 kg 4 lb 12 oz | 2 kg 6 lb 2 oz | 3.74 kg 8 lb 4 oz | 4.3 kg 9 lb 8 oz | 2.65 kg 5 lb 14 oz | 3.31 kg 7 lb 4 oz | 4.95 kg 10 lb 14 oz | 5.62 kg 12 lb 6 oz | 2.5 kg 5 lb 8 oz | 2.5 kg 5 lb 8 oz | 11.98 kg 26 lb 6 oz | 12.98 kg 28 lb 6 oz | 0.19 kg 7 oz |
| Pre-Construction Bracket | CB6 (Purple) | CB8 (Green) | CB10 (Light brown) | CB10 (Light brown) | WB6 (Purple) | WB8 (Green) | WB10 (Light brown) | WB10 (Light brown) | WB4LCR (Dark brown) | WB4LCR (Dark brown) | WB12 (Green) | WB12 (Green) | - |
| Back Box | CCBOX-L | CCBOX-L | - | - | - | WCBOX-L | - | - | - | - | - | - | - |

Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.



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| Category | PLATINUM II | | Flush Fit | Invisible | Pro | | |
|--|--|--|---|---|--|--|---|
| Application | In-Ceiling | In-Wall | In-Ceiling | In-Wall | In-Ceiling | | |
| Model Name | PLIC II | Platinum In-Wall II | CF230 | IV140 | PRO-65 | PRO-80 | PRO-80LV |
| Page | 20 – 21 | 22 – 23 | 24 – 25 | 26 – 27 | 28 | 28 | 28 |
| Sensitivity (1W@1m) | 90 dB | 90 dB | 82.5 dB | 82 dB (when installed as directed) | 86 dB | 87 dB | 87 dB |
| Cut Out Diameter or Dimensions (H x W) | 273 mm 10 ^{3/4} " | 1179 x 302 mm 46 ^{7/16} x 11 ^{7/8} " | Flush Fit 120 mm / 4 ^{3/4} " Retrofit 90 mm / 3 ^{9/16} " | 591 x 350.5 mm 23 ^{1/4} x 13 ^{3/16} " | 205 mm 8 ^{1/16} " | 248 mm 9 ^{3/4} " | 266 mm 10 ^{1/2} " |
| Mounting Depth | 185 mm / 7 ^{5/16} " | 97.5 mm / 3 ^{14/16} " | 81.5 mm / 3 ^{9/16} " | 94 mm / 3 ^{11/16} " | 87.7 mm / 3 ^{7/16} " | 98.1 mm / 3 ^{7/8} " | 101.4 mm / 4" |
| Overall Depth (With Grille) | 191.5 mm / 7 ^{1/2} " | 106.5 mm / 4 ^{1/16} " | 83.62 mm / 3 ^{5/16} " | 106 mm / 4 ^{9/16} " | 92.7 mm / 3 ^{11/16} " | 103 mm / 4 ^{1/16} " | 114 mm / 4 ^{5/16} " |
| Overall Diameter or Dimensions (With Grille) (H x W) | 309 mm 12 ^{3/16} " | 1207 x 332 mm 47 ^{9/16} x 13 ^{1/16} " | 112 mm 4 ^{7/16} " | 642 x 401.5 mm 25 ^{1/4} x 15 ^{3/16} " | 232.5 mm 9 ^{5/16} " | 273 mm 10 ^{3/4} " | 294 mm 11 ^{9/16} " |
| Power Handling (RMS) | 150 W | 200 W | 30 W – Full range – IEC268-5 rating 100 W – Music program (Using High Pass crossover filter @120 Hz) | 50 W – Full range – IEC268-5 rating 100 W – Music program (Using Minimum 80 Hz High Pass filter) | 30 W | 40 W | 40 W |
| Impedance | 4 Ohms Nominal (3.1 Ohms minimum @ 1.1 kHz) | 4 Ohms (3.7 Ohms min. @ 2.8 kHz) | 8 Ohms | 8 Ohms | 8 Ohms | 8 Ohms | 16 Ohms 70 V (4.8, 16,32,64 W) / 100 V (8, 16,32,64 W) power selection |
| Driver Size & Technology | 8" RDT II bass driver 2 x 2" C-CAM mid-range drivers MPD HF transducer | 2 x 6 ^{1/2} " RDT II drivers 4" RDT II driver MPD HF transducer | 3 ^{1/2} " Bass/mid-range C-CAM driver 3 ^{3/4} " C-CAM Gold Dome tweeter | 1 x LF transducer 2 x HF transducers | 6 ^{1/2} " MMP II driver 1" fabric soft dome tweeter | 8" MMP II driver 1" fabric soft dome tweeter | 8" MMP II driver 1" C-CAM tweeter |
| Frequency Response | 45 Hz – 60 kHz | 52 Hz – 100 kHz | 100 Hz – 25 kHz | 75 Hz – 18 kHz (CP sealed) 55 Hz – 18 kHz (Open back) | 75 Hz – 20 kHz | 60 Hz – 20 kHz | 65 Hz – 25 kHz |
| Maximum SPL | 112 dBA | 117 dBA (pair) | 98 dBA (Each – Full range) 103.3 dBA (Each – Using crossover) | 102.8 dBA | 101.5 dBA | 103.8 dBA | 103.8 dBA |
| Recommended Amp Requirements | 50 – 150 W | 100 – 200 W | 10 – 30 W (Full range) 10 – 100 W (Using High Pass crossover filter @120 Hz) | 20 – 50 W (Full range) 20 – 100 W (Using Minimum 80 Hz High Pass filter) | 10 – 30 W | 10 – 40 W | 10 – 40 W |
| Additional Square Grilles Dimensions | 309 mm / 12 ^{3/16} " | - | - | - | - | 285 mm / 11 ^{1/4} " | - |
| Feature | - | - | - | - | - | - | LINE VOLTAGE |
| HF Level Switch (+1dB/0dB/-1dB) | Yes | Yes | - | - | - | - | - |
| MF Level Switch (+1dB/0dB/-1dB) | Yes | Yes | - | - | - | - | - |
| Construction Material | Mineral filled ABS plastic, RoHS2 Compliant, Die cast Aluminium | 25 mm MDF with steel back | Mineral filled ABS plastic, RoHS2 Compliant | MDF | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant / Steel rear enclosure |
| Weight | 5.3 kg / 11 lb 10 oz | 27 kg / 59 lb 8 oz | 0.44 kg / 1 lb | 9 kg / 20 lb | 1.86 kg / 4 lb 2 oz | 2.42 kg / 5 lb 5 oz | 4.85 kg / 10 lb 11 oz |
| Pre-Construction Bracket | CB10 (Light brown) | - | Flush Fit – CFB3-R (round) / CFB3-SQ (square). Pre-construction bracket included in above kits | WBIV140 | PRO-IC65 Construction Bracket | CB8 (Green) | CB8-LV CB8-LVK |
| Back Box | PLIC-BOX II or a bespoke sealed enclosure of 24 L | - | Retrofit – CFB3-KIT | - | - | - | - |

| Category | All Weather | | | |
|--|---|---|---|---|
| Application | In-Ceiling | | | |
| Model Name | AWC265 | AWC265-T2 | AWC280 | AWC280-T2 |
| Page | 30 | 30 | 30 | 30 |
| Sensitivity (1W@1m) | 88 dB | 88 dB (both channels driven) | 89 dB | 89 dB (both channels driven) |
| Cut Out Diameter or Dimensions (H x W) | 211 mm 8 ^{1/4} " | 211 mm 8 ^{1/4} " | 247 mm 9 ^{3/4} " | 247 mm 9 ^{3/4} " |
| Mounting Depth | 88.5 mm 3 ^{1/2} " | 88.5 mm 3 ^{1/2} " | 97.6 mm 3 ^{7/8} " | 97.6 mm 3 ^{7/8} " |
| Overall Depth (With Grille) | 93.5 mm 3 ^{1/2} " | 93.5 mm 3 ^{1/2} " | 102.5 mm 4 ^{1/32} " | 102.5 mm 4 ^{1/32} " |
| Overall Diameter or Dimensions (With Grille) (H x W) | 251.7 mm 9 ^{13/16} " | 251.7 mm 9 ^{13/16} " | 285 mm 11 ^{1/4} " | 285 mm 11 ^{1/4} " |
| Power Handling (RMS) | 60 W | 60 W | 100 W | 100 W |
| Impedance | 8 Ohms 4.4 Ohms @ 190 Hz | 8 + 8 Ohms 4.5 Ohms @ 185 Hz | 8 Ohms 4.5 Ohms @ 185 Hz | 8 + 8 Ohms 4.5 Ohms @ 185 Hz |
| Driver Size & Technology | 6 ^{1/2} " C-CAM driver 1" C-CAM tweeter | 6 ^{1/2} " C-CAM driver 2 x 1" C-CAM tweeters | 8" C-CAM driver 1" C-CAM tweeter | 8" C-CAM driver 2 x 1" C-CAM tweeters |
| Frequency Response | 60 Hz – 30 kHz | 60 Hz – 30 kHz | 50 Hz – 30 kHz | 50 Hz – 30 kHz |
| Maximum SPL | 105.8 dBA | 105.8 dBA | 109 dBA | 109 dBA |
| Recommended Amp Requirements | 20 – 60 W | 20 – 60 W | 20 – 100 W | 20 – 100 W |
| Additional Square Grilles Dimensions | 249 mm 9 ^{13/16} " | 249 mm 9 ^{13/16} " | 285 mm 11 ^{1/4} " | 285 mm 11 ^{1/4} " |
| Feature | - | T2 | - | T2 |
| HF Level Switch (+3 dB/0 dB/-3 dB) | Yes | Yes | Yes | Yes |
| Construction Material | Mineral Filled PC-ABS Polymer (UL V0 Fire Retardant, RoHS2 Compliant) SS430 Stainless Steel / Samarium Cobalt | Mineral Filled PC-ABS Polymer (UL V0 Fire Retardant, RoHS2 Compliant) SS430 Stainless Steel / Samarium Cobalt | Mineral Filled PC-ABS Polymer (UL V0 Fire Retardant, RoHS2 Compliant) SS430 Stainless Steel / Samarium Cobalt | Mineral Filled PC-ABS Polymer (UL V0 Fire Retardant, RoHS2 Compliant) SS430 Stainless Steel / Samarium Cobalt |
| Weight | 2.14 kg / 4 lb 12 oz | 2.14 kg / 4 lb 12 oz | 2.8 kg / 6 lb 2 oz | 2.8 kg / 6 lb 2 oz |
| Operating Temperature Range | -34° to 79° C -29° to 174° F |
| IP Ratings | IP55 | IP55 | IP55 | IP55 |
| Pre-Construction Bracket | CB6 (Purple) | CB6 (Purple) | CB8 (Green) | CB8 (Green) |
| Back Box | CCBOX-R / CMBOX-R | CCBOX-R / CMBOX-R | CCBOX-L / CMBOX-R | CCBOX-L / CMBOX-R |

Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.



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These can be found along with individual product or range information on our website. [Click on a product to find out more.](#)

| Category | Climate | | | | Vecta | |
|--|--|--|---|---|--|--|
| Application | Wall Mounted | | | | Wall / Corner / Cluster Mounted | |
| Model Name | Climate 50 | Climate 60 | Climate 60-T2 | Climate 80 | V240 | V240-LV |
| Page | 31 | 31 | 31 | 31 | 32 – 35 | 32 – 35 |
| Sensitivity (1W@1m) | 87 dB | 88 dB | 88 dB | 89.5 dB | 88 dB | 88 dB |
| Overall Depth (With Grille) | 160 mm / 6 ^{5/16} " | 180 mm / 7 ^{2/16} " | 180 mm / 7 ^{2/16} " | 221.5 mm / 8 ^{12/16} " | 150 mm / 5 ^{7/8} " | 150 mm / 5 ^{7/8} " |
| Overall Depth (With Bracket) | 210.4 mm / 8 ^{5/16} " | 235.4 mm / 9 ^{5/16} " | 235.4 mm / 9 ^{5/16} " | 273 mm / 10 ^{3/4} " | 175.4 mm / 6 ^{7/8} " | 175.4 mm / 6 ^{7/8} " |
| Overall Diameter or Dimensions (With Grille) (H x W) | 285 x 172.5 mm 11 ^{1/4} x 6 ^{13/16} " | 325 x 185 mm 12 ^{13/16} x 7 ^{5/16} " | 325 x 185 mm 12 ^{13/16} x 7 ^{5/16} " | 405 x 230 mm 15 ^{15/16} x 9 ^{1/16} " | Excluding Mounts 335.9 x 243.2 mm / 13 ^{1/4} x 9 ^{9/16} " | Excluding Mounts 335.9 x 243.2 mm / 13 ^{1/4} x 9 ^{9/16} " |
| Power Handling (RMS) | 80 W | 100 W | 2 x 50 W | 120 W | 100 W | 100 W |
| Impedance | 8 Ohms | 8 Ohms | 8 + 8 Ohms | 8 Ohms | 4 Ohms | 70/100 V line level |
| Switch | - | - | - | - | - | 70 V (2, 4, 8, 16, 32) power level |
| Driver Size & Technology | 5 ^{1/2} " C-CAM driver 1" C-CAM tweeter ABR | 6 ^{1/2} " C-CAM driver 1" C-CAM tweeter ABR | 6 ^{1/2} " C-CAM driver 2 x 1" C-CAM tweeters ABR | 8" C-CAM driver 1" C-CAM tweeter ABR | 2 x 4" C-CAM drivers 1" C-CAM tweeter | 2 x 4" C-CAM drivers 1" C-CAM tweeter |
| Frequency Response | 75 Hz – 30 kHz | 63 Hz – 30 kHz | 63 Hz – 30 kHz | 50 Hz – 30 kHz | 70 Hz – 25 kHz | 70 Hz – 25 kHz |
| Maximum SPL | 106.8 dBA | 108.8 dBA | 108.8 dBA | 111.1 dBA | 108 dBA (each) | 108 dBA (each) |
| Recommended Amp Requirements | 10 – 80 W | 15 – 100 W | 15 – 100 W | 20 – 120 W | 25 – 100 W | 25 – 100 W |
| Feature | - | - | T2 | - | - | - |
| Construction Material | High-density polypropylene enclosure / Aluminium grille | High-density polypropylene enclosure / Aluminium grille | High-density polypropylene enclosure / Aluminium grille | High-density polypropylene enclosure / Aluminium grille | Mineral filled ABS plastic, RoHS2 Compliant | Mineral filled ABS plastic, RoHS2 Compliant |
| Weight | 3.66 kg / 8 lb 1 oz | 4.62 kg / 10 lb 3 oz | 5.02 kg / 11 lb 1 oz | 6.53 kg / 14 lb 6 oz | 2.55 kg / 5 lb 10 oz | 3.56 kg / 7 lb 14 oz |
| Operating Temperature Range | -25° to 65° C -13° to 149° F | -25° to 65° C -13° to 149° F | -25° to 65° C -13° to 149° F | -25° to 65° C -13° to 149° F | -25° to 65° C -13° to 149° F | -25° to 65° C -13° to 149° F |
| IP Ratings | IP55 | IP55 | IP55 | IP55 | IP55 | IP55 |
| Brackets | - | - | - | - | V-Mount / V-Corner | V-Mount / V-Corner / V-Cluster |

| Category | Climate Garden System | | | |
|--|---|---|--|---|
| Application | In-Ground / Mounted | | Subwoofers | |
| Model Name | CLG140 | CLG160 | CLG-W10 | CLG-W12 |
| Page | 36 | 36 | 37 | 37 |
| Sensitivity (1W@1m) | 88 dB | 89 dB | 85 dB | 87 dB |
| Overall Diameter or Dimensions (With Grille) (H x W) | Excluding Mount/Spike 130 x 175 mm / 5 ^{1/8} x 6 ^{7/8} " | Excluding Mount/Spike 190 x 220 mm / 7 ^{1/2} x 8 ^{11/16} " | 340 mm x 434.5 mm 13 ^{3/8} x 17 ^{1/8} " | 750 x 380 x 576 mm 19 ^{1/2} x 14 ^{15/16} x 22 ^{11/16} " |
| Power Handling (RMS) | 40 W (Crossover set to minimum 100 Hz @ 12 dB/Octave) | 60 W (Crossover set to minimum 80 Hz @ 12 dB/Octave) | 150 W (IEC268-5) | 250 W |
| Impedance | 70/100 V line level | 70/100 V line level | 4 Ohms or 70/100 V line level (cable select) | 4 Ohms or 70/100 V line level (cable select) |
| Driver Size & Technology | 4" MMP II driver 1" C-CAM tweeter | 6" MMP II driver 1" C-CAM tweeter | 10" "ICD" subwoofer C-CAM cone | 12" C-CAM bass driver |
| Frequency Response | 100 Hz – 30 kHz | 80 Hz – 30 kHz | 35 Hz – 150 Hz | 30 Hz – 100 Hz |
| Maximum SPL | 104 dBA | 107 dBA | 105 dB @100 Hz | 110 dBA |
| Recommended Amp Requirements | 10 – 40 W per speaker | 10 – 60 W per speaker | 80 – 150 W R.M.S | 100 – 250 W |
| Construction Material | Rigid, high impact cast polymer cabinet for long life and durability | Rigid, high impact cast polymer cabinet for long life and durability | Rotational moulded LDPE – Sealed cabinet | High impact moulded cabinet – robust and waterproof |
| Weight | 2.08 kg / 4 lb 10 oz | 2.76 kg / 6 lb 2 oz | 11.9 kg / 26 lb 2 oz | 19.5 kg / 42 lb 14 oz |
| Operating Temperature Range | -20° to 70° C -4° to 158° F | -20° to 70° C -4° to 158° F | - | - |
| IP Ratings | IP55 | IP55 | IP54 | IP54 |
| Mount | CLG-Mount / CLG-Spike R | CLG-Mount / CLG-Spike R | - | - |

| Category | Custom Subwoofers | | | | |
|--|---|---|--|---|--|
| Application | In-Ceiling | In-Wall | Rack Mounted / Free Standing | Free Standing | |
| Model Name | ICS-8 | IWS-10 | IWA-250 Amplifier | CW8 | CW10 |
| Page | 38 | 39 | 39 | 40 | 40 |
| Sensitivity (1W@1m) | 85 dB | 86 dB | - | - | - |
| Cut Out Diameter or Dimensions (H x W) | 120 mm 4 ^{3/4} " | 280 x 280 mm 11 x 11" | - | - | - |
| Mounting Depth | - | 90 mm / 3 ^{1/2} " | - | - | - |
| Overall Dimensions (With Grille) (H x W x D) | 235 x 280 x 396 mm 9 ^{1/4} x 11 x 15 ^{9/16} " | 314.21 x 314.21 x 100.78 mm 12 ^{3/8} x 12 ^{3/8} x 3 ^{15/16} " | 43.7 x 432 x 263 mm 1 ^{3/4} x 17 x 10 ^{3/8} " | 270 x 260 x 276 mm 10 ^{5/8} x 10 ^{1/4} x 10 ^{7/8} " | 315 x 305 x 320 mm 12 ^{3/8} x 12 x 12 ^{5/8} " |
| Power Handling (RMS) | 150 W – Full range – IEC268-5 rating | 150 W | - | - | - |
| Impedance | 8 Ohms | 8 Ohms | - | - | - |
| Driver Size & Technology | 8" C-CAM driver | 10" C-CAM RDT driver | - | 8" C-CAM driver 2 x 8" ABRs | 10" C-CAM driver 2 x 10" ABRs |
| Frequency Response | 40 Hz – 120 Hz | 28 Hz – 120 Hz | 25Hz – 120 Hz | - | - |
| Maximum SPL | 107 dB | Single unit 109.8 dB / Pair 115.8 dB | - | 105.8 dBA | 105.8 dBA |
| Amplifier Power Output | - | - | 250 W @ <1% THD+N | 350 W RMS @ < 1% THD+N | 400 W RMS @ < 1% THD+N |
| Amplifier Classification | - | - | Class D amplifier with switch mode power supply (SMPSU) | Class D amplifier with switch mode power supply (SMPSU) | Class D amplifier with switch mode power supply (SMPSU) |
| Construction Material | 15 mm MDF construction, vinyl laminate surface | Mineral Filled ABS Plastic (RoHS Compliant) | 3 mm thick fabricated steel case, moulded ABS front trim panel | 18 mm MDF cabinet | 18 mm MDF cabinet |
| Weight | 10.2 kg / 22 lb 8 oz | 3.8 kg / 8 lb 6 oz | 4 kg / 8 lb 12 oz | 9.52 kg / 21 lb | 12.64 kg / 27 lb 12 oz |
| Brackets | Flush Fit – CFB3-R (round) / CFB3-SQ (square). Pre-construction bracket included in above kits Retrofit – CFB3-KIT | - | - | - | - |
| Back Box | - | IWB-10 (In-Wall Back Box) | - | - | - |

Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.



SPECIFICATIONS

These specifications are supplied to aid installers to select which product is the best fit for their project.

All Monitor Audio Custom Install products have CAD files available, ideal for architectural drawings.

These can be found along with individual product or range information on our website. [Click on a product to find out more.](#)

| Category | Streamers and Amplifiers | | | | | | |
|--|---|---|---|---|---|---|---|
| Application | Rack Mounted / Free Standing | | | | | | |
| Model Name | IMS-4 | IA150-2 | IA60-12 | IA800-2C | IA200-2C | IA150-8C | IA40-3 |
| Page | 41 | 42 | 42 | 43 | 43 | 43 | 44 |
| IP Control | BluOS™ | - | - | Connect | Connect | Connect | - |
| EQ dip switches apply a 3 dB boost | - | - | - | - | - | - | 120 Hz, 1500 Hz, 8 kHz |
| Channel Number/Rooms | 4 Rooms | 2 (1 Stereo Pair) | 12 (6 Stereo Pairs) | 2 (1 Stereo Pair) | 2 (1 Stereo Pair) | 8 (4 Stereo Pairs) | 2 or 3 |
| Power (W / Channel) | 4 Ohms | - | 150 W | 60 W | 800 W | 200 W | 150 W |
| | 8 Ohms | - | 100 W | 45W | 500 W | 150 W | 140 W |
| | Bridge (8 Ohms) | - | 320 W (1CH) | 100 W (6CH) | 2000 W (1CH) | 470 W (1CH) | 300 W (4CH) |
| | 70V | - | - | - | 800 W (2CH) | - | - |
| Input Impedance | - | 20 K Ohms | 20 K Ohms | 20 K Ohms | 20 K Ohms | 20 K Ohms | 10 K Ohms Unbalanced |
| Output Impedance (Loop RCA) | - | 600 Ohms | 600 Ohms | 600 Ohms | 600 Ohms | 600 Ohms | 1.47 K Ohms |
| Input Sensitivity | - | 100 mV / 1 W – 1000 mV – Full power | 100 mV / 1 W – 700 mV – Full power | 100 mV / 1 W – 2200 mV – Full power | 100 mV / 1 W – 1230 mV – Full power | 100 mV / 1 W – 1140 mV – Full power | ~300 mV – Full Power |
| Maximum Input Voltage (RMS) | 2.2 V | 2.9 V | 2.9 V | 2.9 V | 2.9 V | 2.9 V | 2.3 V |
| Signal to noise (S:N Ratio) | 110 dBA | -100 dB (20 Hz – 20 kHz) | -100 dB (20 Hz – 20 kHz) | -100 dB (20 Hz – 20 kHz) | -100 dB (20 Hz – 20 kHz) | -100 dB (20 Hz – 20 kHz) | > 84 dB Unweighted |
| Frequency Response (-3 dB) | - | 5 Hz – 50 kHz | 5 Hz – 50 kHz | 5 Hz – 50 kHz | 5 Hz – 50 kHz | 5 Hz – 50 kHz | 10 Hz - 20 kHz |
| Total Harmonic Distortion THD + N@1 kHz (@1W) | - | 0.03% @ 1 W | 0.03% @ 1 W | 0.03% @ 1 W | 0.03% @ 1 W | 0.03% @ 1 W | < 0.05 % |
| Rack Height | 1U | 1U | 2U | 2U | 1U | 1U | - |
| Dimensions (Without feet) (H x W x D) (IA40-3 Excluding Mounting Brackets & Antenna) | 43 x 438 x 236 mm 1 ^{11/16} x 17 ^{1/4} x 9 ^{5/16} " | 42.4 x 438 x 427 mm 1 ^{11/16} x 17 ^{1/4} x 16 ^{13/16} " | 86.8 x 438 x 427 mm 3 ^{7/8} x 17 ^{1/4} x 16 ^{13/16} " | 86.8 x 438 x 427 mm 3 ^{7/8} x 17 ^{1/4} x 16 ^{13/16} " | 42.4 x 438 x 427 mm 1 ^{11/16} x 17 ^{1/4} x 16 ^{13/16} " | 42.4 x 438 x 427 mm 1 ^{11/16} x 17 ^{1/4} x 16 ^{13/16} " | 31.4 x 180 x 110.5 mm 1 ^{1/4} x 7 ^{1/8} x 4 ^{3/8} " |
| Height (With feet) | 45 mm / 1 ^{3/8} " | 52.8 mm / 2 ^{1/16} " | 97.2 mm / 3 ^{13/16} " | 97.2 mm / 3 ^{13/16} " | 52.8 mm / 2 ^{1/16} " | 52.8 mm / 2 ^{1/16} " | - |
| Width (Including rack/mounting brackets) | 482 mm / 19" | 482 mm / 19" | 482 mm / 19" | 482 mm / 19" | 482 mm / 19" | 482 mm / 19" | 196 mm / 7 ^{11/16} " |
| Weight | 2.8 kg / 6 lb 3 oz | 5.29 kg / 11 lb 10 oz | 7.34 kg / 16 lb 5 oz | 9.2 kg / 20 lb 4 oz | 5.3 kg / 11 lb 10 oz | 7.45 kg / 16 lb 6 oz | 0.484 kg / 1 lb 2 oz |
| IP Communication | TCP/IP (RJ-45 10/100 Base T) | - | - | TCP/IP (RJ-45 10/100 Base T) | TCP/IP (RJ-45 10/100 Base T) | TCP/IP (RJ-45 10/100 Base T) | - |
| Mains Operating Voltage | 100 – 240 V 50/60 Hz | 100 – 120 V @ 60 Hz, 220 – 240 V @ 50 Hz | 100 – 120 V @ 60 Hz, 220 – 240 V @ 50 Hz | 100 – 120 V @ 60 Hz, 220 – 240 V @ 50 Hz | 100 – 120 V @ 60 Hz, 220 – 240 V @ 50 Hz | 100 – 120 V @ 60 Hz, 220 – 240 V @ 50 Hz | 100 – 120 V @ 60 Hz, 220 – 240 V @ 50 Hz |
| Fuse Rating | - | 5 A (T5AL – 250VAC) | 10 A (T10AL – 250VAC) | 100-120VAC: T15AL/250V AC 220-240VAC: T10AL/250V AC | 5 A (T5AL – 250VAC) | 10 A (T10AL – 250VAC) | 3 A |
| Standby power consumption | <1 W | <0.5 W (green mode) | <0.5 W (green mode) | <0.5 W (green mode) | <0.5 W (green mode) | <0.5 W (green mode) | < 0.5 W |
| Networked standby power consumption | <6 W | - | - | <2 W | <2 W | <2 W | - |

| Category | Soundbars | | | SoundFrames | | | | | |
|--|--|--|--|--|--|---|--|--|---|
| Application | Passive / Free Standing | | | In-Wall | | | On-Wall | | |
| Model Name | SB-2 | SB-3 | SB-4 | SoundFrame 1 | SoundFrame 2 | SoundFrame 3 | SoundFrame 1 | SoundFrame 2 | SoundFrame 3 |
| Page | 45 | 45 | 45 | 46 | 46 | 46 | 46 | 46 | 46 |
| Sensitivity (1W@1m) | 84 dB | Left and Right Channels: 84 dB Centre Channel: 87 dB | 87 dB | 86 dB | 86 dB | 85dB | 86 dB | 86 dB | 85 dB |
| Cut Out Dimensions (H x W) | - | - | - | 501 x 351mm 19 ^{11/16} x 13 ^{3/4} " | 751 x 201 mm 29 ^{1/2} x 7 ^{7/8} " | 251 x 251 mm 9 ^{7/8} x 9 ^{7/8} " | - | - | - |
| Mounting Depth | - | - | - | 75 mm / 2 ^{15/16} " | 75 mm / 2 ^{15/16} " | 59.5 mm / 2 ^{5/16} " | - | - | - |
| Overall Depth (With Grille) | 93 mm 3 ^{11/16} " | 93 mm 3 ^{11/16} " | 92 mm 3 ^{5/8} " | 88.25 mm 3 ^{1/2} " | 87.5 mm 3 ^{7/8} " | 77.5 mm 3" | 87.5mm 3 ^{7/16} " | 87.5mm 3 ^{7/16} " | 77.5 mm 3" |
| Overall Dimensions (With Grille) (H x W) | 147 x 1107 mm 5 ^{13/16} x 43 ^{3/16} " | 147 x 1307 mm 5 ^{13/16} x 51 ^{7/16} " | 147 x 1562 mm 5 ^{1/4} x 61 ^{1/2} " | 552 x 402 mm 21 ^{3/4} x 15 ^{13/16} " | 802.5 x 252.5 mm 31 ^{5/8} x 9 ^{15/16} " | 301.5 x 301.5 mm 11 ^{7/8} x 11 ^{7/8} " | 540 x 390 mm 21 ^{1/4} x 15 ^{3/8} " | 790 x 240 mm 31 ^{1/8} x 9 ^{7/16} " | 289 x 289 mm 11 ^{3/8} x 11 ^{3/8} " |
| Power Handling (RMS) | 40 W | Left and Right Channels: 40 W Centre Channel: 80 W | 80 W | 100 W | 100 W | 50 W | 100 W | 100 W | 50 W |
| Impedance | 8 Ohms | 8 Ohms | 8 Ohms | 8 Ohms | 8 Ohms | 8 Ohms | 8 Ohms | 8 Ohms | 8 Ohms |
| Driver Size & Technology | 3 x 4" C-CAM bass/mid drivers 3 x 1" C-CAM tweeters 3 x ABRs | 4 x 4" C-CAM bass/mid drivers 3 x 1" C-CAM tweeters 4 x ABRs | 6 x 4" C-CAM bass/mid drivers 3 x 1" C-CAM tweeters 4 x ABRs | 6 ^{1/2} " C-CAM RST driver 4" C-CAM IDC driver 1" C-CAM tweeter | 6 ^{1/2} " C-CAM RST driver 4" C-CAM IDC driver 1" C-CAM tweeter | 4" MMP II driver 1" C-CAM tweeter | 6 ^{1/2} " C-CAM RST driver 4" C-CAM IDC driver 1" C-CAM tweeter | 6 ^{1/2} " C-CAM RST driver 4" C-CAM IDC driver 1" C-CAM tweeter | 4" MMP II driver 1" C-CAM tweeter |
| Frequency Response | 90 Hz – 30 kHz | 80 Hz – 30 kHz | 70 Hz – 30 kHz | 55 Hz – 35 kHz | 55 Hz – 35 kHz | 75 Hz – 35 kHz | 55 Hz – 35 kHz | 55 Hz – 35 kHz | 75 Hz – 35 kHz |
| Maximum SPL | 104 dBA (108.8 dBA all channels driven) | 104 dBA (108.8 dBA all channels driven) | 104 dBA (108.8 dBA all channels driven) | 106 dBA | 106 dBA | 102.5 dBA | 106 dBA | 106 dBA | 102.5 dBA |
| Recommended Amp Requirements | 30 – 100 W | 30 – 100 W | 30 – 100 W | 20 – 100 W | 20 – 100 W | 20 – 50 W | 20 – 100 W | 20 – 100 W | 20 – 50 W |
| Construction Material | MDF | MDF | MDF | MDF | MDF | MDF | MDF | MDF | MDF |
| Weight | 16 lb 12 oz 7.64 kg | 20 lb 9.1 kg | 26 lb 7 oz 12 kg | 16 lb 10 oz 7.53 kg | 16 lb 7.26 kg | 6 lb 10 oz 3 kg | 17.6 lb 6 oz 7.44 kg | 15 lb 9 oz 7.06 kg | 6 lb 2.76 kg |
| Suitable for display sizes | 50" – 60" | 60"+ | 70"+ | - | - | - | - | - | - |
| On-Wall Bracket | BSB | BSB | BSB | - | - | - | - | - | - |

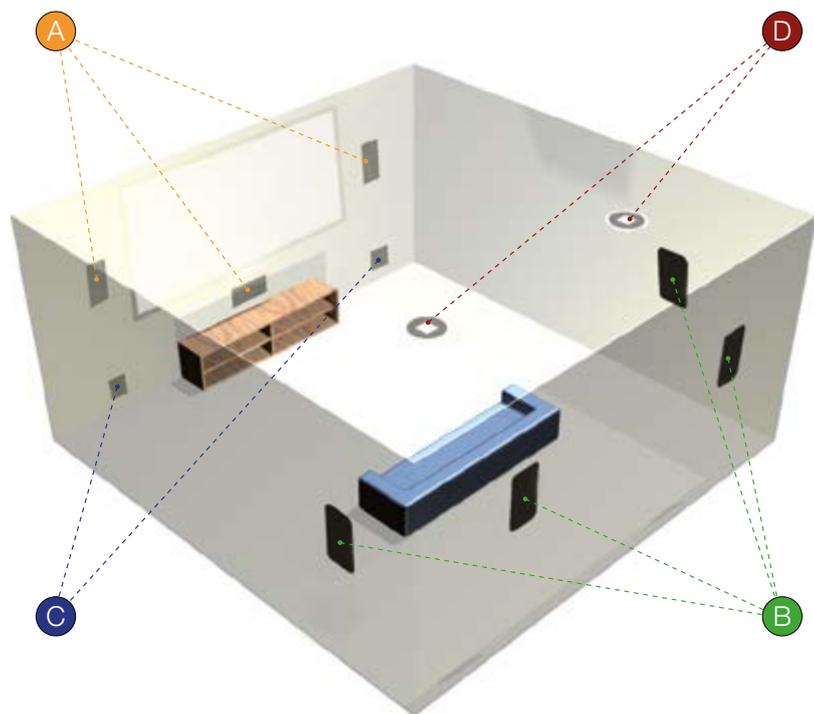
| Category | Accessories (Back Boxes) | | | | | |
|--------------------------------|--|--|--|---|--|---|
| Model Name | CCBOX-R | CCBOX-L | WCBOX-L | CMBOX-R | PLIC-BOX II | IWB-10 |
| Page | 50 | 50 | 50 | 50 | 21 | 39 |
| Overall Dimensions (H x W x D) | 330 x 330 x 125 mm 13 x 13 x 4 ^{15/16} " | 330 x 330 x 165 mm 13 x 13 x 6 ^{1/2} " | 590 x 435 x 120 mm 23 ^{1/4} x 17 ^{1/4} x 4 ^{3/4} " | 300 x 350 x 160 mm 11 ^{13/16} x 13 ^{3/4} x 6 ^{5/16} " | 191.2 x 628.6 x 350 mm 7 ^{1/2} x 24 ^{3/4} x 13 ^{3/4} " (Inc. Brackets) | 850 x 351 x 85 mm 33 ^{1/2} x 13 ^{13/16} x 3 ^{11/32} " |
| Internal Volume | 6.31 L | 8.9 L | 14.8 L | 12.2 L | 24 L | 16.5 L |

Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.

HOME THEATRE SYSTEMS

Use our Custom Install speakers in a Home Theatre and you can create amazing systems, including 5.1, 7.1 and Dolby Atmos set-ups. Use either In-Ceiling or In-Wall, or a combination of both, and model your chosen Monitor Audio speakers in The CEDIA Designer (TCD), the double Award-winning home theatre design software. We've partnered with TCD, so you'll swiftly spot our products in the design tool's database, enabling you to create a 3D CAD drawing for any room in under 30 seconds.

In-Wall 7.1 Home Theatre Example



- A** Front Left-Centre-Right main loudspeakers
- B** Rear Left-Right surround loudspeakers
- C** Add your choice of one or two Monitor Audio subwoofers to complete the theatre
- D** Add In-Ceiling speakers for height channels we recommend IDC equipped models for 2 or 4 height channels if desired

All our Custom Install products can be used in conjunction with our traditional speaker ranges. To find out more about our award-winning speaker ranges please visit monitoraudio.com

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