

# Custom Install Product Guide

SPEAKERS & ELECTRONICS



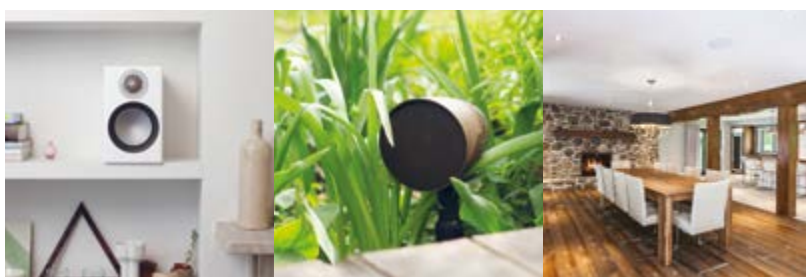
**Interactive PDF**

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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)

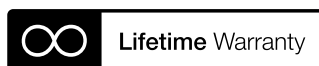


# WHY CHOOSE MONITOR AUDIO CUSTOM INSTALL SOLUTIONS

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](http://monitoraudio.com)

## Main features

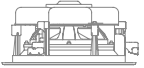


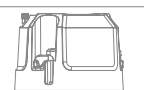
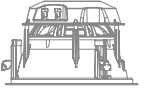

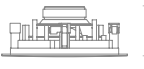
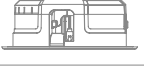
- Developed using the advanced driver technologies of our award-winning hi-fi speaker ranges
- Audio solutions for diverse spaces and applications
  - High quality sound performance
  - Solid and reliable build quality
  - Patented Tri-Grip mounting clamps
- Quick, easy and secure installations
  - Minimum 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

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## CI Ranges

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12	Slim (CS)		98.6 mm / 3 <sup>7</sup> / <sub>8</sub> "
13	Super Slim (CSS/WSS)		50 mm / 2"
15	Controlled Performance (CP)		151 mm / 5 <sup>15</sup> / <sub>16</sub> "
20	Platinum II (PL)		<b>Flagship</b> 185 mm / 7 <sup>5</sup> / <sub>16</sub> "
24	Flush Fit (CF)		83.5 mm / 3 <sup>9</sup> / <sub>16</sub> "
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28	Pro (PRO)		<b>Commercial</b> 87.7 mm / 3 <sup>7</sup> / <sub>16</sub> "
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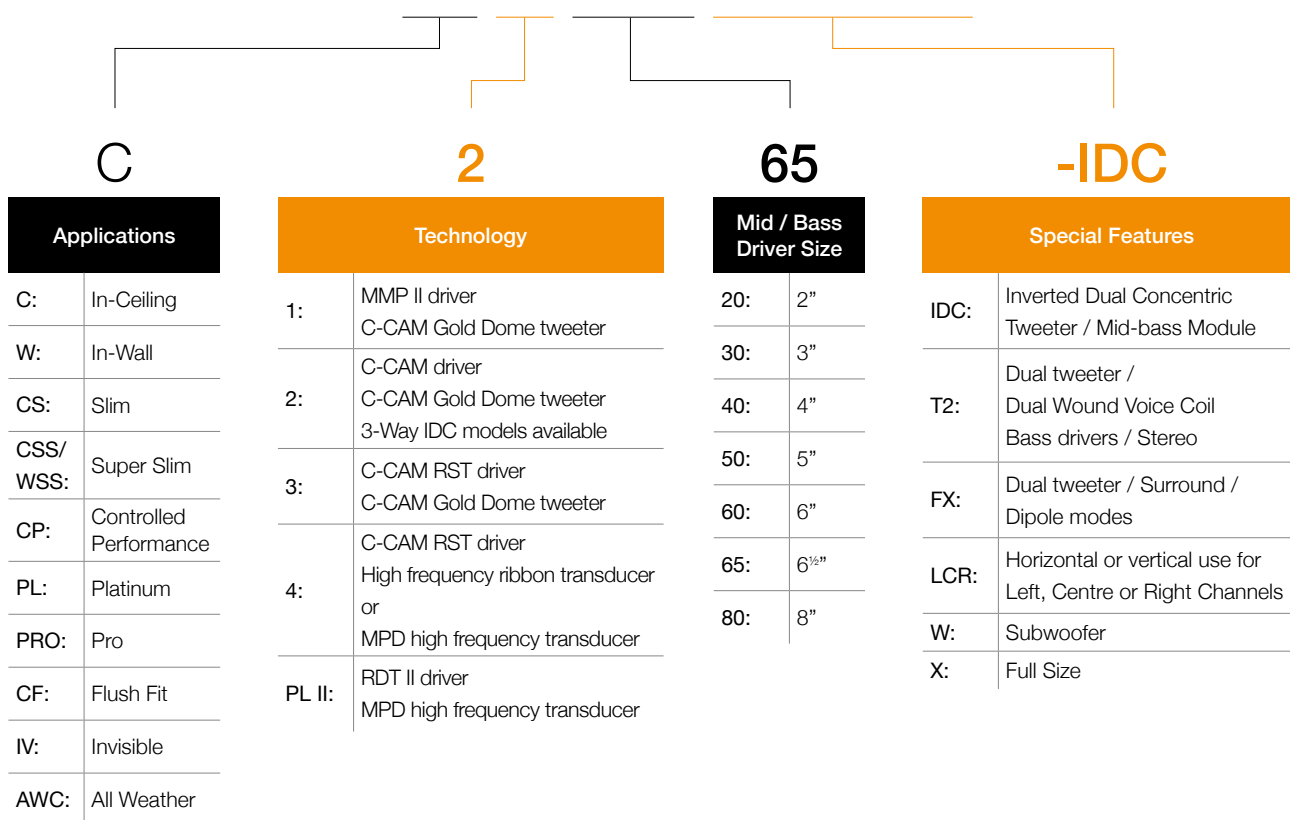


# CUSTOM INSTALL NAMING SYSTEM

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.

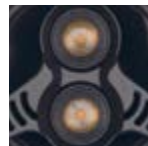


**MPD High Frequency Transducer:** Micro Pleated Diaphragm high frequency transducer uses a proprietary low-mass pleated diaphragm with a surface area eight times larger than that of a traditional dome tweeter. MPD transducers work like a super-fast accordion by rapidly squeezing the pleats to produce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

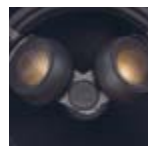
## SPECIAL FEATURES



**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.



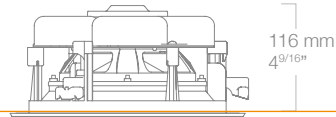
## In-Ceiling



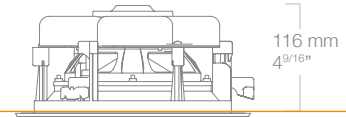
### Premium and Square Grilles

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.

C165

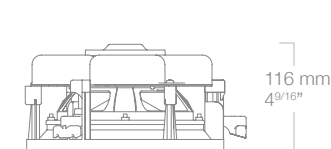


C165-T2

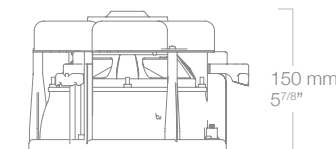


Sensitivity (1W@1m)	88.5 dB	88.5 dB
Cut Out Diameter	211 mm / 8 1/4"	211 mm / 8 1/4"
Mounting Depth	116 mm / 4 9/16"	116 mm / 4 9/16"
Power Handling (RMS)	65 W	65 W
Impedance	6 Ohms	6 + 6 Ohms
Driver Size & Technology	6 1/2" MMP II driver 1" C-CAM pivoting Gold Dome tweeter HF level switch	6 1/2" MMP 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

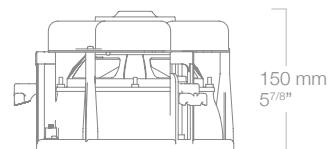
C265



C265-IDC



C265-FX

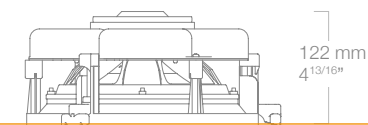


Sensitivity (1W@1m)	88.5 dB	88.5 dB	88.5 dB
Cut Out Diameter	211 mm / 8 1/4"	211 mm / 8 1/4"	211 mm / 8 1/4"
Mounting Depth	116 mm / 4 9/16"	150 mm / 5 7/8"	150 mm / 5 7/8"
Power Handling (RMS)	75 W	85 W	85 W
Impedance	6 Ohms	6 Ohms	6 Ohms
Driver Size & Technology	6 1/2" C-CAM driver 1" C-CAM pivoting 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

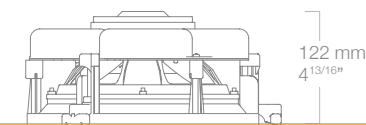
Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.

# Core

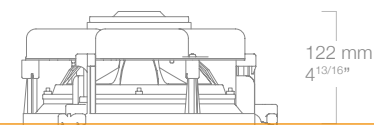
C180



C180-T2

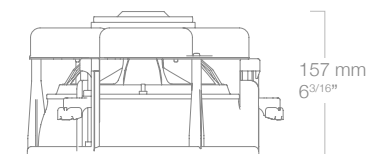


C280

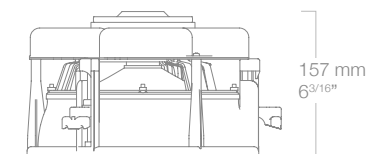


Sensitivity (1W@1m)	90 dB	90 dB	90 dB
Cut Out Diameter	247 mm / 9 <sup>3</sup> / <sub>4</sub> "	247 mm / 9 <sup>3</sup> / <sub>4</sub> "	247 mm / 9 <sup>3</sup> / <sub>4</sub> "
Mounting Depth	122 mm / 4 <sup>13</sup> / <sub>16</sub> "	122 mm / 4 <sup>13</sup> / <sub>16</sub> "	122 mm / 4 <sup>13</sup> / <sub>16</sub> "
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

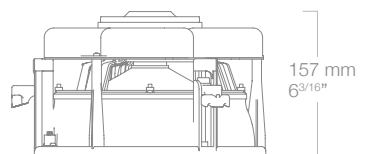
C280-IDC



C380-IDC



C380-FX



Sensitivity (1W@1m)	90 dB	90 dB	90 dB
Cut Out Diameter	247 mm / 9 <sup>3</sup> / <sub>4</sub> "	247 mm / 9 <sup>3</sup> / <sub>4</sub> "	247 mm / 9 <sup>3</sup> / <sub>4</sub> "
Mounting Depth	157 mm / 6 <sup>3</sup> / <sub>16</sub> "	157 mm / 6 <sup>3</sup> / <sub>16</sub> "	157 mm / 6 <sup>3</sup> / <sub>16</sub> "
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.

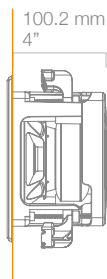
\* Indicates product requires minimum 12 mm (1/2") plasterboard/Sheetrock

# Core

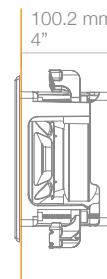
The sonic building block of any custom installation project, our Core line provides a comprehensive selection of models, meticulously developed for specific uses.

## In-Wall Centres

W150-LCR



W250-LCR

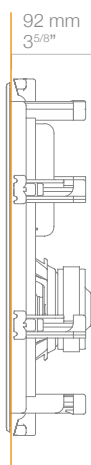


Sensitivity (1W@1m)	88 dB	88 dB
Cut Out Dimensions (H x W)	145 x 353 mm / 5 <sup>3</sup> / <sub>4</sub> " x 13 <sup>7</sup> / <sub>8</sub> "	145 x 353 mm / 5 <sup>3</sup> / <sub>4</sub> " x 13 <sup>7</sup> / <sub>8</sub> "
Mounting Depth	100 mm / 3 <sup>15</sup> / <sub>16</sub> "	100 mm / 3 <sup>15</sup> / <sub>16</sub> "
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)

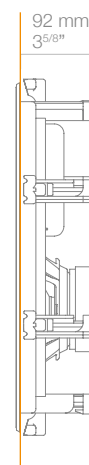


## In-Wall

W165



W265



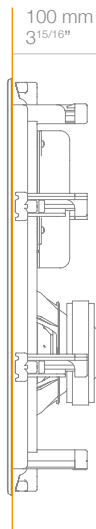
Sensitivity (1W@1m)	88.5 dB	88.5 dB
Cut Out Dimensions (H x W)	332 x 213 mm / 13 <sup>1</sup> / <sub>16</sub> " x 8 <sup>3</sup> / <sub>8</sub> "	332 x 213 mm / 13 <sup>1</sup> / <sub>16</sub> " x 8 <sup>3</sup> / <sub>8</sub> "
Mounting Depth	92 mm / 3 <sup>5</sup> / <sub>8</sub> "	92 mm / 3 <sup>5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

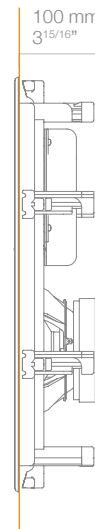


# Core

**W180**

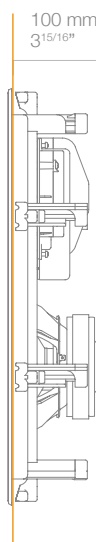


**W280**

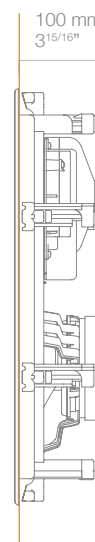


Sensitivity (1W@1m)	90 dB	90 dB
Cut Out Dimensions (H x W)	387 x 234 mm / 15 <sup>1/4</sup> " x 9 <sup>3/16</sup> "	387 x 234 mm / 15 <sup>1/4</sup> " x 9 <sup>3/16</sup> "
Mounting Depth	100 mm / 3 <sup>15/16</sup> "	100 mm / 3 <sup>15/16</sup> "
Power Handling (RMS)	120 W	120 W
Impedance	6 Ohms	6 Ohms
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**



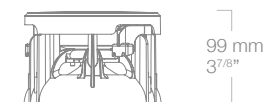
Sensitivity (1W@1m)	90 dB	90 dB
Cut Out Dimensions (H x W)	387 x 234 mm / 15 <sup>1/4</sup> " x 9 <sup>3/16</sup> "	387 x 234 mm / 15 <sup>1/4</sup> " x 9 <sup>3/16</sup> "
Mounting Depth	100 mm / 3 <sup>15/16</sup> "	100 mm / 3 <sup>15/16</sup> "
Power Handling (RMS)	150 W	150 W
Impedance	6 Ohms	6 Ohms
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

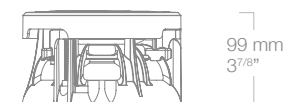
All of our Slim range speakers – whether used In-Ceiling or In-Wall – have a physical depth of less than 100 mm / 4", making installation in restricted depth, as well as standard stud walls, a trouble-free process.

## In-Ceiling / In-Wall

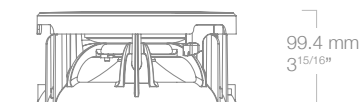
CS140 Round / Square



CS160 Round / Square



CS180 Round / Square



Sensitivity (1W@1m)	85 dB	88 dB	90 dB
Cut Out Diameter	149 mm / 5 <sup>7</sup> / <sub>8</sub> "	170 mm / 6 <sup>11</sup> / <sub>16</sub> "	213 mm / 8 <sup>3</sup> / <sub>8</sub> "
Mounting Depth	99 mm / 3 <sup>7</sup> / <sub>8</sub> "	99 mm / 3 <sup>7</sup> / <sub>8</sub> "	99.4 mm / 3 <sup>15</sup> / <sub>16</sub> "
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.



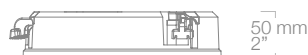
**NOTE :** All Slim models can be ordered as a round or square grille option.

# 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 <sup>1/4</sup> "
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.

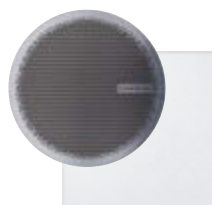
### CSS230

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<sup>1/2</sup>" 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 <sup>1</sup> / <sub>2</sub> x 4"	346 x 101 mm / 13 <sup>1</sup> / <sub>2</sub> x 4"	346 x 101 mm / 13 <sup>1</sup> / <sub>2</sub> 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.

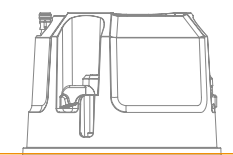
## In-Ceiling



### 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.

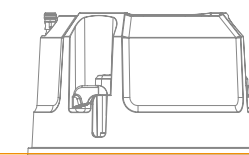
CP-CT150



151 mm  
5<sup>15/16</sup>"



CP-CT260

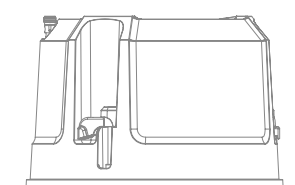


151 mm  
5<sup>15/16</sup>"



Sensitivity (1W@1m)	85 dB	88 dB
Cut Out Diameter	212 mm / 8 <sup>3/8</sup> "	244 mm / 9 <sup>5/8</sup> "
Mounting Depth	151 mm / 5 <sup>15/16</sup> "	151 mm / 5 <sup>15/16</sup> "
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

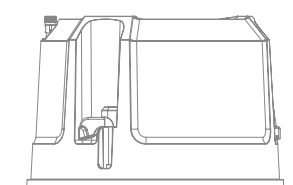
CP-CT380



181 mm  
7<sup>1/8</sup>"



CP-CT380IDC



181 mm  
7<sup>1/8</sup>"



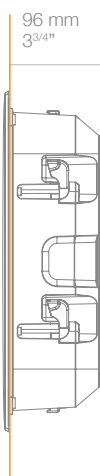
Sensitivity (1W@1m)	89 dB	89 dB
Cut Out Diameter	274 mm / 10 <sup>13/16</sup> "	274 mm / 10 <sup>13/16</sup> "
Mounting Depth	181 mm / 7 <sup>1/8</sup> "	181 mm / 7 <sup>1/8</sup> "
Power Handling (RMS)	120 W	120 W
Impedance	6 Ohms	6 Ohms
Driver Size & Technology	8" C-CAM RST driver 1" C-CAM pivoting 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

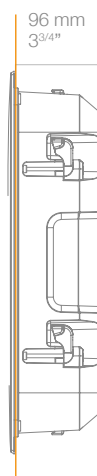


## In-Wall

CP-WT150

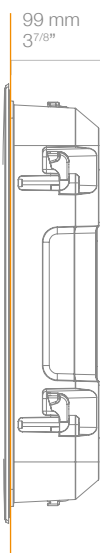


CP-WT260

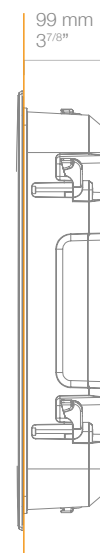


Sensitivity (1W@1m)	85 dB	88 dB
Cut Out Dimensions (H x W)	326 x 207 mm / 12 <sup>13/16</sup> " x 8 <sup>1/8</sup> "	381 x 228 mm / 15" x 9"
Mounting Depth	96 mm / 3 <sup>3/4</sup> "	96 mm / 3 <sup>3/4</sup> "
Power Handling (RMS)	50 W	65 W
Impedance	6 Ohms	6 Ohms
Driver Size & Technology	5" MMP II driver 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



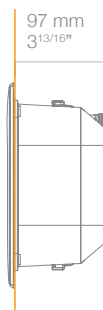
Sensitivity (1W@1m)	89 dB	89 dB
Cut Out Dimensions (H x W)	438 x 269 mm / 17 <sup>1/4</sup> " x 10 <sup>9/16</sup> "	438 x 269 mm / 17 <sup>1/4</sup> " x 10 <sup>9/16</sup> "
Mounting Depth	99 mm / 3 <sup>7/8</sup> "	99 mm / 3 <sup>7/8</sup> "
Power Handling (RMS)	120 W	120 W
Impedance	6 Ohms	6 Ohms
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

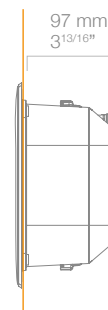


## In-Wall Centres

CP-WT140LCR



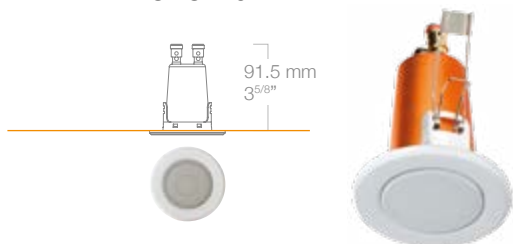
CP-WT240LCR



Sensitivity (1W@1m)	88 dB	88 dB
Cut Out Dimensions (H x W)	183 x 299 mm / 7 <sup>3</sup> / <sub>16</sub> " x 11 <sup>3</sup> / <sub>4</sub> "	183 x 299 mm / 7 <sup>3</sup> / <sub>16</sub> " x 11 <sup>3</sup> / <sub>4</sub> "
Mounting Depth	97 mm / 3 <sup>13</sup> / <sub>16</sub> "	97 mm / 3 <sup>13</sup> / <sub>16</sub> "
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 <sup>1</sup> / <sub>2</sub> "
Mounting Depth	91.5 mm / 3 <sup>5</sup> / <sub>8</sub> "
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

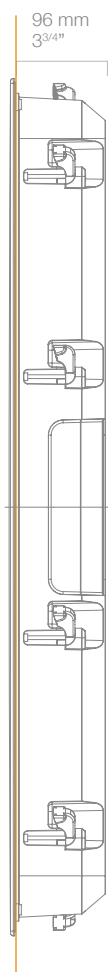
The CP-IW260X and CP-IW460X In-Wall designs have overcome the challenges of scale to deliver the natural, full range audio energy you would expect from a free-standing high-end box. In a leap of engineering ingenuity, we've distilled the know-how driving our hi-fi speakers into a super-compact In-Wall 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.



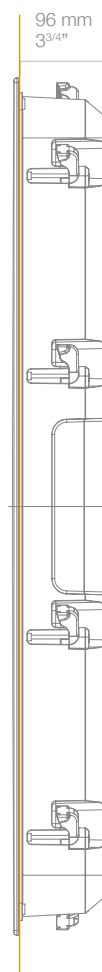
# Controlled Performance

## 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 <sup>21/32</sup> " x 9"	880 x 230 mm / 34 <sup>21/32</sup> " x 9"
Mounting Depth	96 mm / 3 <sup>3/4</sup> "	96 mm / 3 <sup>3/4</sup> "
Power Handling (RMS)	150 W	150 W
Impedance	6 Ohms	6 Ohms
Driver Size & Technology	2 x 6 <sup>1/2</sup> " 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 <sup>1/2</sup> " 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)





# 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.



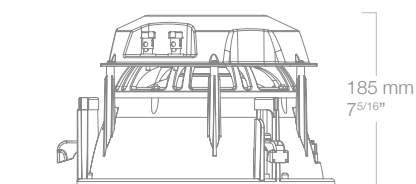
**MPD (Micro Pleated Diaphragm) High Frequency Transducer:** Developed over many months of intensive testing and listening, the MPD High Frequency Transducer is a landmark achievement by the engineering team for Platinum II. It represents an imaginative re-working of an existing technology, transforming 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 <sup>3/4</sup> "
Mounting Depth	185 mm / 7 <sup>5/16</sup> "
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<sup>1/2</sup> x 24<sup>3/4</sup> x 13<sup>3/4</sup>"  
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

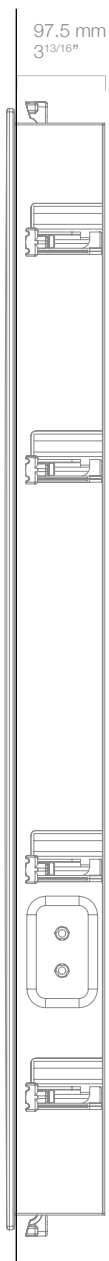
**PLATINUM II** In-Wall Speaker



# PLATINUM II

## In-Wall

Platinum In-Wall II



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

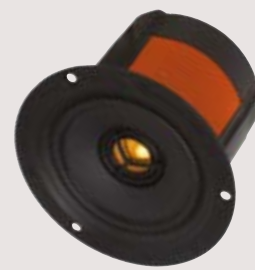
### Platinum In-Wall II

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 <sup>7/16</sup> x 11 <sup>7/8</sup> "
Mounting Depth	97.5 mm / 3 <sup>13/16</sup> "
Power Handling (RMS)	200 W
Impedance	4 Ohms (3.7 Ohms min. @ 2.8 kHz)
Driver Size & Technology	2 x 6 <sup>1/2</sup> " 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

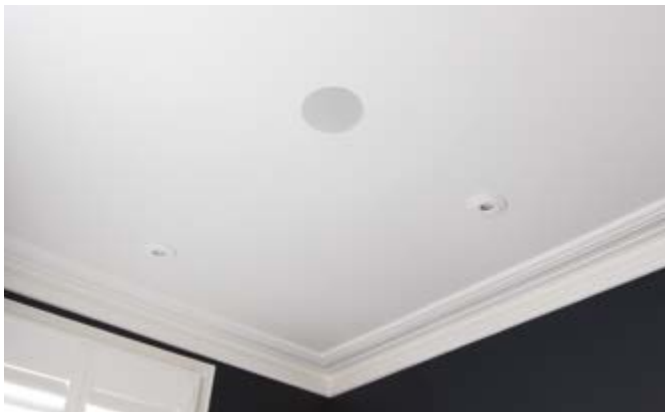


# Flush Fit



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



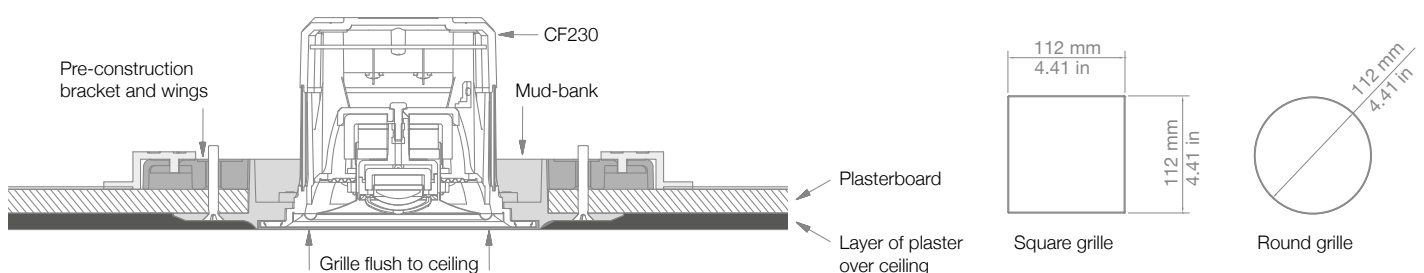
Sensitivity (1W@1m)	82.5 dB
Cut Out Diameter	Flush Fit 120 mm / 4 <sup>3/4</sup> "
	Retrofit 90 mm / 3 <sup>9/16</sup> "
Overall Depth (With Grille)	83.62 mm / 3 <sup>5/16</sup> "
Power Handling (RMS)	30 W – Full range – IEC268-5 rating 100 W – Music program (Using High Pass crossover filter @120 Hz)
Impedance	8 Ohms
Driver Size & Technology	3 <sup>1/2</sup> " 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

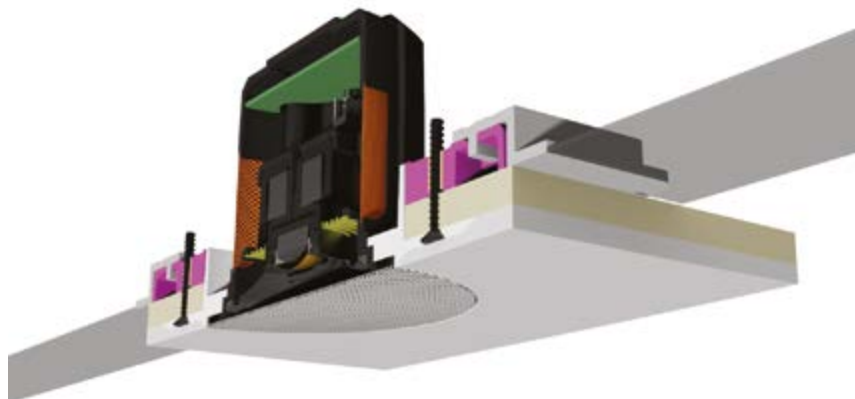
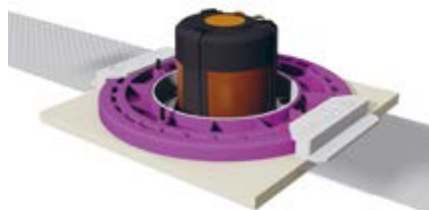


Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.

# Flush Fit

## Brackets and Grilles

### 1. Pre-Construction Flush Fit



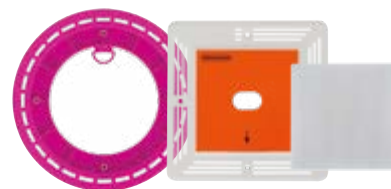
Once skimmed with plaster the pre-construction set-up CF230 package enables a seamless, flush fit appearance. You get clean lines, with no shadow-creating edges, and paint the grille to match the ceiling and the speaker disappears even further into the background. Order either round or square option.

#### Pre-Construction Flush Fit Installation Kits

##### CFB3-R (Round)



##### CFB3-SQ (Square)

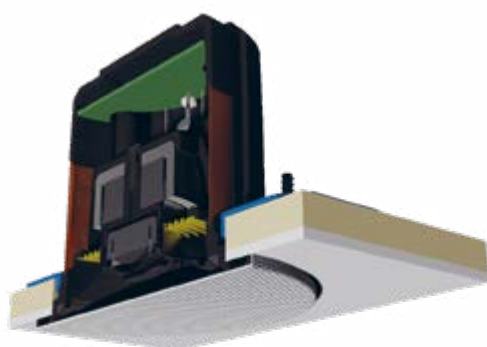
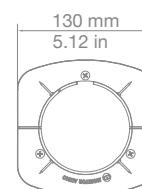


### 2. Retrofit

#### 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](https://vimeo.com/monitoraudio/cf230)

#### ICS-8

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

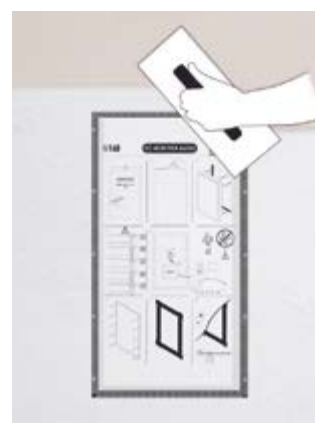




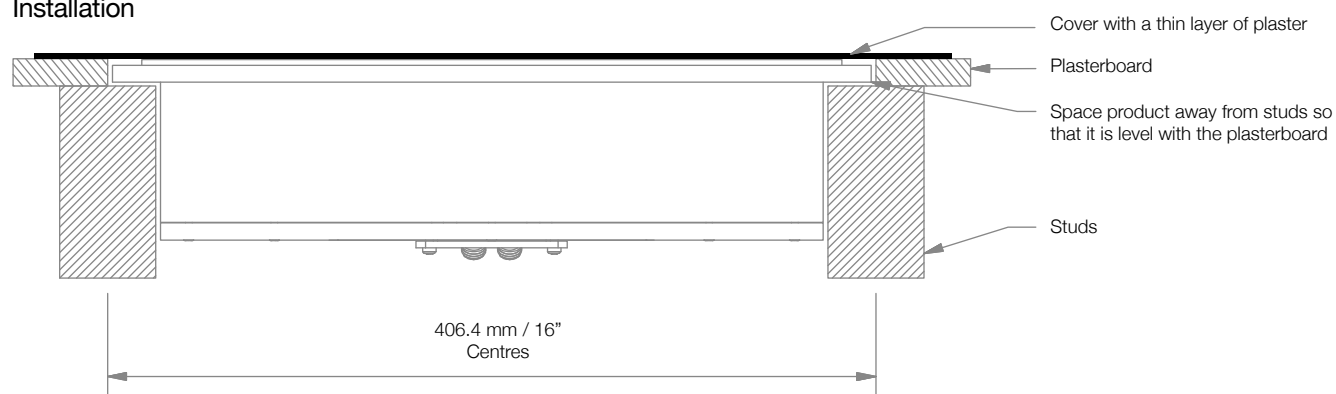
# Invisible

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

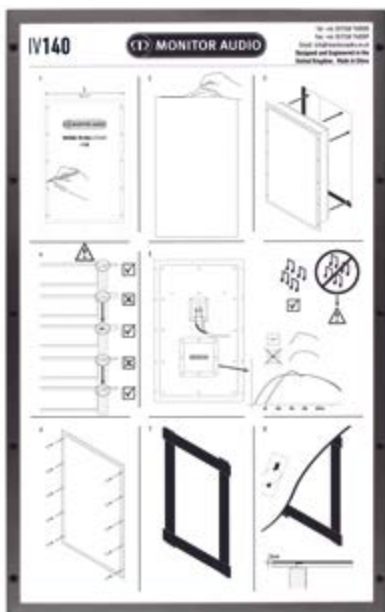


### Installation



# Invisible

IV140

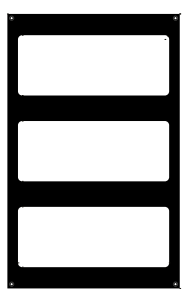
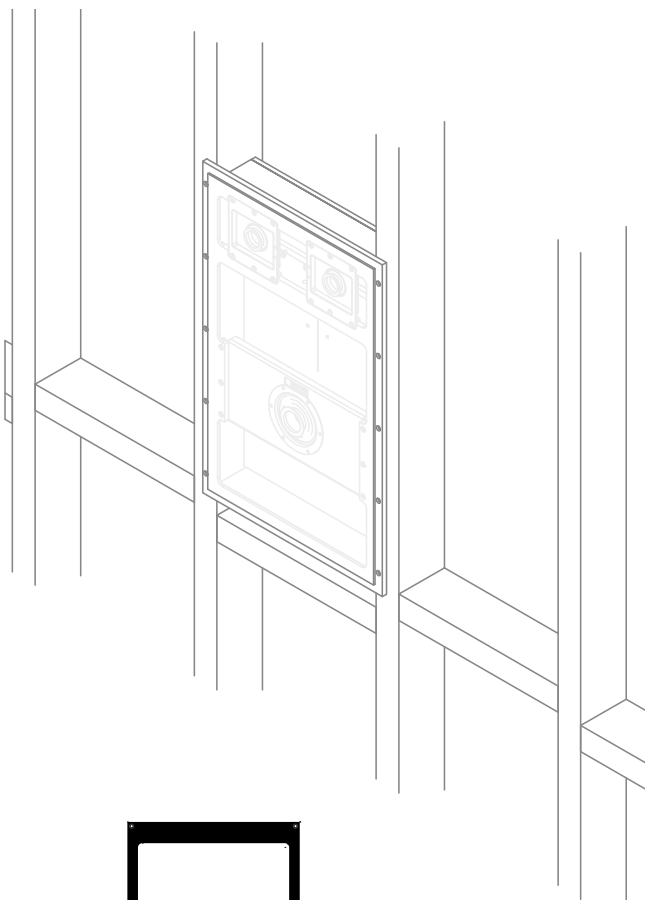


Closed back

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 <sup>1/4</sup> " x 13 <sup>3/16</sup> "
Mounting Depth	94 mm / 3 <sup>11/16</sup> "
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

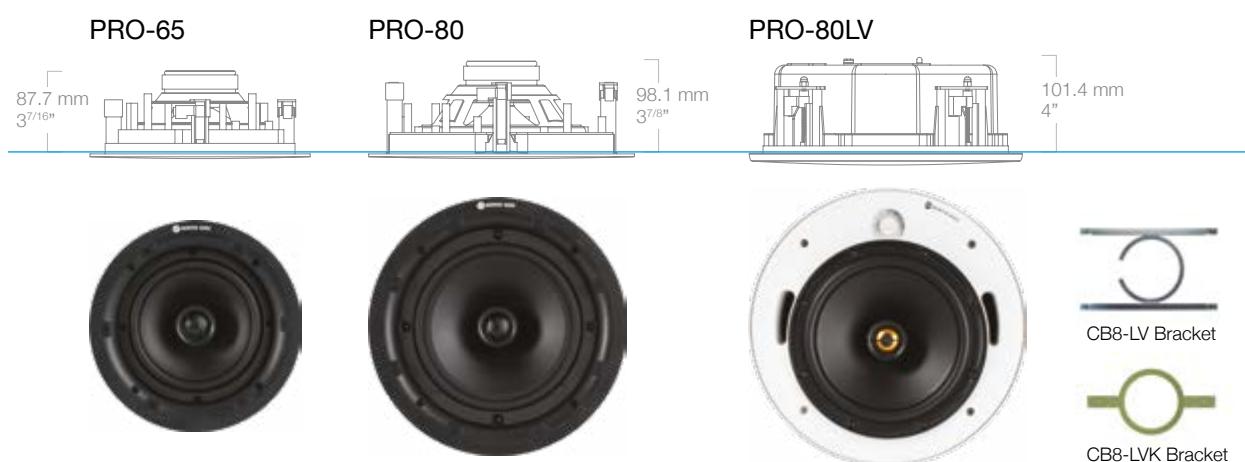
Installation Guide video available, scan the QR code or visit:  
[vimeo.com/monitoraudio/iv140](https://vimeo.com/monitoraudio/iv140)

# 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 <sup>1</sup> / <sub>16</sub> "	248 mm / 9 <sup>3</sup> / <sub>4</sub> "	266 mm / 10 <sup>1</sup> / <sub>2</sub> "
Mounting Depth	87.7 mm / 3 <sup>7</sup> / <sub>16</sub> "	98.1 mm / 3 <sup>7</sup> / <sub>8</sub> "	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 <sup>1</sup> / <sub>2</sub> " 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





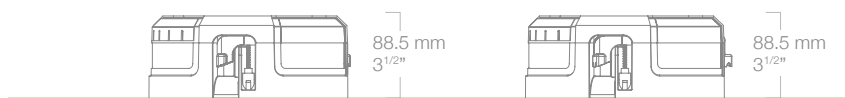
# All Weather

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**

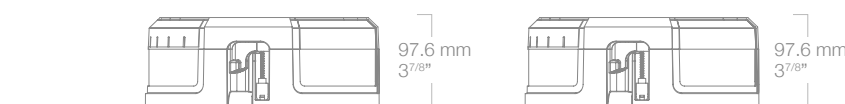
**AWC265-T2**



Sensitivity (1W@1m)	88 dB	88 dB (both channels driven)
Cut Out Diameter	211 mm / 8 <sup>1</sup> / <sub>4</sub> "	211 mm / 8 <sup>1</sup> / <sub>4</sub> "
Mounting Depth	88.5 mm / 3 <sup>1</sup> / <sub>2</sub> "	88.5 mm / 3 <sup>1</sup> / <sub>2</sub> "
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 <sup>1</sup> / <sub>2</sub> " C-CAM driver 1" C-CAM Gold Dome tweeter HF level switch	6 <sup>1</sup> / <sub>2</sub> " 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

**AWC280**

**AWC280-T2**



Gold plated push terminals with silicone cover



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

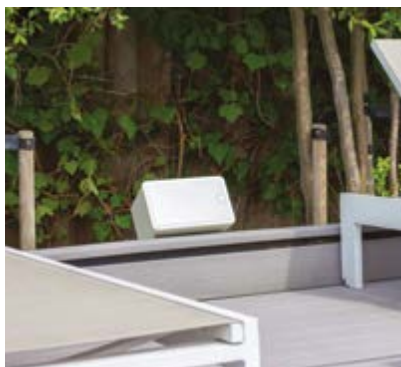
Sensitivity (1W@1m)	89 dB	89 dB (both channels driven)
Cut Out Diameter	247 mm / 9 <sup>3</sup> / <sub>4</sub> "	247 mm / 9 <sup>3</sup> / <sub>4</sub> "
Mounting Depth	97.6 mm / 3 <sup>7</sup> / <sub>8</sub> "	97.6 mm / 3 <sup>7</sup> / <sub>8</sub> "
Power Handling (RMS)	100 W	100 W
Impedance	8 Ohms / 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



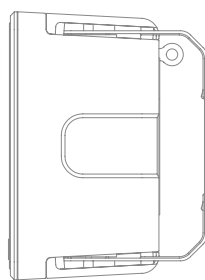
Speaker position can be fine tuned by using optional 15° angle block



Vertical or horizontal orientation. Rotational 'M' logo

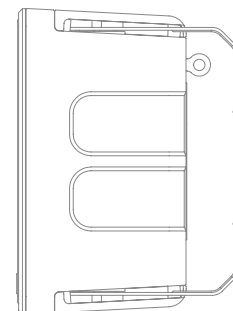
### Climate 50

210.4 mm / 8<sup>5</sup>/<sub>16</sub>"



### Climate 60

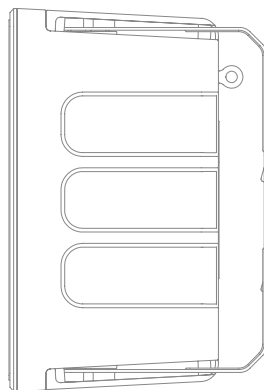
235.4 mm / 9<sup>5</sup>/<sub>16</sub>"



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

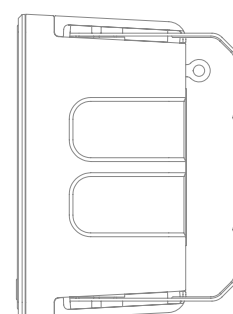
### Climate 80

273 mm / 10<sup>3</sup>/<sub>4</sub>"



### Climate 60-T2

235.4 mm / 9<sup>5</sup>/<sub>16</sub>"



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 <sup>15</sup> / <sub>16</sub> x 9 <sup>1</sup> / <sub>16</sub> x 8 <sup>12</sup> / <sub>16</sub> " (Overall Depth With Bracket: 273 mm / 10 <sup>3</sup> / <sub>4</sub> "	325 x 185 x 180 mm / 12 <sup>13</sup> / <sub>16</sub> x 7 <sup>5</sup> / <sub>16</sub> x 7 <sup>2</sup> / <sub>16</sub> " (Overall Depth With Bracket: 235.4 mm / 9 <sup>5</sup> / <sub>16</sub> "
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 <sup>1</sup> / <sub>2</sub> " 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 <sup>1/4</sup> x 9 <sup>9/16</sup> x 5 <sup>7/8</sup> " (Overall Depth with Bracket: V-MOUNT 175.4 mm / 6 <sup>7/8</sup> " )
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

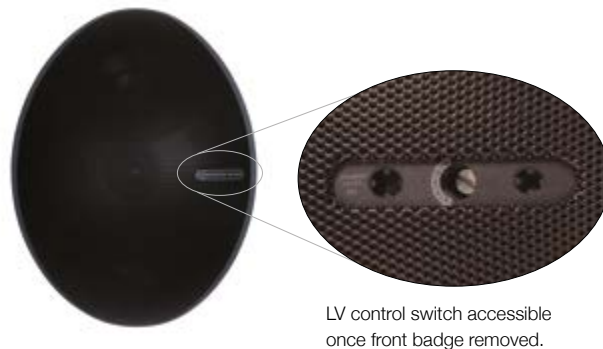
#### Vecta

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 <sup>1/4</sup> x 9 <sup>9/16</sup> x 5 <sup>7/8</sup> " (Overall Depth with Bracket: V-MOUNT 175.4 mm / 6 <sup>7/8</sup> " )
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.



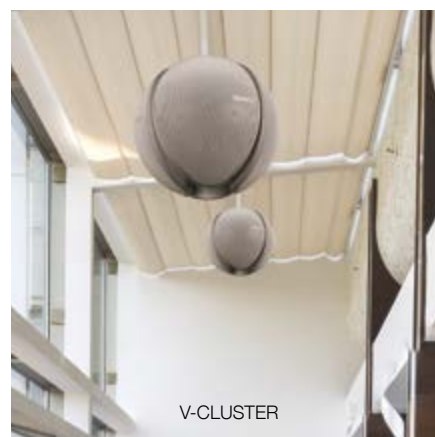
Intelligent automatic connection system



# 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.

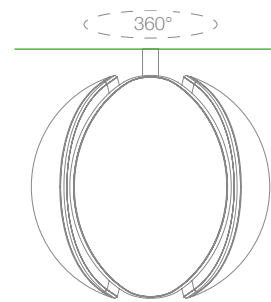
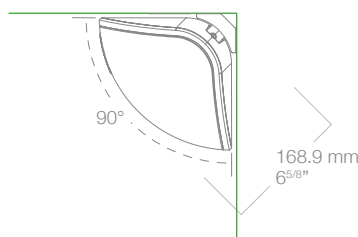
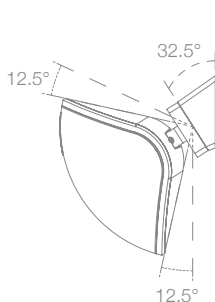
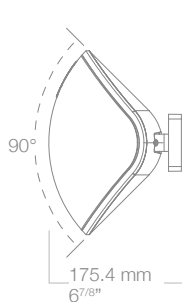


V-MOUNT

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

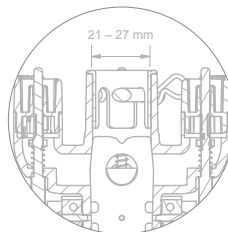
Once slotted onto the V-CLUSTER bracket to form a sphere, the V240-LV speakers will provide near-perfect 360-degree sonic coverage in the horizontal plane. Enhanced vertical dispersion is provided by the natural curvature of the Vecta's design and its wide dispersion driver array. Fitting is completed 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

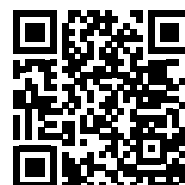
The V-CLUSTER bracket facilitates installation of the Vecta V240-LV speakers with a variety of general-purpose ceiling-fan-pole assemblies available from many manufacturers. Since different fan-pole assemblies have different weight capacities, pole diameters and mounting systems, it is the customer's 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](https://vimeo.com/monitormedia/vecta)



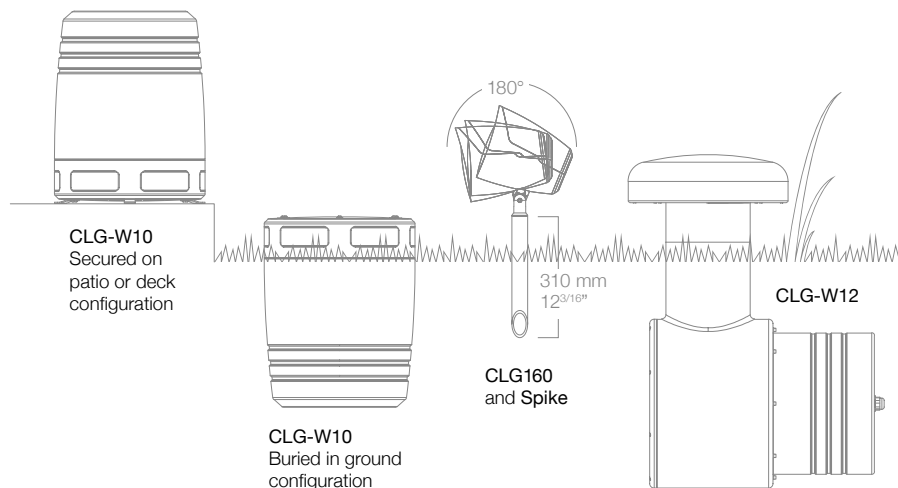
# Climate Garden System

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.

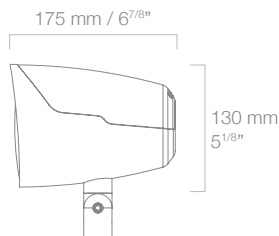
Comprising the CLG140 and CLG160 satellite speakers and CLG-W10 and CLG-W12 subwoofers 'daisy-chained' together in 70/100 V line arrays of up to sixteen satellites and three subwoofers, the set-up is expandable by adding additional satellite, subwoofer and amplifier sets according to garden size. Operating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

CLG140 and Mount

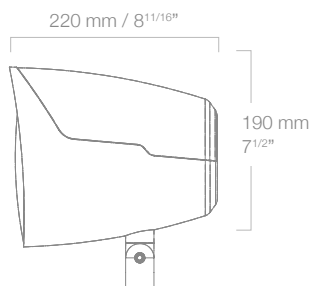


## In-Ground / Mounted

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 <sup>1</sup> / <sub>8</sub> x 6 <sup>7</sup> / <sub>8</sub> "	190 x 220 mm 7 <sup>1</sup> / <sub>2</sub> x 8 <sup>11</sup> / <sub>16</sub> "
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.

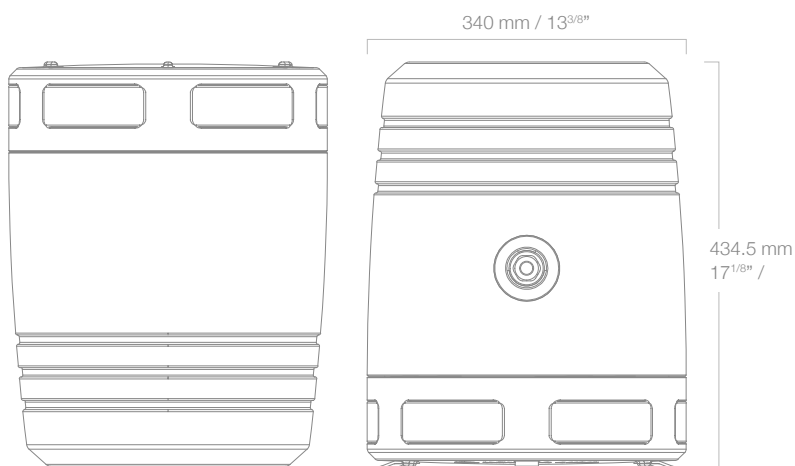


CLG-W10 can sit on the surface of a deck or patio area.

#### 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 <sup>3/8</sup> " x 17 <sup>1/8</sup> "
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



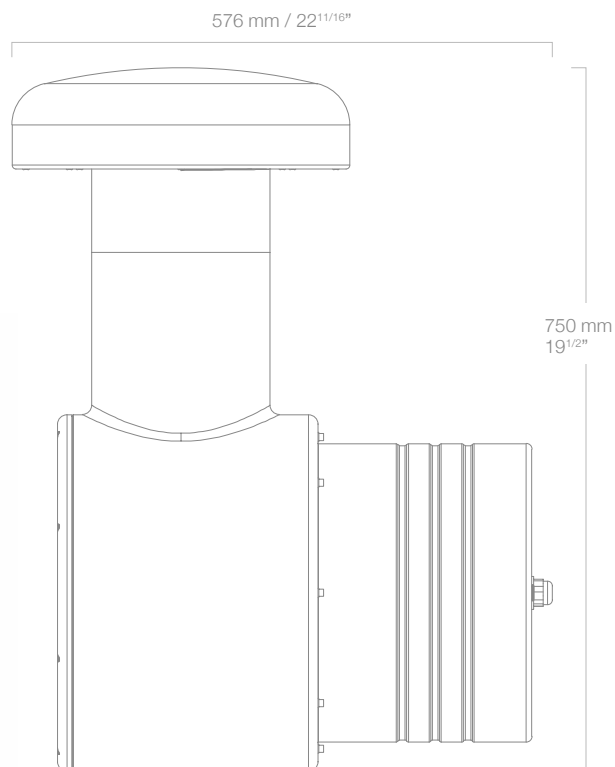
### CLG-W12



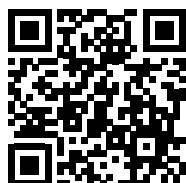
CLG-W12 below ground garden installation. On patios or decks install within a suitably sized planter.

#### 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 <sup>1/2</sup> " x 14 <sup>15/16</sup> " x 22 <sup>11/16</sup> "
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](https://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 <sup>1/4</sup> x 11 x 15 <sup>9/16</sup> "
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](https://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)



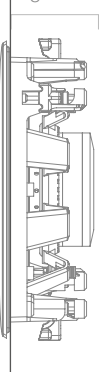
85 mm  
3<sup>11</sup>/<sub>32</sub>"



### IWS-10



90 mm  
3<sup>1</sup>/<sub>2</sub>"



Sensitivity (1W@1m)	86 dB
Cut Out Dimensions (H x W)	280 x 280 mm / 11 x 11"
Mounting Depth	90 mm / 3 <sup>1</sup> / <sub>2</sub> "
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 / 33<sup>1</sup>/<sub>2</sub> x 13<sup>13</sup>/<sub>16</sub> x 3<sup>11</sup>/<sub>32</sub>"  
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 <sup>3</sup> / <sub>4</sub> x 17 x 10 <sup>3</sup> / <sub>8</sub> "
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 <sup>5/8</sup> x 10 <sup>1/4</sup> x 10 <sup>7/8</sup> "	315 x 305 x 320 mm 12 <sup>3/8</sup> x 12 x 12 <sup>5/8</sup> "
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)	47 x 438 x 238 mm 1 <sup>7/8</sup> x 17 <sup>1/4</sup> x 9 <sup>3/8</sup> ”
Width (Including rack brackets)	482 mm / 19”

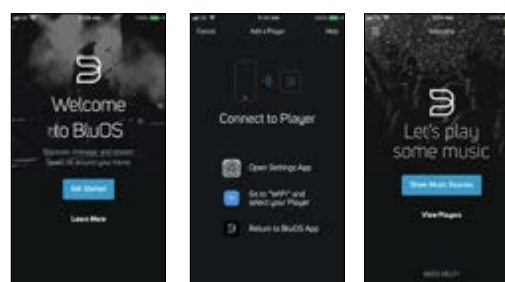
The IMS-4 music streamer is the latest addition to our range of superior custom install solutions. Its discreet design and slimline form ensure that it occupies just 1U of rack space.

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.

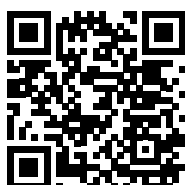
### IMS-4 Features:

- 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
- IMS-4 is covered by the Monitor Audio standard 5 Year Warranty

### BluOS Controller App



Instructional videos available, scan the QR code or visit: [vimeo.com/monitoraudio/ims-4](https://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 mm<sup>2</sup>) 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 <sup>11</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>4</sub> x 16 <sup>13</sup> / <sub>16</sub> "	
Height (With feet)	52.8 mm / 2 <sup>1</sup> / <sub>16</sub> "	
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 <sup>7</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>4</sub> x 16 <sup>13</sup> / <sub>16</sub> "	
Height (With feet)	97.2 mm / 3 <sup>13</sup> / <sub>16</sub> "	
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.

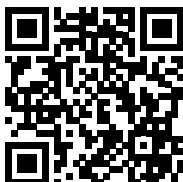


Works with:



Instructional videos available, scan the QR code or visit:

[vimeo.com/monitordaudio/ci-amps](https://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 <sup>7/16</sup> x 17 <sup>1/4</sup> x 16 <sup>13/16</sup> "	
Height (With feet)	97.2 mm / 3 <sup>13/16</sup> "	
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 <sup>11/16</sup> x 17 <sup>1/4</sup> x 16 <sup>13/16</sup> "	
Height (With feet)	52.8 mm / 2 <sup>1/16</sup> "	
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 <sup>11/16</sup> x 17 <sup>1/4</sup> x 16 <sup>13/16</sup> "	
Height (With feet)	52.8 mm / 2 <sup>1/16</sup> "	
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

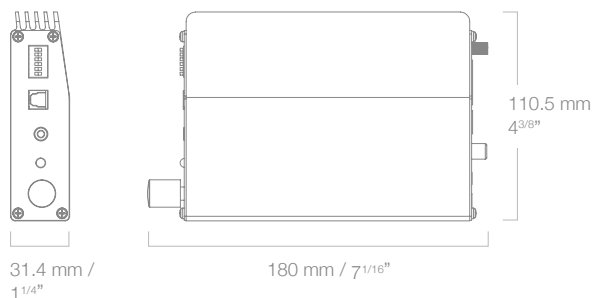


'Connect' IP control	RS232	
EQ dip switches apply a 3 dB boost	120 Hz, 1500 Hz, and 8 kHz	
Channel Number	3	
Power (W / Channel)	4 Ohms @ 1 kHz	60 W @ 1% THD+N for 2 Channel 40 W @ 1% THD+N for 3 Channel
	8 Ohms @ 1 kHz	50 W @ 1% THD+N for 2 Channel 30 W @ 1% THD+N for 3 Channel
	70V	N/A
Input Impedance	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 <sup>1/4</sup> x 7 <sup>1/16</sup> x 4 <sup>3/8</sup> "	
Dimensions (Including Mounting Brackets (H x W x D))	32.6 x 196 x 182.5 mm 1 <sup>5/16</sup> x 7 <sup>11/16</sup> x 7 <sup>3/16</sup> "	
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:

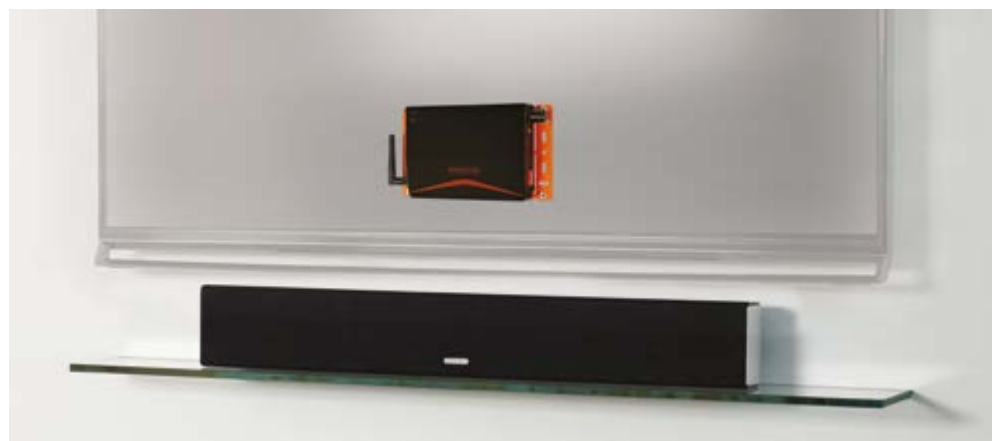
[monitoraudio.com/en/ia40-3-videos/](https://monitoraudio.com/en/ia40-3-videos/)



**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 <sup>13/16</sup> x 43 <sup>9/16</sup> x 3 <sup>11/16</sup> "	147 x 1307 x 93 mm 5 <sup>13/16</sup> x 51 <sup>7/16</sup> x 3 <sup>11/16</sup> "	147 x 1562 x 92 mm 5 <sup>13/16</sup> x 61 <sup>1/2</sup> x 3 <sup>5/8</sup> "
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 <sup>11/16</sup> x 13 <sup>3/4</sup> "	751 x 201 mm 29 <sup>1/2</sup> x 7 <sup>7/8</sup> "	251 x 251 mm 9 <sup>7/8</sup> x 9 <sup>7/8</sup> "
In-Wall Mounting Depth	75 mm / 2 <sup>15/16</sup> "	75 mm / 2 <sup>15/16</sup> "	59.5 mm / 2 <sup>5/16</sup> "
In-Wall Overall Dimensions (H x W x D)	552 x 402 x 88.25 mm 21 <sup>3/4</sup> x 15 <sup>13/16</sup> " x 3 <sup>1/2</sup> "	802.5 x 252.5 x 87.5 mm 31 <sup>5/8</sup> x 9 <sup>15/16</sup> " x 3 <sup>7/16</sup> "	301.5 x 301.5 x 77.5 mm 11 <sup>7/8</sup> x 11 <sup>7/8</sup> " x 3 <sup>1/16</sup> "
On-Wall Overall Dimensions (H x W x D)	540 x 390 x 87.5 mm 21 <sup>1/4</sup> x 15 <sup>3/8</sup> x 3 <sup>7/16</sup> "	790 x 240 x 87.5 mm 31 <sup>1/8</sup> x 9 <sup>7/16</sup> x 3 <sup>7/16</sup> "	289 x 289 x 77.5 mm 11 <sup>3/8</sup> x 11 <sup>3/8</sup> x 3"
Power Handling (RMS)	100 W	100 W	50 W
Impedance	8 Ohms	8 Ohms	8 Ohms
Driver Size & Technology	6 <sup>1/2</sup> " C-CAM RST driver Pivoting IDC module (4" C-CAM RST inverted mid-range driver, 1" C-CAM Gold Dome tweeter) HF Control	6 <sup>1/2</sup> " 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.

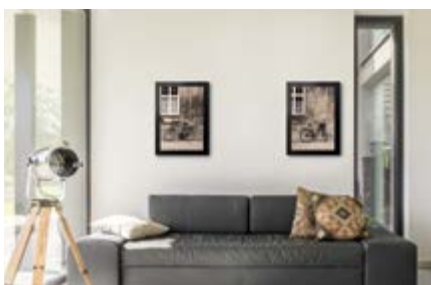
### SoundFrame 3

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

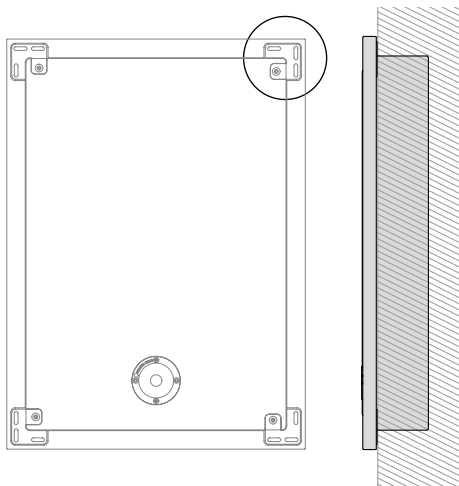


SoundFrame 3

## In-Wall

### In-Wall fixings

Product fixed into wall using corner brackets

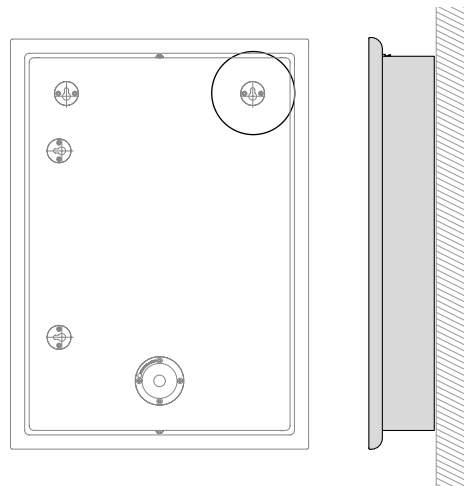


Grille removed

## On-Wall

### On-Wall fixings

Product hangs on wall via keyhole fixings



### Exploded view

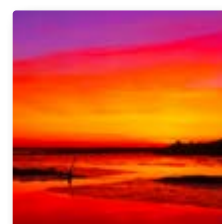
Frame and grille attached using pegs and sockets



Cabinet

Frame

Grille



Images above show examples of additional customised SoundFrame 3 Frameless grilles



Vertical or horizontal orientation



Explanation video available, scan the QR code or visit: [vimeo.com/monitoraudio/soundframe](https://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?



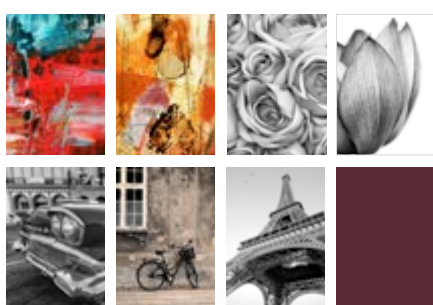
### Library Grille



### 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](https://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.

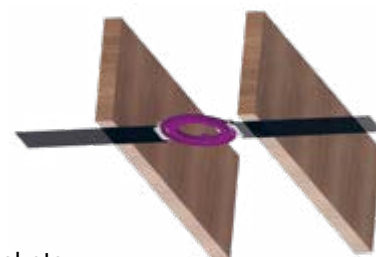
# Accessories

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**

CB4	Page
CS140	12

**CB5**

CB5	Page
CS160	12

**CB6**

CB6	Page
C165	8
C165-T2	8
C265	8
C265-IDC	8
C265-FX	8
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



# Back Boxes

## In-Ceiling Concrete

### CCBOX-R



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

### CCBOX-L



Overall dimensions:  
330 x 330 x 165 mm / 13 x 13 x 6<sup>1/2</sup>"  
Internal depth (max.): 155 mm / 6<sup>1/8</sup>"  
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](https://vimeo.com/monitoraudio/ccbox)



## In-Ceiling MDF

### CMBOX-R



Overall dimensions:  
300 x 350 x 160 mm / 11<sup>13/16</sup> x 13<sup>3/4</sup> x 6<sup>5/16</sup>"  
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<sup>1/4</sup> x 17<sup>1/8</sup> x 4<sup>3/4</sup>"  
Internal depth (max.): 105 mm / 4<sup>1/8</sup>"  
Cut out dimensions: 387 x 234 mm / 15<sup>1/4</sup> x 9<sup>3/16</sup>"  
Internal volume 14.8 L



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

[vimeo.com/monitoraudio/wcbox](https://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<sup>13/16</sup>"

B: 285 mm / 11<sup>1/4</sup>"

C: 309 mm / 12<sup>3/16</sup>"



## 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<sup>3/8</sup>". Height: 7.65 mm / <sup>5</sup>/<sub>16</sub>"

Models	PGR-6	Page
<b>Core</b>		
C165 C165-T2 C265 C265-IDC C265-FX	•	8
<b>Super Slim</b>		
CSS230	•	13
<b>Controlled Performance</b>		
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
<b>Core</b>					
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
<b>Slim</b>					
CS140**	-	GCWT4SQ	-	GCWT4R	12
CS160**		GCWT6SQ		GCWT6R	
CS180**		GCWT8SQ		GCWT8R	
<b>Super Slim</b>					
CSS230	A	GCPCT6SQ	G20PKCT6SQ	GCI65T	13
<b>Controlled Performance</b>					
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
<b>Platinum II</b>					
PLIC II	C	GCP8SQ	G20PKCP8SQ	GCPCT380	21
<b>Flush Fit</b>					
CF230***	-	CFB3SQ	-	CFB3R	24
<b>Pro</b>					
PRO-65	-	-	-	GPRO65	28
PRO-80	B	GCPCT8SQ	G20PKCPCT8SQ	GPRO80	
PRO-80LV	-	-	-	GPRO80LV	
<b>All Weather</b>					
AWC265 AWC265-T2	A	GAWC6SQ	G20PKAWC6SQ	GAWC6	30
AWC280 AWC280-T2	B	GAWC8SQ	G20PKAWC8SQ	GAWC8	
<b>Custom Subwoofers</b>					
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
<b>Core</b>		
W150-LCR W250-LCR	GWTLCRSQ	10
W165 W265	GCI65WTSQ	10
W180 W280 W280-IDC W380-IDC	GCI8WTSQ	11
<b>Super Slim</b>		
WSS130 WSS230 WSS430	GSIW	14
<b>Controlled Performance</b>		
CP-WT150	GCPWT150	16
CP-WT260	GCPWT260	
CP-WT380 CP-CW380IDC	GCPWT380	
CP-WT140LCR CP-WT240LCR	GCPWTLR	17
CP-IW260X CP-IW460X	GCPWIX	18
<b>Platinum II</b>		
PL IN-WALL II	GPIW	23
<b>Custom Subwoofers</b>		
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](http://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. 3<sup>9</sup>/<sub>16</sub> x 2<sup>11</sup>/<sub>16</sub>"

Overall dimensions with long arm:  
Dia. 90.9 x 136.1 mm / Dia. 3<sup>9</sup>/<sub>16</sub> x 5<sup>3</sup>/<sub>8</sub>"

### Compatible with

<b>MASM</b>
<b>Models</b>
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

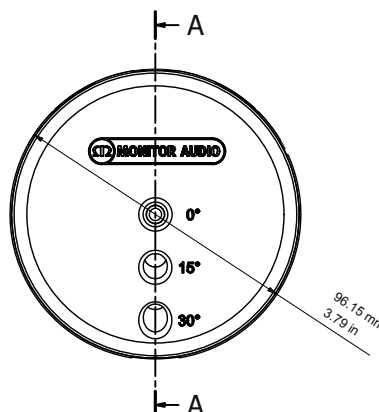
### Compatible with

<b>FIX-M</b>
<b>Models</b>
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. 3<sup>13</sup>/<sub>16</sub> x 3<sup>1</sup>/<sub>8</sub>"

Overall dimensions with long arm:  
Dia. 96.2 x 128.8 mm  
Dia. 3<sup>13</sup>/<sub>16</sub> x 5<sup>1</sup>/<sub>16</sub>"



Installation Guide video available, scan the QR code or visit: [vimeo.com/monitoraudio/fix-m](https://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	<b>C165</b>	<b>C165-T2</b>	<b>C265</b>	<b>C265-IDC</b>	<b>C265-FX</b>	<b>C180</b>	<b>C180-T2</b>	<b>C280</b>	<b>C280-IDC*</b>	<b>C380-IDC*</b>	<b>C380-FX*</b>
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 <sup>1/4</sup> "	211 mm / 8 <sup>1/4</sup> "	211 mm / 8 <sup>1/4</sup> "	211 mm / 8 <sup>1/4</sup> "	211 mm / 8 <sup>1/4</sup> "	247 mm / 9 <sup>3/4</sup> "	247 mm / 9 <sup>3/4</sup> "	247 mm / 9 <sup>3/4</sup> "	247 mm / 9 <sup>3/4</sup> "	247 mm / 9 <sup>3/4</sup> "	247 mm / 9 <sup>3/4</sup> "
Mounting Depth	116 mm / 4 <sup>9/16</sup> "	116 mm / 4 <sup>9/16</sup> "	116 mm / 4 <sup>9/16</sup> "	150 mm / 5 <sup>7/8</sup> "	150 mm / 5 <sup>7/8</sup> "	122 mm / 4 <sup>13/16</sup> "	122 mm / 4 <sup>13/16</sup> "	122 mm / 4 <sup>13/16</sup> "	157 mm / 6 <sup>3/16</sup> "	157 mm / 6 <sup>3/16</sup> "	157 mm / 6 <sup>3/16</sup> "
Overall Depth (With Grille)	120 mm / 4 <sup>3/4</sup> "	120 mm / 4 <sup>3/4</sup> "	120 mm / 4 <sup>3/4</sup> "	154 mm / 6 <sup>1/16</sup> "	154 mm / 6 <sup>1/16</sup> "	126 mm / 4 <sup>15/16</sup> "	126 mm / 4 <sup>15/16</sup> "	126 mm / 4 <sup>15/16</sup> "	161 mm / 6 <sup>5/16</sup> "	161 mm / 6 <sup>5/16</sup> "	161 mm / 6 <sup>5/16</sup> "
Overall Diameter (With Grille)	250 mm / 9 <sup>13/16</sup> "	250 mm / 9 <sup>13/16</sup> "	250 mm / 9 <sup>13/16</sup> "	250 mm / 9 <sup>13/16</sup> "	250 mm / 9 <sup>13/16</sup> "	285 mm / 11 <sup>1/4</sup> "	285 mm / 11 <sup>1/4</sup> "	285 mm / 11 <sup>1/4</sup> "	285 mm / 11 <sup>1/4</sup> "	285 mm / 11 <sup>1/4</sup> "	285mm / 11 <sup>1/4</sup> "
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 <sup>1/2</sup> " MMP II driver 1" C-CAM tweeter	6 <sup>1/2</sup> " MMP II driver 2 x 1" C-CAM tweeters	6 <sup>1/2</sup> " C-CAM driver 1" C-CAM tweeter	6 <sup>1/2</sup> " C-CAM driver 4" C-CAM RST driver 1" C-CAM tweeter	6 <sup>1/2</sup> " 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 <sup>3/8</sup> "	238.6 mm / 9 <sup>3/8</sup> "	238.6 mm / 9 <sup>3/8</sup> "	238.6 mm / 9 <sup>3/8</sup> "	238.6 mm / 9 <sup>3/8</sup> "	-	-	-	-	-	-
Additional Square Grille Dimensions	249 mm / 9 <sup>13/16</sup> "	249 mm / 9 <sup>13/16</sup> "	249 mm / 9 <sup>13/16</sup> "	249 mm / 9 <sup>13/16</sup> "	249 mm / 9 <sup>13/16</sup> "	285 mm / 11 <sup>1/4</sup> "	285 mm / 11 <sup>1/4</sup> "	285 mm / 11 <sup>1/4</sup> "	285 mm / 11 <sup>1/4</sup> "	285 mm / 11 <sup>1/4</sup> "	285 mm / 11 <sup>1/4</sup> "
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	<b>W150-LCR</b>	<b>W250-LCR</b>	<b>W165</b>	<b>W265</b>	<b>W180</b>	<b>W280</b>	<b>W280-IDC</b>	<b>W380-IDC</b>	
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 <sup>3/4</sup> x 13 <sup>7/8</sup> "	145 x 353 mm 5 <sup>3/4</sup> x 13 <sup>7/8</sup> "	332 x 213 mm 13 <sup>1/16</sup> x 8 <sup>3/8</sup> "	332 x 213 mm 13 <sup>1/16</sup> x 8 <sup>3/8</sup> "	387 x 234 mm 15 <sup>1/4</sup> x 9 <sup>3/16</sup> "	387 x 234 mm 15 <sup>1/4</sup> x 9 <sup>3/16</sup> "	387 x 234 mm 15 <sup>1/4</sup> x 9 <sup>3/16</sup> "	387 x 234 mm 15 <sup>1/4</sup> x 9 <sup>3/16</sup> "	387 x 234 mm 15 <sup>1/4</sup> x 9 <sup>3/16</sup> "
Mounting Depth	100.2 mm / 4"	100.2 mm / 4"	92 mm / 3 <sup>5/8</sup> "	92 mm / 3 <sup>5/8</sup> "	100 mm / 3 <sup>15/16</sup> "	100 mm / 3 <sup>15/16</sup> "	100 mm / 3 <sup>15/16</sup> "	100 mm / 3 <sup>15/16</sup> "	100 mm / 3 <sup>15/16</sup> "
Overall Depth (With Grille)	105 mm / 4 <sup>1/8</sup> "	105 mm / 4 <sup>1/8</sup> "	96 mm / 3 <sup>3/4</sup> "	96 mm / 3 <sup>3/4</sup> "	104 mm / 4 <sup>1/8</sup> "	104 mm / 4 <sup>1/8</sup> "	104 mm / 4 <sup>1/8</sup> "	104 mm / 4 <sup>1/8</sup> "	104 mm / 4 <sup>1/8</sup> "
Overall Dimensions (With Grille) (H x W)	177.4 x 385.2 mm 7 x 15 <sup>3/16</sup> "	177.4 x 385.2 mm 7 x 15 <sup>3/16</sup> "	370 x 250 mm 14 <sup>9/16</sup> x 9 <sup>13/16</sup> "	370 x 250 mm 14 <sup>9/16</sup> x 9 <sup>13/16</sup> "	441 x 288 mm 17 <sup>3/8</sup> x 11 <sup>5/16</sup> "	441 x 288 mm 17 <sup>3/8</sup> x 11 <sup>5/16</sup> "	441 x 288 mm 17 <sup>3/8</sup> x 11 <sup>5/16</sup> "	441 x 288 mm 17 <sup>3/8</sup> x 11 <sup>5/16</sup> "	441 x 288 mm 17 <sup>3/8</sup> x 11 <sup>5/16</sup> "
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 <sup>1/2</sup> " MMP II driver 1" C-CAM tweeter	6 <sup>1/2</sup> " 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

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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	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 <sup>7/8</sup> "	170 mm 6 <sup>11/16</sup> "	213 mm 8 <sup>3/8</sup> "	211 mm 8 <sup>1/4</sup> "	346 x 101 mm 13 <sup>1/2</sup> x 4"	346 x 101 mm 13 <sup>1/2</sup> x 4"	346 x 101 mm 13 <sup>1/2</sup> x 4"	
Mounting Depth	99 mm / 3 <sup>7/8</sup> "	99 mm / 3 <sup>7/8</sup> "	99.4 mm / 3 <sup>15/16</sup> "	50 mm / 2"	50 mm / 2"	50 mm / 2"	50 mm / 2"	
Overall Depth (With Grille)	103.4 mm 4 <sup>1/16</sup> "	102.8 mm 4 <sup>1/16</sup> "	103.3 mm 4 <sup>1/16</sup> "	54 mm 2 <sup>1/8</sup> "	54.25 mm 2 <sup>1/8</sup> "	54.25 mm 2 <sup>1/8</sup> "	54.25 mm 2 <sup>1/8</sup> "	
Overall Diameter or Dimensions (With Grille) (H x W)	Round: 180.2 mm / 7 <sup>1/8</sup> " Square: 176.7 x 176.7 mm 6 <sup>15/16</sup> x 6 <sup>15/16</sup> "	Round: 204.2 mm / 8 <sup>1/8</sup> " Square: 199.2 x 199.2 mm 7 <sup>13/16</sup> x 7 <sup>13/16</sup> "	Round: 251.7 mm / 9 <sup>15/16</sup> " Square: 246.7 x 246.7 mm 9 <sup>11/16</sup> x 9 <sup>11/16</sup> "	250 mm 9 <sup>13/16</sup> "	385 x 140.5 mm 15 x 5 <sup>1/2</sup> "	385 x 140.5 mm 15 x 5 <sup>1/2</sup> "	385 x 140.5 mm 15 x 5 <sup>1/2</sup> "	385 x 140.5 mm 15 x 5 <sup>1/2</sup> "
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 @ 12 dB/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 <sup>3/4</sup> " 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 <sup>3/8</sup> " Square: 249 mm / 9 <sup>13/16</sup> "	-	-	-	
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						In-Ceiling
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 <sup>3/8</sup> "	244 mm 9 <sup>5/8</sup> "	274 mm 10 <sup>13/16</sup> "	274 mm 10 <sup>13/16</sup> "	326 x 207 mm 12 <sup>13/16</sup> x 8 <sup>1/8</sup> "	381 x 228 mm 15 x 9"	438 x 269 mm 17 <sup>1/4</sup> x 10 <sup>9/16</sup> "	438 x 269 mm 17 <sup>1/4</sup> x 10 <sup>9/16</sup> "	183 x 299 mm 7 <sup>3/16</sup> x 11 <sup>3/4</sup> "	183 x 299 mm 7 <sup>3/16</sup> x 11 <sup>3/4</sup> "	880 x 230 mm 34 <sup>21/32</sup> x 9"	880 x 230 mm 34 <sup>21/32</sup> x 9"	65 mm 2 <sup>1/2</sup> "
Mounting Depth	151 mm 5 <sup>15/16</sup> "	151 mm 5 <sup>15/16</sup> "	181 mm 7 <sup>1/8</sup> "	181 mm 7 <sup>1/8</sup> "	96 mm 3 <sup>3/4</sup> "	96 mm 3 <sup>3/4</sup> "	99 mm 3 <sup>7/8</sup> "	99 mm 3 <sup>7/8</sup> "	97 mm 3 <sup>13/16</sup> "	97 mm 3 <sup>13/16</sup> "	96 mm 3 <sup>3/4</sup> "	96 mm 3 <sup>3/4</sup> "	91.5 mm 3 <sup>5/8</sup> "
Overall Depth (With Grille)	155 mm 6 <sup>1/8</sup> "	155 mm 6 <sup>1/8</sup> "	187 mm 7 <sup>3/8</sup> "	187 mm 7 <sup>3/8</sup> "	102 mm 4"	102 mm 4"	106 mm 4 <sup>1/16</sup> "	106 mm 4 <sup>1/16</sup> "	103 mm 4 <sup>1/16</sup> "	103 mm 4 <sup>1/16</sup> "	102 mm 4"	102 mm 4"	96 mm 3 <sup>3/4</sup> "
Overall Diameter or Dimensions (With Grille) (H x W)	250 mm 9 <sup>13/16</sup> "	285 mm 11 <sup>1/4</sup> "	309 mm 12 <sup>3/16</sup> "	309 mm 12 <sup>3/16</sup> "	360.5 x 242 mm 14 <sup>1/16</sup> x 9 <sup>1/2</sup> "	415 x 262.5 mm 16 <sup>5/16</sup> x 10 <sup>5/16</sup> "	472.5 x 303.5 mm 18 <sup>5/8</sup> x 11 <sup>15/16</sup> "	472.5 x 303.5 mm 18 <sup>5/8</sup> x 11 <sup>15/16</sup> "	217 x 333 mm 8 <sup>9/16</sup> x 13 <sup>1/16</sup> "	217 x 333 mm 8 <sup>9/16</sup> x 13 <sup>1/16</sup> "	907 x 257 mm 35 <sup>3/4</sup> x 10 <sup>1/8</sup> "	907 x 257 mm 35 <sup>3/4</sup> x 10 <sup>1/8</sup> "	80 mm 3 <sup>1/8</sup> "
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 <sup>1/2</sup> " C-CAM drivers 2 x 4" C-CAM drivers 1" C-CAM tweeter	2 x 6 <sup>1/2</sup> " 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 <sup>3/8</sup> "	-	-	-	-	-	-	-	-	-	-	-	-
Additional Square Grilles Dimensions	249 mm 9 <sup>13/16</sup> "	285 mm 11 <sup>1/4</sup> "	309 mm 12 <sup>3/16</sup> "	309 mm 12 <sup>3/16</sup> "	-	-	-	-	-	-	-	-	-
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, 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.



# SPECIFICATIONS

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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 <sup>3/4</sup> "	1179 x 302 mm 46 <sup>7/16</sup> x 11 <sup>7/8</sup> "	Flush Fit 120 mm / 4 <sup>3/4</sup> " Retrofit 90 mm / 3 <sup>9/16</sup> "	591 x 350.5 mm 23 <sup>1/4</sup> x 13 <sup>3/16</sup> "	205 mm 8 <sup>1/16</sup> "	248 mm 9 <sup>3/4</sup> "	266 mm 10 <sup>1/2</sup> "
Mounting Depth	185 mm / 7 <sup>5/16</sup> "	97.5 mm / 3 <sup>14/16</sup> "	81.5 mm / 3 <sup>9/16</sup> "	94 mm / 3 <sup>11/16</sup> "	87.7 mm / 3 <sup>7/16</sup> "	98.1 mm / 3 <sup>7/8</sup> "	101.4 mm / 4"
Overall Depth (With Grille)	191.5 mm / 7 <sup>1/2</sup> "	106.5 mm / 4 <sup>1/16</sup> "	83.62 mm / 3 <sup>5/16</sup> "	106 mm / 4 <sup>1/16</sup> "	92.7 mm / 3 <sup>11/16</sup> "	103 mm / 4 <sup>1/16</sup> "	114 mm / 4 <sup>5/16</sup> "
Overall Diameter or Dimensions (With Grille) (H x W)	309 mm 12 <sup>3/16</sup> "	1207 x 332 mm 47 <sup>9/16</sup> x 13 <sup>1/16</sup> "	112 mm 4 <sup>7/16</sup> "	642 x 401.5 mm 25 <sup>1/4</sup> x 15 <sup>3/16</sup> "	232.5 mm 9 <sup>5/16</sup> "	273 mm 10 <sup>3/4</sup> "	294 mm 11 <sup>9/16</sup> "
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 <sup>1/2</sup> " RDT II drivers 4" RDT II driver MPD HF transducer	3 <sup>1/2</sup> " Bass/mid-range C-CAM driver 3 <sup>3/4</sup> " C-CAM Gold Dome tweeter	1 x LF transducer 2 x HF transducers	6 <sup>1/2</sup> " 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 <sup>3/16</sup> "	-	-	-	-	285 mm / 11 <sup>1/4</sup> "	-
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 <sup>1/4</sup> "	211 mm 8 <sup>1/4</sup> "	247 mm 9 <sup>3/4</sup> "	247 mm 9 <sup>3/4</sup> "
Mounting Depth	88.5 mm 3 <sup>1/2</sup> "	88.5 mm 3 <sup>1/2</sup> "	97.6 mm 3 <sup>7/8</sup> "	97.6 mm 3 <sup>7/8</sup> "
Overall Depth (With Grille)	93.5 mm 3 <sup>1/2</sup> "	93.5 mm 3 <sup>1/2</sup> "	102.5 mm 4 <sup>1/32</sup> "	102.5 mm 4 <sup>1/32</sup> "
Overall Diameter or Dimensions (With Grille) (H x W)	251.7 mm 9 <sup>13/16</sup> "	251.7 mm 9 <sup>13/16</sup> "	285 mm 11 <sup>1/4</sup> "	285 mm 11 <sup>1/4</sup> "
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 <sup>1/2</sup> " C-CAM driver 1" C-CAM tweeter	6 <sup>1/2</sup> " 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 <sup>13/16</sup> "	249 mm 9 <sup>13/16</sup> "	285 mm 11 <sup>1/4</sup> "	285 mm 11 <sup>1/4</sup> "
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	-34° to 79° C -29° to 174° F	-34° to 79° C -29° to 174° F	-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.



# SPECIFICATIONS

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Category	Climate				Vecta	
Application	Wall Mounted				Wall / Corner / Cluster Mounted	
Model Name	<b>Climate 50</b>	<b>Climate 60</b>	<b>Climate 60-T2</b>	<b>Climate 80</b>	<b>V240</b>	<b>V240-LV</b>
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 <sup>5/16</sup> "	180 mm / 7 <sup>2/16</sup> "	180 mm / 7 <sup>2/16</sup> "	221.5 mm / 8 <sup>12/16</sup> "	150 mm / 5 <sup>7/8</sup> "	150 mm / 5 <sup>7/8</sup> "
Overall Depth (With Bracket)	210.4 mm / 8 <sup>5/16</sup> "	235.4 mm / 9 <sup>5/16</sup> "	235.4 mm / 9 <sup>5/16</sup> "	273 mm / 10 <sup>3/4</sup> "	175.4 mm / 6 <sup>7/8</sup> "	175.4 mm / 6 <sup>7/8</sup> "
Overall Diameter or Dimensions (With Grille) (H x W)	285 x 172.5 mm 11 <sup>1/4</sup> x 6 <sup>13/16</sup> "	325 x 185 mm 12 <sup>13/16</sup> x 7 <sup>5/16</sup> "	325 x 185 mm 12 <sup>13/16</sup> x 7 <sup>5/16</sup> "	405 x 230 mm 15 <sup>15/16</sup> x 9 <sup>1/16</sup> "	Excluding Mounts 335.9 x 243.2 mm / 13 <sup>1/4</sup> x 9 <sup>9/16</sup> "	Excluding Mounts 335.9 x 243.2 mm / 13 <sup>1/4</sup> x 9 <sup>9/16</sup> "
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 <sup>1/2</sup> " C-CAM driver 1" C-CAM tweeter ABR	6 <sup>1/2</sup> " C-CAM driver 1" C-CAM tweeter ABR	6 <sup>1/2</sup> " 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	<b>CLG140</b>	<b>CLG160</b>	<b>CLG-W10</b>	<b>CLG-W12</b>
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 <sup>1/8</sup> x 6 <sup>7/8</sup> "	Excluding Mount/Spike 190 x 220 mm / 7 <sup>1/2</sup> x 8 <sup>11/16</sup> "	340 mm x 434.5 mm 13 <sup>3/8</sup> x 17 <sup>1/8</sup> "	750 x 380 x 576 mm 19 <sup>1/2</sup> x 14 <sup>15/16</sup> x 22 <sup>11/16</sup> "
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	<b>ICS-8</b>	<b>IWS-10</b>	<b>IWA-250 Amplifier</b>	<b>CW8</b>	<b>CW10</b>
Page	38	39	39	40	40
Sensitivity (1W@1m)	85 dB	86 dB	-	-	-
Cut Out Diameter or Dimensions (H x W)	120 mm 4 <sup>3/4</sup> "	280 x 280 mm 11 x 11"	-	-	-
Mounting Depth	-	90 mm / 3 <sup>1/2</sup> "	-	-	-
Overall Dimensions (With Grille) (H x W x D)	235 x 280 x 396 mm 9 <sup>1/4</sup> x 11 x 15 <sup>9/16</sup> "	314.21 x 314.21 x 100.78 mm 12 <sup>3/8</sup> x 12 <sup>3/8</sup> x 3 <sup>15/16</sup> "	43.7 x 432 x 263 mm 1 <sup>3/4</sup> x 17 x 10 <sup>3/8</sup> "	270 x 260 x 276 mm 10 <sup>5/8</sup> x 10 <sup>1/4</sup> x 10 <sup>7/8</sup> "	315 x 305 x 320 mm 12 <sup>3/8</sup> x 12 x 12 <sup>5/8</sup> "
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

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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)	42.4 x 438 x 238 mm 1 <sup>11</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>4</sub> x 9 <sup>3</sup> / <sub>8</sub> "	42.4 x 438 x 427 mm 1 <sup>11</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>4</sub> x 16 <sup>13</sup> / <sub>16</sub> "	86.8 x 438 x 427 mm 3 <sup>7</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>4</sub> x 16 <sup>13</sup> / <sub>16</sub> "	86.8 x 438 x 427 mm 3 <sup>7</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>4</sub> x 16 <sup>13</sup> / <sub>16</sub> "	42.4 x 438 x 427 mm 1 <sup>11</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>4</sub> x 16 <sup>13</sup> / <sub>16</sub> "	42.4 x 438 x 427 mm 1 <sup>11</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>4</sub> x 16 <sup>13</sup> / <sub>16</sub> "	31.4 x 180 x 110.5 mm 1 <sup>1</sup> / <sub>4</sub> x 7 <sup>1</sup> / <sub>16</sub> x 4 <sup>3</sup> / <sub>8</sub> "
Height (With feet)	47 mm / 1 <sup>7</sup> / <sub>8</sub> "	52.8 mm / 2 <sup>1</sup> / <sub>16</sub> "	97.2 mm / 3 <sup>13</sup> / <sub>16</sub> "	97.2 mm / 3 <sup>13</sup> / <sub>16</sub> "	52.8 mm / 2 <sup>1</sup> / <sub>16</sub> "	52.8 mm / 2 <sup>1</sup> / <sub>16</sub> "	-
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 <sup>11</sup> / <sub>16</sub> "
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 <sup>11</sup> / <sub>16</sub> x 13 <sup>3</sup> / <sub>4</sub> "	751 x 201 mm 29 <sup>1</sup> / <sub>2</sub> x 7 <sup>7</sup> / <sub>8</sub> "	251 x 251 mm 9 <sup>7</sup> / <sub>8</sub> x 9 <sup>7</sup> / <sub>8</sub> "	-	-	-
Mounting Depth	-	-	-	75 mm / 2 <sup>15</sup> / <sub>16</sub> "	75 mm / 2 <sup>15</sup> / <sub>16</sub> "	59.5 mm / 2 <sup>5</sup> / <sub>16</sub> "	-	-	-
Overall Depth (With Grille)	93 mm 3 <sup>11</sup> / <sub>16</sub> "	93 mm 3 <sup>11</sup> / <sub>16</sub> "	92 mm 3 <sup>5</sup> / <sub>8</sub> "	88.25 mm 3 <sup>1</sup> / <sub>2</sub> "	87.5 mm 3 <sup>7</sup> / <sub>16</sub> "	77.5 mm 3"	87.5mm 3 <sup>7</sup> / <sub>16</sub> "	87.5mm 3 <sup>7</sup> / <sub>16</sub> "	77.5 mm 3"
Overall Dimensions (With Grille) (H x W)	147 x 1107 mm 5 <sup>13</sup> / <sub>16</sub> x 43 <sup>3</sup> / <sub>16</sub> "	147 x 1307 mm 5 <sup>13</sup> / <sub>16</sub> x 51 <sup>7</sup> / <sub>16</sub> "	147 x 1562 mm 5 <sup>1</sup> / <sub>4</sub> x 61 <sup>1</sup> / <sub>2</sub> "	552 x 402 mm 21 <sup>3</sup> / <sub>4</sub> x 15 <sup>13</sup> / <sub>16</sub> "	802.5 x 252.5 mm 31 <sup>5</sup> / <sub>8</sub> x 9 <sup>15</sup> / <sub>16</sub> "	301.5 x 301.5 mm 11 <sup>7</sup> / <sub>8</sub> x 11 <sup>7</sup> / <sub>8</sub> "	540 x 390 mm 21 <sup>1</sup> / <sub>4</sub> x 15 <sup>3</sup> / <sub>8</sub> "	790 x 240 mm 31 <sup>1</sup> / <sub>8</sub> x 9 <sup>7</sup> / <sub>16</sub> "	289 x 289 mm 11 <sup>3</sup> / <sub>8</sub> x 11 <sup>3</sup> / <sub>8</sub> "
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 <sup>1</sup> / <sub>2</sub> " C-CAM RST driver 4" C-CAM IDC driver 1" C-CAM tweeter	6 <sup>1</sup> / <sub>2</sub> " C-CAM RST driver 4" C-CAM IDC driver 1" C-CAM tweeter	4" MMP II driver 1" C-CAM tweeter	6 <sup>1</sup> / <sub>2</sub> " C-CAM RST driver 4" C-CAM IDC driver 1" C-CAM tweeter	6 <sup>1</sup> / <sub>2</sub> " 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	16 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 <sup>15</sup> / <sub>16</sub> "	330 x 330 x 165 mm 13 x 13 x 6 <sup>1</sup> / <sub>2</sub> "	590 x 435 x 120 mm 23 <sup>1</sup> / <sub>4</sub> x 17 <sup>1</sup> / <sub>4</sub> x 4 <sup>3</sup> / <sub>4</sub> "	300 x 350 x 160 mm 11 <sup>13</sup> / <sub>16</sub> x 13 <sup>3</sup> / <sub>4</sub> x 6 <sup>5</sup> / <sub>16</sub> "	191.2 x 628.6 x 350 mm 7 <sup>1</sup> / <sub>2</sub> x 24 <sup>3</sup> / <sub>4</sub> x 13 <sup>3</sup> / <sub>4</sub> " (Inc. Brackets)	850 x 351 x 85 mm 33 <sup>1</sup> / <sub>2</sub> x 13 <sup>13</sup> / <sub>16</sub> x 3 <sup>1</sup> / <sub>2</sub> "
Internal Volume	6.31 L	8.9 L	14.8 L	12.2 L	24 L	16.5 L

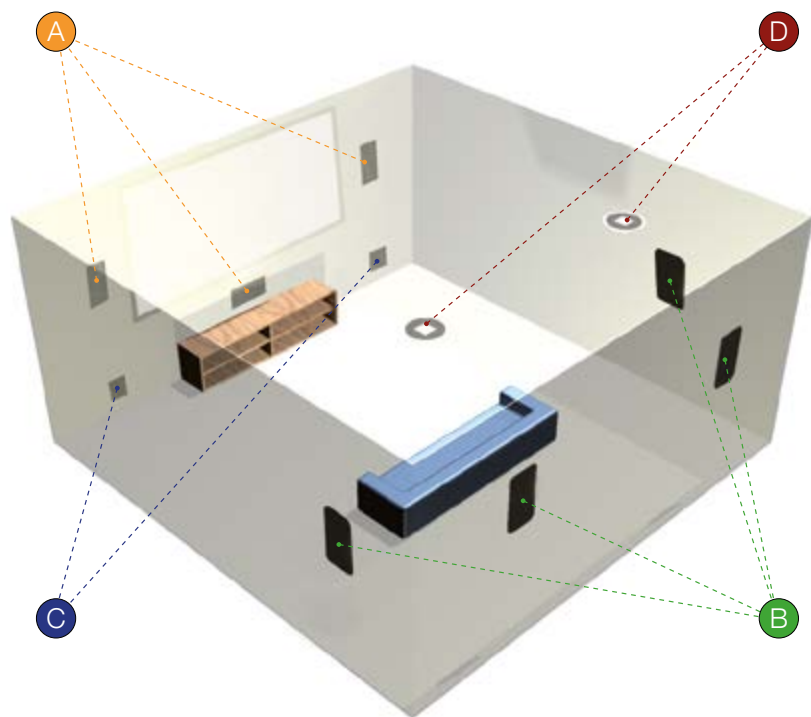
Allow a tolerance of +/- 1 mm or 1/16" on all mounting depths.



# 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](http://monitoraudio.com)

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