

CSS230

MONITOR AUDIO



OUR INNOVATIVE NEW CSS230 IN-WALL/CEILING BACK-BOX DESIGN DELIVERS FULL-FREQUENCY PERFORMANCE WITH WIDE INSTALLATION VERSATILITY

Space, they say, is the final frontier, especially in the real world where the lack of it can be a real challenge to discreet audio installation. If you've fallen in love with the idea of hi-fi sound from speakers flush with the wall surface, the last thing you need is a distinct absence of space behind it. Now there's an answer to a perennial headache in the high-performance form of Monitor Audio's new super-slim CSS230 in-wall/ceiling speaker.

FULL-RANGE FLEXIBILITY

The CSS230 is a brilliantly innovative back-box design with an impressively shallow 50mm (2") mounting depth, custom built to offer hi-fi levels of performance in spaces where no high quality speaker has gone before. Between 2" stud frames or where pipework or cabling reduces mounting depth, the CSS230's hybrid back-box construction and proprietary full-range driver array combine to deliver consistent audio quality with exceptional installation versatility.



CONTROL BUILT-IN

As Monitor Audio's long-established and acclaimed Controlled Performance (CP) range of architectural speakers demonstrates, back-box designs enclose a specified air volume/driver relationship in order to generate high quality audio (especially bass) and reduce inter-room/floor transmission - but only where mounting depth will allow. Alternative open-backed (box-less) designs are more flexible to install, but their bass is far less defined.

The CSS230's hybrid back-box provides the best of all worlds for installer and customer. By integrating a slender 2" back-box with a radial array of specialised mid-bass drivers around a 19mm C-CAM® gold dome tweeter, the CSS230 offers full-range audio accuracy from the tightest of stud clearances; but with the removal of a rubber plug in the back box, it reproduces the full-some bass of a ported design, superior in quality to the output of open-backed speakers and just as flexible to install. Combined, the CSS230's three proprietary 3" mid-bass units achieve the bass output of a 6^{1/2}" driver, all from a super-stealthy flush-fitted profile.

HI-FI DESIGN QUALITY

In keeping with Monitor Audio's renowned design rigour, the CSS230's crossover comprises high quality film capacitors and low loss inductors - selected for signal integrity - ensuring peerless audio detail and dynamics from a speaker of its size and application. When the CSS230 is in 'ported' mode, a fine gauze protects the acoustic system from dust ingress.

FITS WHERE RIVALS FAIL

Monitor Audio's patented 'Tri-Grip™' mounting system provides reliable and robust installation flush with ceiling or wall. Conveniently the CSS230 has the same mounting diameter as our other 6^{1/2}" CT products, allowing the existing pre-construction bracket (CB6 -purple) to be used at the planning stage. For the most discreet aesthetic possible, a trim-less grille is supplied (a square grille option matching light fixings is also available), which attaches magnetically to facilitate easy installation and servicing. The grilles (with replacement scrim included) are paintable to achieve a seamless standard of décor integration.

CSS230 KEY FEATURES

- Super-slim mounting depth 50mm (2") designed to fit within 2" stud walls or where space is restricted
- Hybrid CP 'Controlled Performance' style, enclosed or open back-box option provides flexible high performance options and sound isolation in one (pictured right)
- Driver configuration of three 3" C-CAM bass/mid-range drivers in a radial array around a 19mm C-CAM gold dome tweeter (fixed position) and high quality crossover design offers Monitor Audio's award-winning signature sound quality
- Gold plated sprung push terminals are reliable and easy to connect
- Magnetically attached 'Trim-less' round and square grille options for discreet, reliable and easy servicing, flexible in-wall/ceiling installation, paintable to blend with décor
- Patented Tri-Grip dog leg fixings - Reliable, robust and quick to install
- Existing pre-construction bracket for easier system design and planning.



CHOOSING MONITOR AUDIO

When you decide on Monitor Audio for discreet custom applications, you're getting so much more than a great design solution. The installation of our specialised architectural designs blends over forty years of award-winning audio technology with the familiar fabric of your home. You'll know that the engineers who perfected that beautifully discreet flush-with-the-surface design also created the life-like audio accuracy of our hi-fi speakers, acclaimed by the world's most critical audiophile listeners. By choosing Monitor Audio for ultra-discreet sound around your home, you're securing the utterly desirable combination of seamless room integration and superior sound quality, backed by over four decades of design innovation and award success. What's more, no other hi-fi brand offers a range of architectural speakers as developed and diverse. Excellence is in our DNA; the experience is yours to enjoy for years to come.

SPECIFICATIONS

	CSS230
Frequency Response (-6dB)	100Hz – 30KHz sealed 'CP' (85Hz – 30KHz –open back)
Impedence (nominal)	8Ω
Sensitivity (1W @ 1M)	86dB
Maximum SPL	103.8dBA
Power Handling (RMS)	40 Watts – Full range (60 watts with crossover set to 100Hz @ 12dB/Octave)
Recommended Amp Requirements	10 – 60W
Drive Unit Complement	3 x 3" C-CAM cone bass-mid drivers 1 x 19mm (³ / ₄ ") C-CAM Gold Dome tweeter
Crossover Recommendation – using an AVR	100Hz at a minimum of 12dB/Octave (24dB/Octave optimum)
Connection	Gold Plated Sprung push terminals – For bare wire connection up to 4mm ²
Overall Diameter (including grille)	250mm (9 ¹³ / ₁₆ ")
Overall Depth (including grille)	54mm (¹ / ₈ ")
Cut Out Diameter	211mm (8 ¹ / ₄ ")
Mounting Depth	50mm (2")
Fixing Type	3 position Tri-Grip dog leg fixings
Construction Materials	ABS (UL94 rated, RoHS2 Compliant) – Painted steel grille
Pre-Construction Bracket	CB6 (Purple)



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