

CI 700 Series

If you love the idea of having a true cinema experience in your home but don't have the room for our critically acclaimed CT700 Series speakers, CI 700 Series speakers provide the ideal solution. Matching the power and dynamics of CT700 Series speakers perfectly, their compact design means that both speaker series can be combined in order to make the most effective use of the space available. Not only does the CI 700 Series provide stunning performance in a theatre set up, they are also astounding Hi-Fi speakers.



“We invested a lot of time listening to installers from all over the world to find out what is important to them. Throughout the Custom Installation Series you will find many features that have been developed in response to what installers have told us – from features that make the installation process quicker and easier through to those that make these speakers the best sounding installation speakers we have ever produced.” Dr. John Dibb, Senior Development Engineer

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The CI 700 Series is all about maximising performance in the minimum amount of space. We have introduced many new features in order to achieve an incredible sound quality whether for film or hi-fi enjoyment. All speakers in the Custom Installation Series have been designed for most types of solid or plasterboard constructions.



Reservoir box

CI 700 Series speakers can be retrofitted into existing ceilings and walls (as long as they are hollow) so there is no extra construction necessary. Retrofitting speakers can cause a reduction in volume so in order to compensate for this we have developed a hinged reservoir box that can be attached to either side of the back box in order to increase the internal volume.



Full control

In traditional Custom Installation speakers the air behind the drivers is an unknown quantity so you can never be in full control of the sound quality. This is why all the CI 700 Series products feature an integrated back box. This gives us full control of the sound and has even given us the opportunity to introduce our renowned Flowport™ to the wall models.

Sound

Bowers & Wilkins remains at the forefront of speaker innovation thanks to our ongoing investment in science and technology. At our Research & Development facility in Steyning, West Sussex, UK – otherwise known as the 'University of Sound' – the brightest minds in acoustics develop and test every single component of our speakers until they're the best in their class, relentlessly pursuing any sound impurities until they have nowhere left to go.

All of the CI 700 Series speakers have carefully designed baffles to create the optimum sound dispersion. The baffle is formed from a single moulding, which is constructed from glass fibre reinforced ABS. This results in an incredibly rigid structure. The ceiling models feature a scallop underneath the tweeter which creates the perfect roll off for high frequencies resulting in a more accurate reproduction of sound.



In order to achieve the stunning sound quality of our CI 700 Series speakers we have utilised proven technologies that you will find in our CT700 Series along with new innovations to ensure that you hear the cleanest sound reproduction possible.



Tweeter

Some of our most innovative technologies take their inspiration from nature. For the body of our Nautilus™ speaker, for example, we created a spiralling, conch-like form that drains away all excess sound from the rear of the driver, rather than letting it bounce noisily around the cabinet. The result? Almost zero coloration from the back of the speaker, and a much purer sound from the front. The Nautilus™ tube-loaded tweeter has been incorporated into our CT700 Series and now has been introduced to the CI 700 Series.



FST™

The FST™ midrange driver is a ring of foam whose mechanical properties exactly match those of the woven Kevlar® cone. This gives it magical properties over the bending waves that travel outwards, through the cone, to its edge. With a conventional roll surround these energies would be reflected back into the cone and smudge the sound. The FST™ soaks them up, like a circular shock absorber around the cones edge. This allows the cone to be more responsive and to move more freely creating an unbeatable midrange.

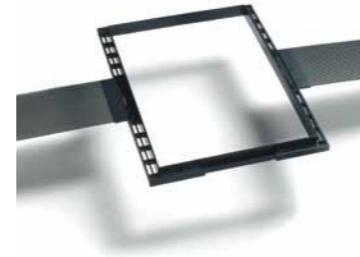
Flowport™

For a bass drive unit to operate effectively the air pressure inside the back box needs to be regulated and that's where our Flowport™ comes in. It is the lungs of the speaker and gives the bass driver the air to breathe. Thanks to this and the dimples that help reduce the friction between the surface of the Flowport™ and the air passing over it, the performance is a huge improvement on more traditional designs.



Preliminary specifications

		Nautilus™ tweeter	Kevlar® cone	FST™ Midrange	Flowport™	Rotating MF/HF module	Integrated back box	Pre-mount Kit
CCM7.3	Tube	■	■	-	-	■	PMK 7C	
CCM7.4	Tube	■	-	-	-	■	PMK 7C	
CCM7.5	Tube	■	-	-	-	■	PMK 7C	
CWM7.3	Tube	■	■	■	■	■	PMK 7.3W	
CWM7.4	Tube	■	-	■	-	■	PMK 7.4W	
CWM7.5	Tube	■	-	■	-	■	PMK 7.5W	



Pre-mount kit
Used in new drywall construction, the PMK identifies the position of the speaker during construction and provides a guide for cutting plasterboard.

CI 700 Series In-ceiling

	CCM7.3	CCM7.4	CCM7.5
Description	3-way in-ceiling system	2-way in-ceiling system	2-way in-ceiling system
Drive Units	1x ø25mm (1in) Nautilus™ tube loaded soft dome tweeter 1x ø100mm (4in) Blue Kevlar® cone FST™ midrange 2x ø130mm(5in) Paper/Kevlar® cone bass drivers	1x ø25mm (1in) Nautilus™ Tube loaded soft dome tweeter 2x ø130mm (5in) Blue Kevlar® cone bass/midrange	1x ø25mm (1in) Nautilus™ Tube loaded soft dome tweeter 1x ø150mm (6in) Blue Kevlar® cone bass/midrange
Frequency Range (-6dB)	55Hz – 28kHz	55Hz – 28kHz	57Hz – 28kHz
Recommended Amp Power	50 – 200w	50 – 150w	50 – 120w
Sensitivity SPL (2.83V, 1m)	90 dB	88.5 dB	88 dB
Impedance Nominal (min)	6Ω (3.5Ω)	8Ω (6.5Ω)	8Ω (6.5Ω)
Frame height	355mm (14in)	355mm (14in)	355mm (14in)
Frame width	355mm (14in)	355mm (14in)	355mm (14in)
Cut-out height	332mm (13.1in)	332mm (13.1in)	332mm (13.1in)
Cut-out width	332mm (13.1in)	332mm (13.1in)	332mm (13.1in)
Depth behind surface	194mm	194mm	194mm
Protrusion	5mm (0.2in)	5mm (0.2in)	5mm (0.2in)

CI 700 Series In-wall

	CWM7.3	CWM7.4	CWM7.5
Description	3-way in-wall system	2-way in-wall system	2-way in-wall system
Drive units	1x ø25mm (1in) Nautilus™ Tube loaded soft dome tweeter 1x ø100mm (4in) Blue Kevlar® cone FST™ midrange 2x ø130mm(5in) Paper/Kevlar® cone bass drivers	1x ø25mm (1in) Nautilus™ Tube loaded soft dome tweeter 1x ø150mm (6in) Blue Kevlar® cone bass/midrange	1x ø25mm (1in) Nautilus™ Tube loaded soft dome tweeter 1x ø130mm (5in) Blue Kevlar® cone bass/midrange
Frequency Range (-6dB)	45Hz – 28kHz	51Hz – 28kHz	54Hz – 28kHz
Recommended Amp Power	25 – 200w	25 – 120w	25 – 100w
Sensitivity SPL (2.83V, 1m)	90dB	89dB	86dB
Impedance Nominal (min)	4Ω (3Ω)	6Ω (5Ω)	6Ω (5.2Ω)
Frame height	736mm (29in)	415mm (16.5in)	356mm (14in)
Frame width	276mm (11in)	251mm (10in)	212mm (8.5in)
Cut-out height	714mm (28.1in)	393mm (15.5in)	334mm (13.2in)
Cut-out width	254mm (10in)	229mm (9in)	190mm (7.5in)
Reservoir box height	460mm (18.1in)	460mm (18.1in)	181mm (7.1in)
Reservoir box width	220mm (8.7in)	220mm (8.7in)	385mm (15.2in)
Reservoir box depth	60mm (2.4in)	60mm (2.4in)	60mm (2.4in)
Depth behind surface	102mm	102mm	102mm
Protrusion	4mm (0.2in)	4mm (0.2in)	4mm (0.2in)



Bowers & Wilkins

B&W Group Ltd
Dale Road
Worthing West Sussex
BN11 2BH England

T +44 (0) 1903221800
F +44 (0) 1903221801
info@bwgroup.com
www.bowers-wilkins.com

B&W Group (UK Sales)
T +44(0) 1903 221 500
E uksales@bwgroup.com

B&W Group North America
T +1 978 664 2870
E marketing@bwgroupusa.com

B&W Group Asia Ltd
T +852 3472 9300
E info@bwgroup.hk

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