

Bowers & Wilkins

Manual

# CM Centre S2

# CM Centre 2 S2



**AVAILABLE AT  
DIGITAL CINEMA**

**Welcome and thank you for choosing Bowers & Wilkins.**

Our founder, John Bowers, believed that imaginative design, innovative engineering and advanced technology were keys that could unlock the enjoyment of audio in the home. His belief is one that we continue to share and inspires every product we design.

This is a high performance product that rewards thoughtful installation, so we suggest that you take some time to read this manual before you begin. **Continue on page 5 →**

**Willkommen bei Bowers & Wilkins.** Der Firmengründer John Bowers war der Meinung, dass ein wunderschönes Design, eine innovative Konstruktion und ausgeklügelte Technologien die Schlüssel zu Audio-Entertainment der Extraklasse in Ihrem Zuhause sind. Wir teilen seine Meinung und jedes von uns entwickelte Produkt basiert darauf.

Dies ist ein erstklassiges Produkt, dessen Installation und Setup gut durchdacht werden müssen. Wir empfehlen daher, sich ein wenig Zeit zu nehmen und diese Bedienungsanleitung vor der Installation zu lesen. **Fortsetzung auf Seite 15 →**

**Bem-vindo e obrigado por escolher a Bowers & Wilkins.**

O nosso fundador, John Bowers, acreditava que um desenho criativo, engenharia inovadora e tecnologia avançada eram as chaves que poderiam abrir portas para se desfrutar do áudio em casa. A sua crença é algo que continuamos a partilhar e que inspira cada produto que desenhamos.

O produto que adquiriu possui elevados padrões de desempenho que requerem uma instalação cuidadosa, pelo que recomendamos que leia este manual antes de utilizar o produto. **Continuação na página 25 →**

**Bienvenue et merci d'avoir choisi Bowers & Wilkins.**

Notre fondateur, John Bowers, était persuadé qu'une conception imaginative, des innovations en terme d'ingénierie et des technologies parmi les plus avancées, étaient les clés ouvrant les portes du plaisir de l'écoute à domicile. Ce qu'il croyait fait partie de ce que nous continuons encore à partager et se retrouve dans tous les produits que nous concevons aujourd'hui.

Vous disposez d'un produit dont les hautes performances méritent une installation soignée, par conséquent nous vous suggérons de consacrer un peu de temps à lire ce manuel avant de commencer à l'utiliser. **Rendez vous à la page 10 →**

**Bienvenido y gracias por elegir Bowers & Wilkins.**

John Bowers, nuestro fundador, estaba firmemente convencido de que el diseño imaginativo, la ingeniería innovadora y la tecnología avanzada eran las claves a la hora de llevar el disfrute del sonido a la intimidad del hogar. Una creencia que seguimos compartiendo y que inspira todos y cada uno de los productos que diseñamos.

Si se instala adecuadamente, tanto la CM Centre S2 como la CM Centre 2 S2 es un producto que ofrece unas prestaciones muy elevadas, por lo que le sugerimos que antes de ponerse manos a la obra dedique un poco de su tiempo a leer este manual. **Continúa en la página 20 →**



**Benvenuti e grazie per aver scelto un prodotto Bowers & Wilkins.**

Il nostro fondatore, John Bowers, era convinto che design attraente, capacità d'innovare e tecnologie all'avanguardia fossero fattori vincenti per la riproduzione audio domestica. Le sue idee sono ancor oggi condivise da noi tutti e fonte d'ispirazione per ogni nuovo prodotto che realizziamo.

Questo modello è un diffusore di alte prestazioni che merita di essere installato in maniera scrupolosa. Vi suggeriamo pertanto di leggere attentamente questo manuale prima di iniziare. **Continua a pagina 30 →**

## 1. Unpacking

CM Centre S2

	1
	4

### Carton Contents

#### CM Centre S2

##### Check in the carton for:



- 1 Foam plug
- 4 Self-adhesive rubber supporting feet

#### CM Centre 2 S2

##### Check in the carton for:

- 2 Foam plug
- 4 Self-adhesive rubber supporting feet

CM Centre 2 S2

	2
	4

### Environmental Information

This product complies with international directives, including but not limited to:

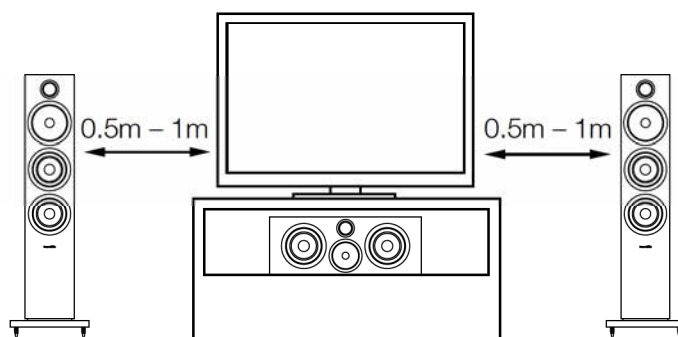
- i. the **R**estriction of **H**azardous **S**ubstances (RoHS) in electrical and electronic equipment,
- ii. the **R**egistration, **E**valuation, **A**uthorisation and restriction of **C**hemicals (REACH)
- iii. the disposal of **W**aste **E**lectrical and **E**lectronic **E**quipment (WEEE).

Consult your local waste disposal authority for guidance on how properly to recycle or dispose of this product.

## 2. Positioning

### Speaker Installation

If using a projector with an acoustically transparent screen, place the speaker behind the centre of the screen. Otherwise position it directly above or below the screen, whichever is closest to ear level. Align the front of the speaker approximately level with the screen. The speaker is best used mounted on a rigid shelf or wall bracket or on a rigid floor stand. If the speaker is to be placed either on a shelf or in a rack shared with other AV equipment fix the 4 self-adhesive pads to the base of the speaker. They provide a degree of vibration isolation.

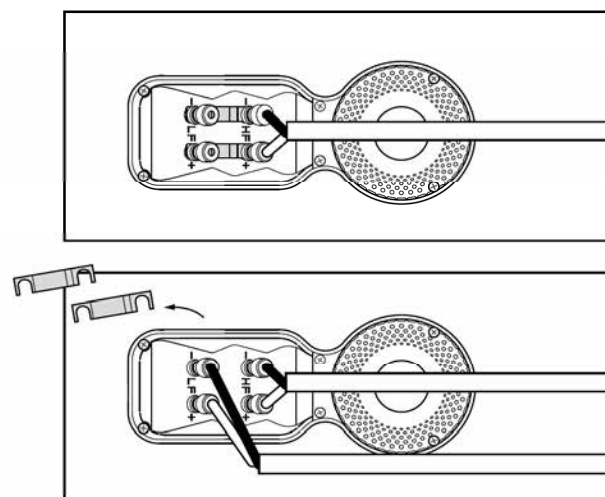


### Stray magnetic fields

The speaker drive units create stray magnetic fields that extend beyond the boundaries of the cabinet. We recommend you keep magnetically sensitive articles (CRT television and computer screens, computer discs, audio and video tapes, swipe cards and the like) at least 0.5m from the speaker. LCD, OLED and plasma screens are not affected by magnetic fields.

### 3. Connections

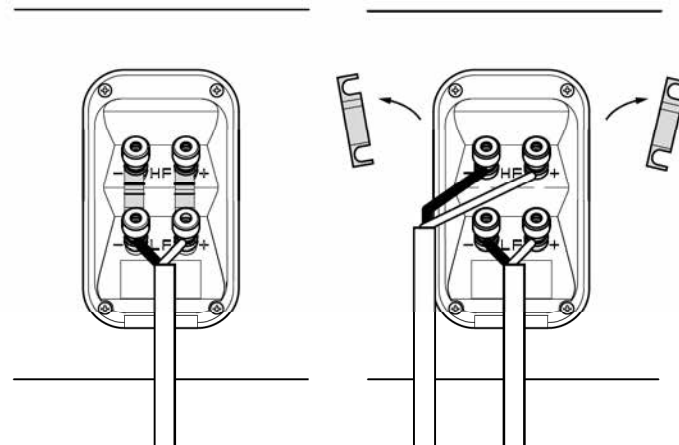
#### CM Centre S2



All connections should be made with the audio equipment switched off.

There are 2 linked pairs of terminals on the back of the speaker. For conventional connection (above left), the terminal links should remain in place (as delivered) and just one pair of terminals connected to the amplifier. For bi-wire connections or bi-amplification (above right), the terminal links should be removed and each pair of terminals connected to the amplifier or amplifiers independently. Bi-wiring can improve the resolution of low-level detail.

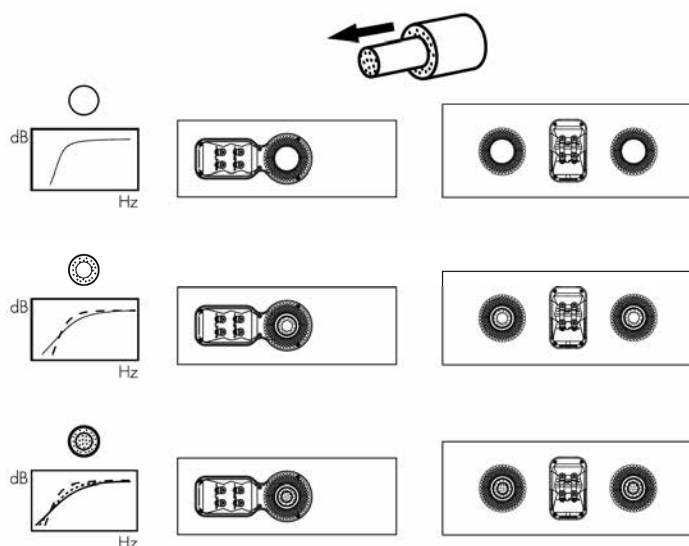
#### CM Centre 2 S2



Ensure that the positive terminals on the speaker (marked + and coloured red) are connected to the positive output terminal on the amplifier and the negative terminals on the speaker (marked – and coloured black) are connected to the negative output terminal on the amplifier. Incorrect connection can result in poor imaging and loss of bass.

Ask your dealer for advice when selecting speaker cable.

#### 4. Fine Tuning



Before fine tuning, make sure that all the connections in the installation are correct and secure.

Moving the speakers further from the walls will generally reduce the volume of bass. Space behind the speakers will also help to create an aural impression of depth. Conversely, moving the speakers closer to the walls will increase the volume of bass. If you want to reduce the volume of bass without moving the speakers further from the wall, fit the foam plugs or, for less severe bass reduction, the foam rings in the port tubes (above).

If the bass seems uneven with frequency this will most probably be a consequence of the acoustic properties of your listening room. Even small changes in the position of the speakers or listening position can have a significant effect on sonic performance, especially at low frequencies. Try moving your listening position or locating your speakers along a different wall if possible.

If no alternatives exist, you can adjust your loudspeakers' low-frequency performance using the supplied foam bungs. The bungs are a two-piece part, allowing for a degree of fine-tuning using either the outer, larger-diameter piece in isolation or the two parts together. Using solely the outer, larger-diameter foam bung will deliver less bass attenuation than the complete bung assembly.



## 5. Running In

The performance of the speaker will change subtly during the initial listening period. If the speaker has been stored in a cold environment, the damping compounds and suspension materials of the drive units will take some time to recover their correct mechanical properties. The drive unit suspensions will also loosen up during the first hours of use. The time taken for the speaker to achieve its intended performance will vary depending on previous storage conditions and how it is used. As a guide, allow up to a week for the temperature effects to stabilise and 15 hours of average use for the mechanical parts to attain their intended design characteristics.

## 6. Aftercare

The cabinet surfaces will usually only require dusting. If you wish to use an aerosol or other cleaner, apply the cleaner onto the cloth, not directly onto the product and test a small area first, as some cleaning products may damage some of the surfaces. Avoid products that are abrasive, or contain acid, alkali or antibacterial agents. Marks on the paint surface may be removed with a dilute perfume-free soap solution. Remove any remaining streak marks by spraying with a proprietary glass cleaner and lightly wiping dry with a microfibre cloth. Do not use cleaning agents on the drive units and avoid touching them as damage may result.

Real wood veneers are treated with an ultra-violet resistant lacquer to minimise changes in colour over time. Nevertheless, like all natural materials, a degree of colour change is to be expected. Colour differences may be rectified by exposing all the veneer surfaces equally and evenly to sunlight until the colour is uniform. This process can take a long time, but may be accelerated by careful use of an ultra-violet lamp. Keep the speakers away from direct sources of heat such as radiators and warm air vents in order to minimise the possibility of the wood veneer cracking.

EU DECLARATION OF CONFORMITY

We,

**B&W Group Ltd.**

whose registered office is situated at

**Dale Road, Worthing, West Sussex, BN11 2BH, United Kingdom**

declare under our sole responsibility that the products:

**CM Centre S2 and CM Centre 2 S2**

comply with the EU Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC,  
in pursuance of which the following standards have been applied:

EN 61000-6-1 : 2007

EN 61000-6-3 : 2007

EN 55020 : 2007

EN 55013 : 2001

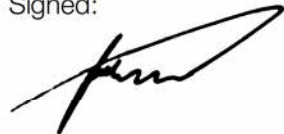
and comply with the EU General Product Safety 2001/95/EC, in pursuance of which the following  
standard has been applied:

BS EN 60065:2002 + A12:2011

This declaration attests that the manufacturing process quality control and product documentation  
accord with the need to assure continued compliance.

The attention of the user is drawn to any special measures regarding the use of this equipment that  
may be detailed in the owner's manual.

Signed:



G Edwards  
Executive Vice President, Operations  
B&W Group Ltd.



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