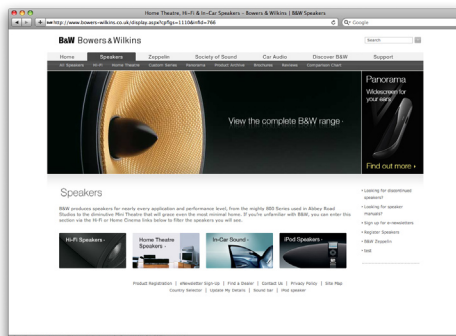
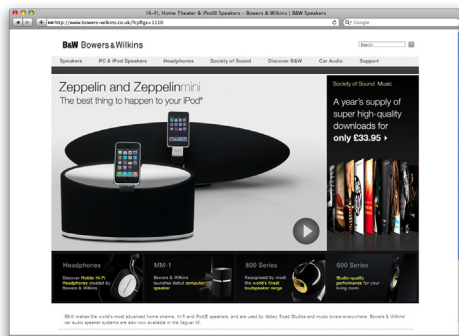


CWMM6

Welcome to Bowers & Wilkins and the CWM6 Series

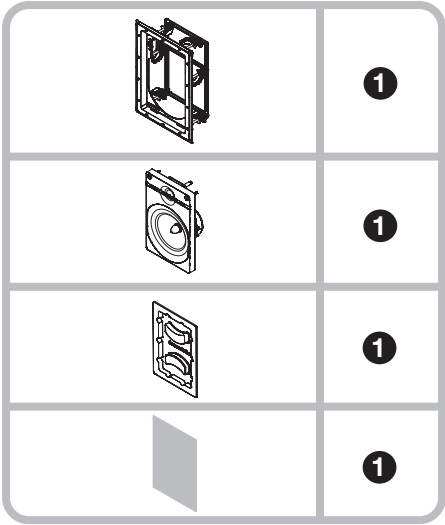
Thank you for choosing Bowers & Wilkins. When John Bowers first established our company he did so in the belief that imaginative design, innovative engineering and advanced technology were keys that could unlock the enjoyment of audio in the home. His belief is one that we continue to share and it inspires every product we design.

The CWM6 Series of wall mount speakers is designed to offer easy installation and high quality audio reproduction for discrete custom install applications. This manual describes the installation of CWM6 Series speakers within conventional stud and sheetrock (joist and plasterboard) walls. It begins by listing the contents of the CWM6 series carton.



www.bowers-wilkins.com

1. CWM6 Carton Contents



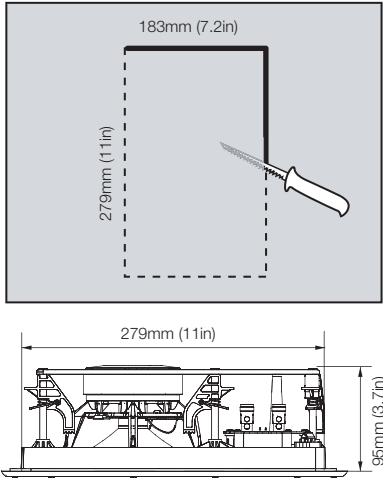
- CWM6 Series speaker assembly (baffle, frame, grille)
- Cut-out template
- Paint mask
- Document pack containing Quick Start Guide and Warranty information

Environmental Information

 All Bowers & Wilkins products are designed to comply with international directives on the Restriction of Hazardous Substances (RoHS) in electrical and electronic equipment and the disposal of Waste Electrical and Electronic Equipment (WEEE). These symbols indicate compliance and that the products must be appropriately recycled or processed in accordance with these directives. Consult your local waste disposal authority for guidance.

2. CWM6 Series Basics

CWM663, CWM664

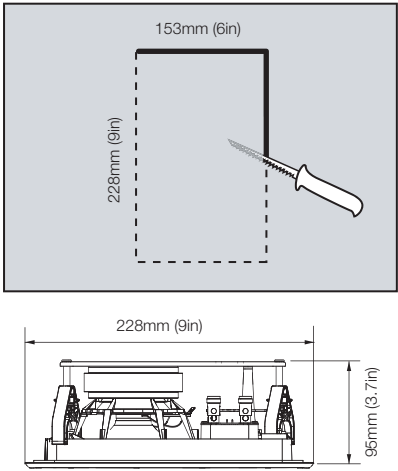


CWM6 Series wall mount speakers comprise a baffle carrying the speaker drivers and crossover, an integrated frame and front flange, and a magnetically secured grille. The frame is connected via side mounted terminals to the speaker cables, with the baffle connecting automatically as it is inserted in the frame.

CWM6 Series speakers require wall aperture dimensions described in the following table:

Model	Aperture Height	Aperture Width
CWM652	228mm (9 in)	153mm (6 in)
CWM663	279mm (11 in)	183mm (7.2 in)
CWM664	279mm (11 in)	183mm (7.2 in)

CWM652



All CWM6 Series speakers require clear depth behind the sheetrock (plasterboard) of 90mm (3.55 in). The diagrams above illustrate these dimensions.

Note: If CWM6 Series speakers are to be installed in "new build" projects, pre-mount kits and back boxes are available. Contact your local Bowers & Wilkins retailer for more information.

Before installing CWM6 Series speakers you should ensure that the wall locations chosen are free of obstructions such as pipe work, ducting or wiring that will interfere with the installation. In existing dry-wall construction, use a stud-finding tool to help you map the wall construction and a pipe detector to scan the proposed installation locations.

3. Positioning CWM6 Series Speakers

The appropriate position for CWM6 Series speakers within the listening environment will depend on their specific application:

General Background Audio Applications:

For applications where single CWM6 Series speakers are required to operate independently to provide background audio, they can be located substantially as installation convenience and architecture dictate. The only acoustic constraint to bear in mind is that corner locations will result in significantly emphasised low frequencies and should be avoided.

Stereo Audio Applications:

For applications where a pair of CWM6 Series speakers is to be used for conventional stereo reproduction, they should be located between 3m (10 ft) and 5m (16.5 ft) apart and a similar distance in front of the listening area. Try to avoid corner locations for the speakers and to ensure that acoustic environment around each speaker is similar.

Note: Different acoustic environments might be, for example, a bare wall and a heavily curtained window.

Multi-channel Audio Applications

For applications where multiple CWM6 Series speakers are to be used for multi-channel audio visual systems, the left and right front speakers should be located either side of the screen approximately 0.5m (20 in) away. The centre channel speaker should be located either directly above or below the screen or, in the case of an acoustically transparent screen, directly behind. Surround channel CWM6 Series speakers should be located just behind and either side of the listening position. Try to avoid corner locations for any of the speakers and to ensure that acoustic environment around each front and surround speaker is similar.

Note: Different acoustic environments might be, for example, a bare wall and a heavily curtained window.

Note: The nature of the installation of wall speakers means that it is sometimes impractical to locate them in the acoustically ideal positions. In these cases they should be located as close as is practical to the ideal positions. Your local Bowers & Wilkins retailer will be able to offer advice if required.

Note: CWM6 Series drive units create stray magnetic fields. We recommend that magnetically sensitive items such as CRT screens and magnetic cards for example, are kept at least 0.5m (20 in) from the speaker. LCD, OLED and plasma screens are not affected by magnetic fields.

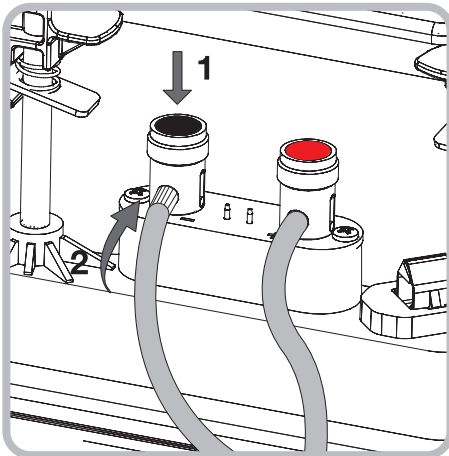
4. Installing CWM6 Series Speakers

To install a CWM6 Series speaker, proceed as described in the following paragraphs:

4.1 Using the supplied cut-out template, mark a cut line on the existing wall. Check the cut line defines the correct dimensions. Cut along the line with an appropriate tool to create a rectangular aperture in the wall.

Note: Ensure that there is enough free space internally adjacent to the aperture for the QuickDogs™.

Note: To reduce the possibility of the wall buzzing or rattling, adhesive mastic can be applied between the studs and sheetrock in the vicinity of the speaker aperture.



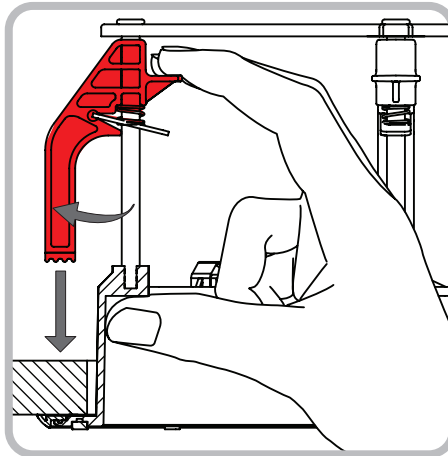
4.2 If speaker cable is already present in the wall space, pull the cable down through the aperture. If speaker cables are not already installed this should be done at this stage. It is likely that you will need to gain access through the floor above to route the cables down into the wall cavity.

Leave enough spare cable through the aperture to ease connection to the speaker frame, but not so much that it is likely to buzz or rattle when pushed back up into the wall space. Approximately 1.0m (3 ft) is appropriate.

Note: Always use high quality, low resistance speaker cable. Low resistance is especially important if the length of cable from amplifier to speaker exceeds 5m. Your local Bowers & Wilkins retailer will be able to offer advice on speaker cable selection if required.

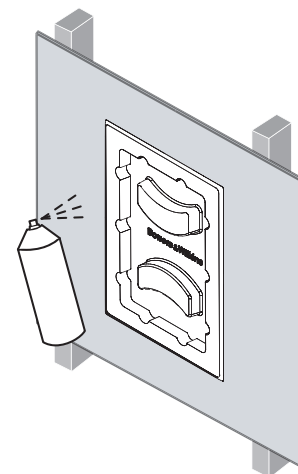
4.3 Now connect the speaker cable to the spring terminals on the side of the frame. Ensure that the speaker connection polarity is correct: the cable connected to the positive terminal on the amplifier should be connected to the red spring terminal on the frame. Similarly, the cable connected to the negative terminal on the amplifier should be connected to the black spring terminal on the frame. The diagram above illustrates cable connection.

Note: If an amplifier is already connected to the cable it should be switched off while connections are being made to the frame.



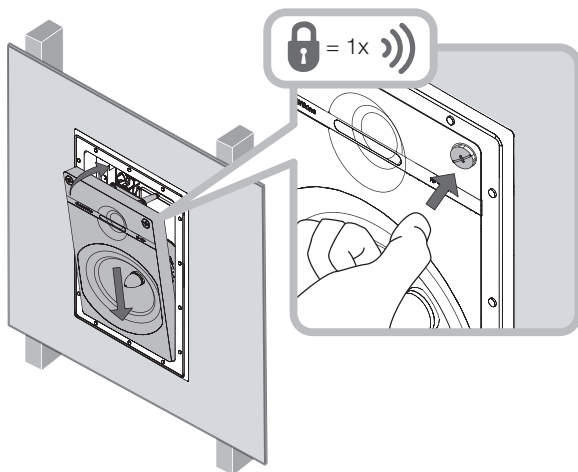
4.4 With the frame connected it may be inserted into the wall aperture. Ensure that the QuickDogs™ (spring clamps) are rotated so that they will pass through the aperture then insert the frame up so that the flange is flush on the wall. Take care that the cable is not trapped. Now reach inside the aperture, rotate the QuickDogs™ outwards and, using two fingers and thumb, pull each spring clamp downwards so that the frame is fixed securely. There are four QuickDogs™ on the CWM652 and six on the CWM663 and CWM664. The diagram above illustrates insertion of the frame.

Note: To release a spring clamp push the metal tab, located just below the finger platform, upwards.



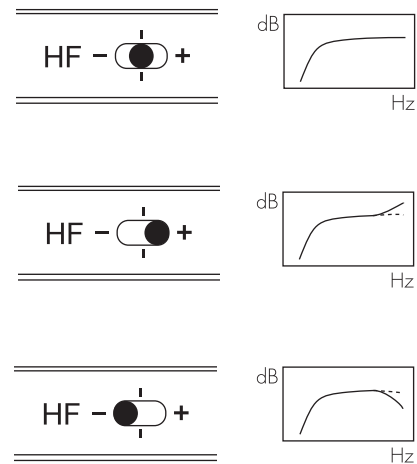
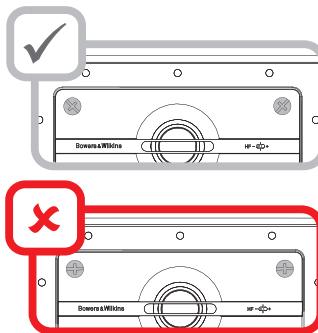
4.5 If the frame flange is to be painted it should be done at this stage. Any conventional, domestic paint may be applied by brushing, rolling or spraying. Use the supplied paint mask to avoid getting paint in the cavity. Painting without using the paint mask risks contamination of the internal connection terminals or the grille attachment magnets. The diagram above illustrates painting using the paint mask.

Note: If the grille is to be painted this should be done "off-line" before it is fitted.



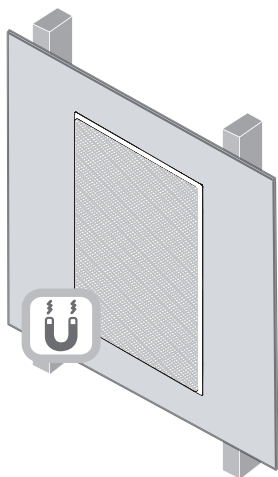
4.6 The baffle can now be fitted into the frame. Ensure that the connector on the baffle is oriented correctly with the connector in the frame. The baffle is hinged into place along its bottom edge and secured at the top by two push-lock fasteners. Push-lock fasteners are secured by pushing the head inwards – either with a thumb or a screwdriver. Please ensure that the largest groove on the fastener is orientated at a diagonal, pointing to the corner of the baffle, before pushing the fastener. As they secure, the fasteners will click. The baffle will then be secure in the frame. The diagram above illustrates inserting the baffle and securing the push-lock fasteners.

Note: Push-lock fasteners are released by turning anticlockwise with a screwdriver.



4.7 A three position high frequency level switch is fitted to CWM600 series models, on the front face of the baffle. The centre position of the switch gives a nominally level frequency response.

The HF+ boost position can be useful where the listening environment is acoustically absorbent, for instance where carpets, soft furnishings and curtains predominate, or where the speakers are covered by curtains or wall hangings. The HF- cut position may be preferred where the listening environment is acoustically reflective, for instance where hard floors and glass predominate. The diagram above illustrates the level switch and its effect.



4.8 The grille can now be fitted to the baffle. It is held in place magnetically, so simply needs to be aligned with the groove in the frame flange, where it will click into place. The diagram above illustrates fitting the grille.

The CWM6 Series speaker is now installed and ready for use.

Bowers & Wilkins

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Bowers & Wilkins

Custom Installation

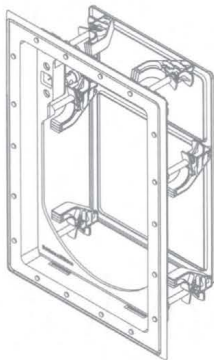
CWM663

CWM664

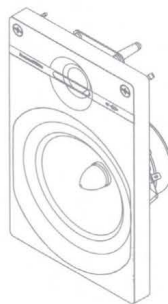
CWM652

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1 x

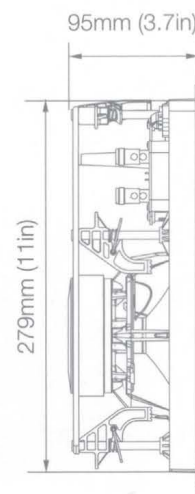
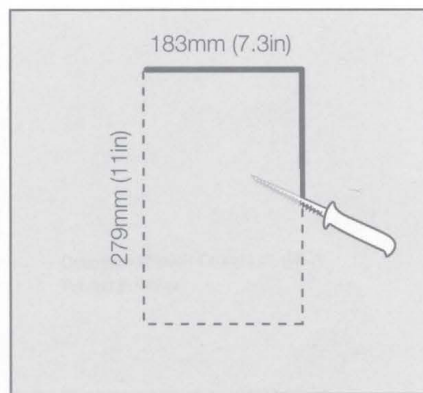
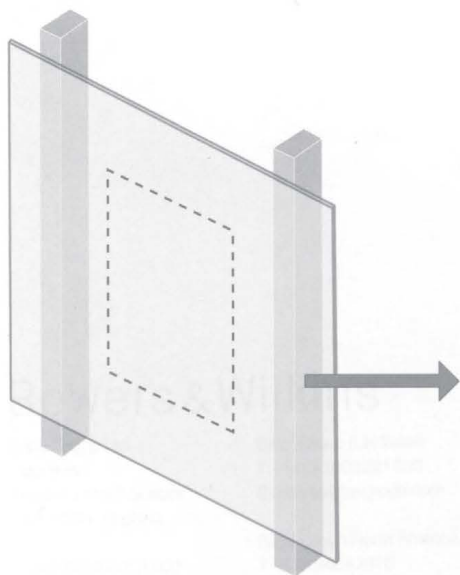


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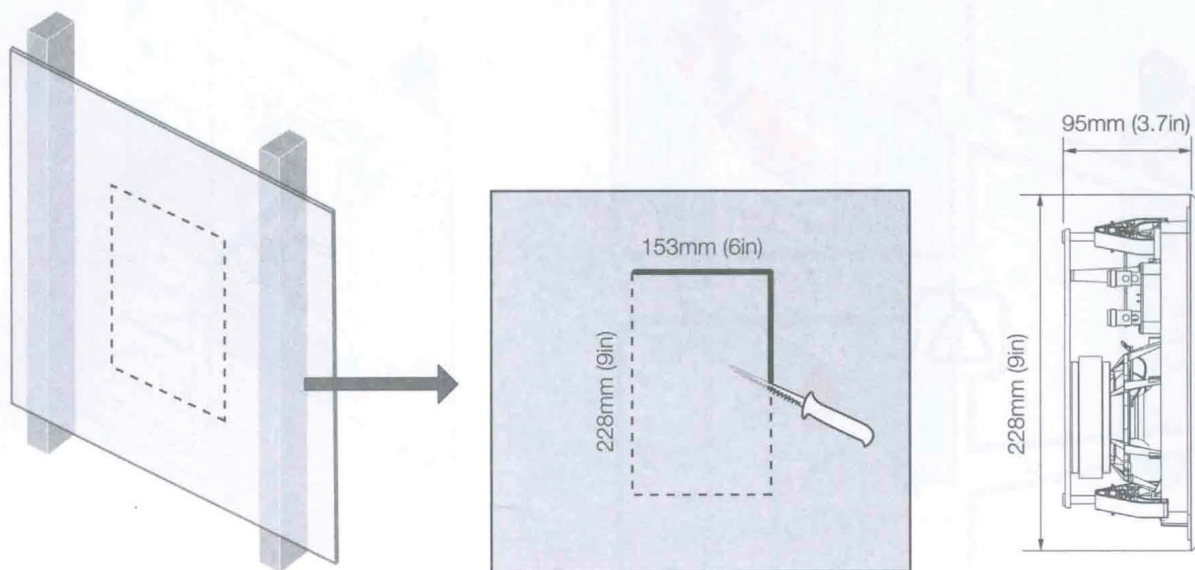
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CWM663, CWM664

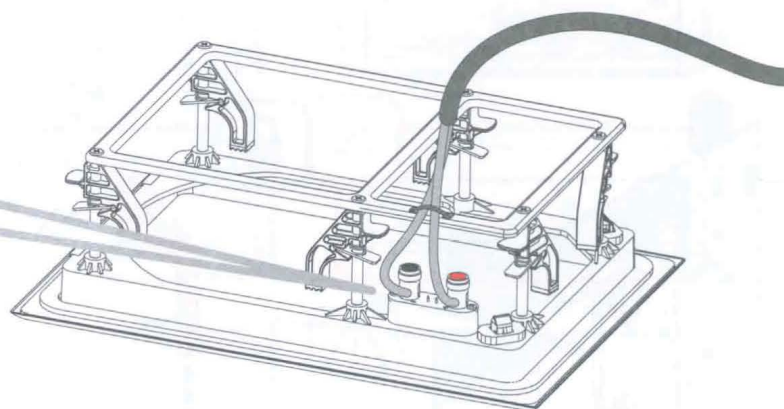
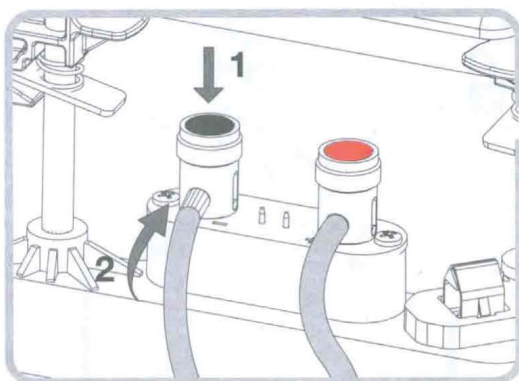


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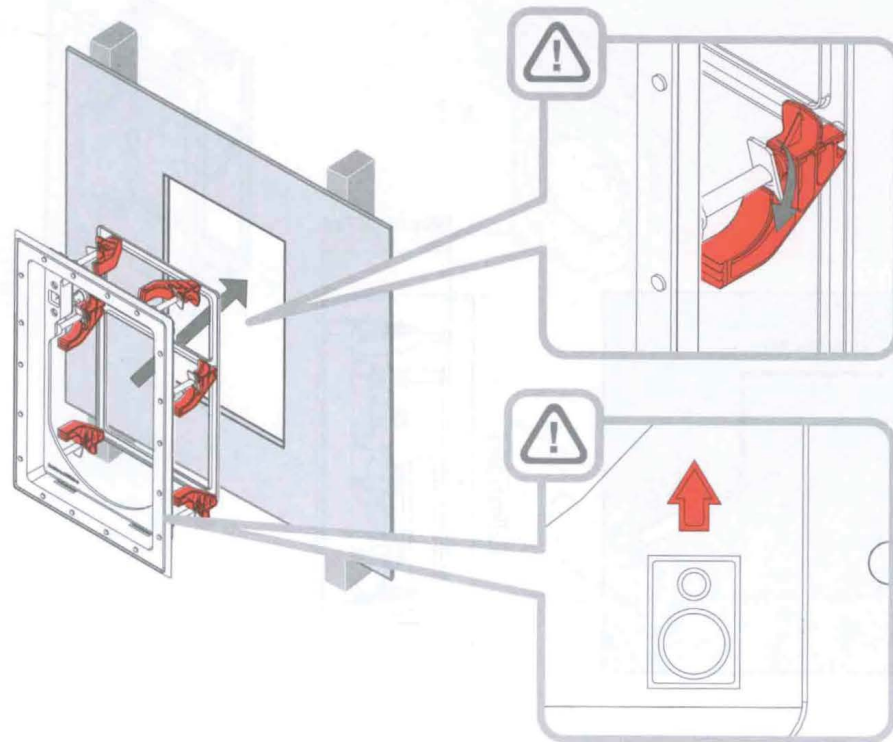
CWM652



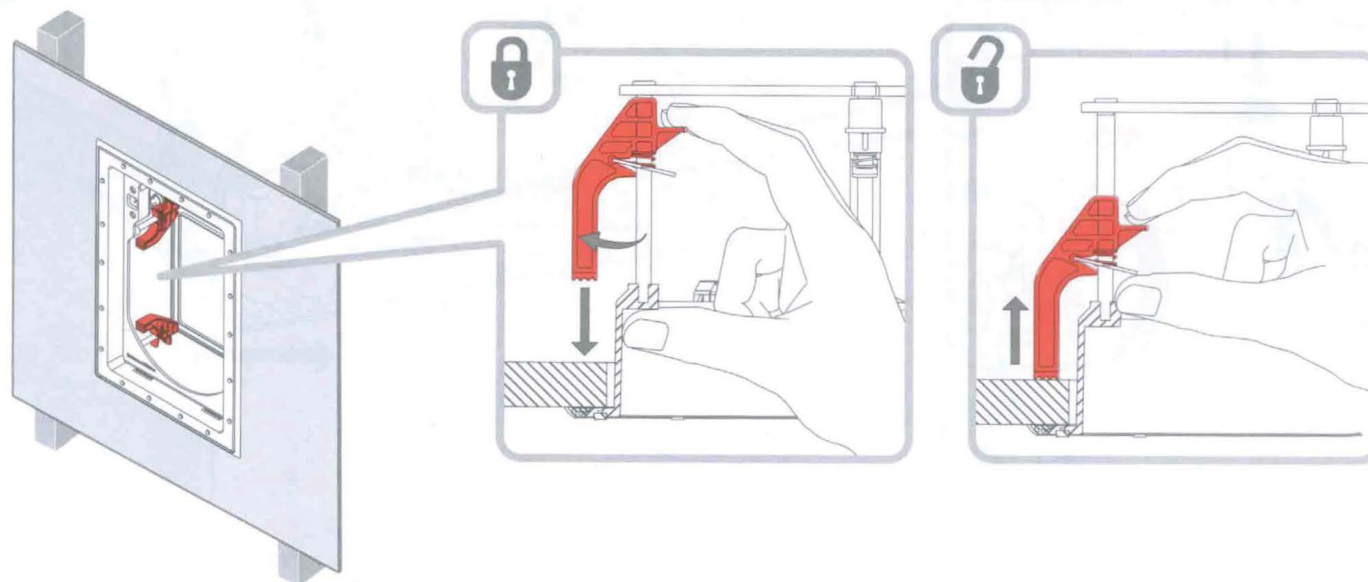
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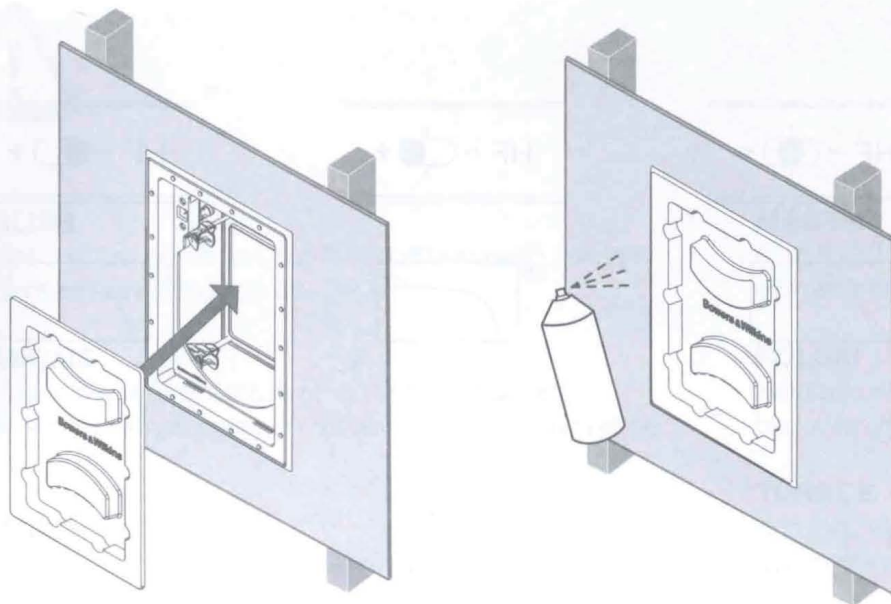
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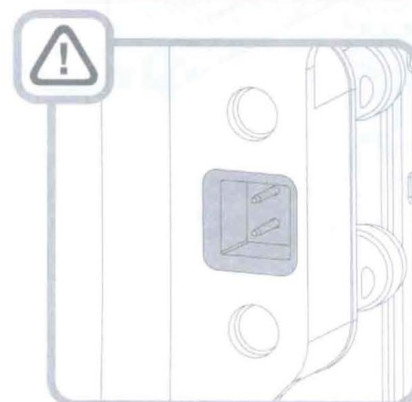
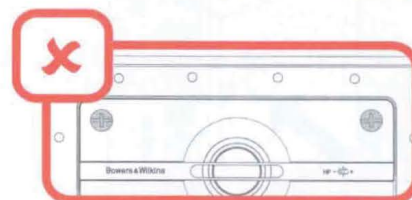
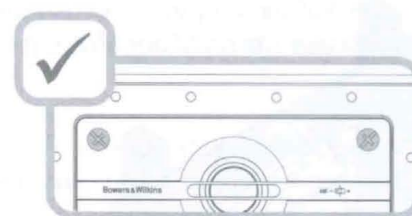
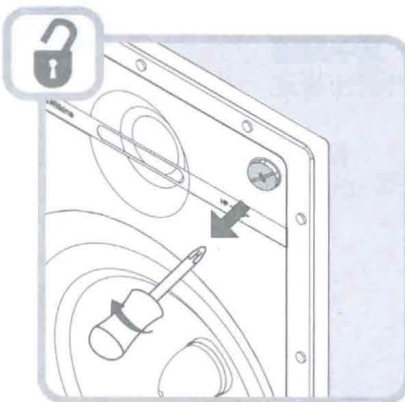
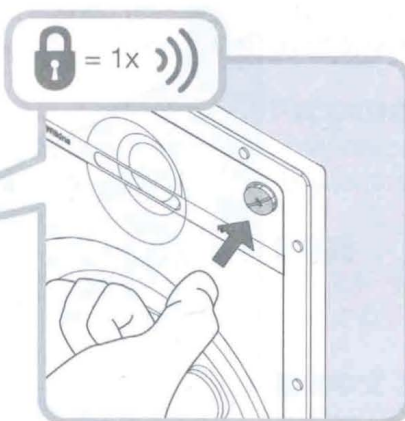
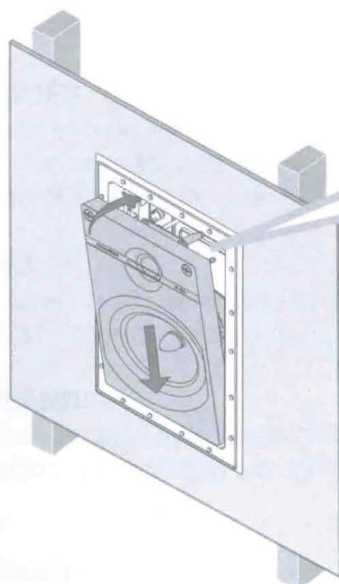
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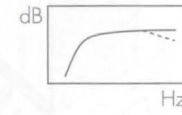
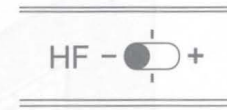
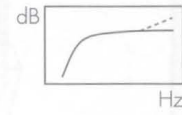
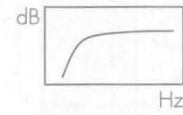
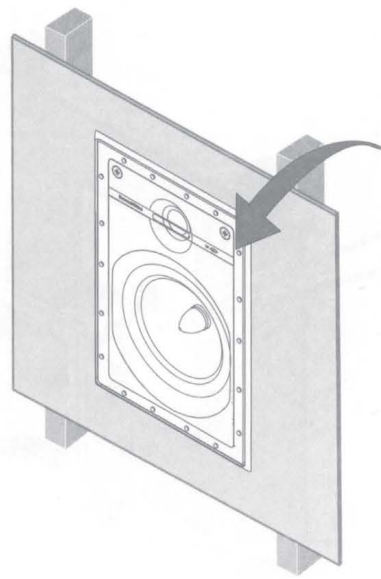
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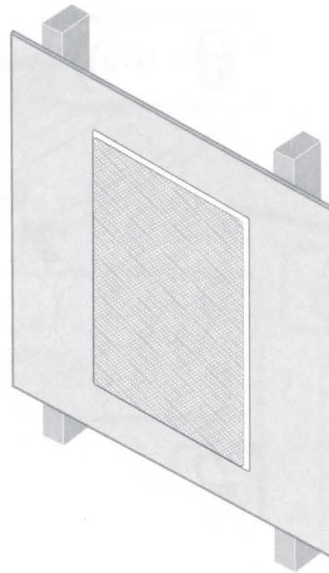
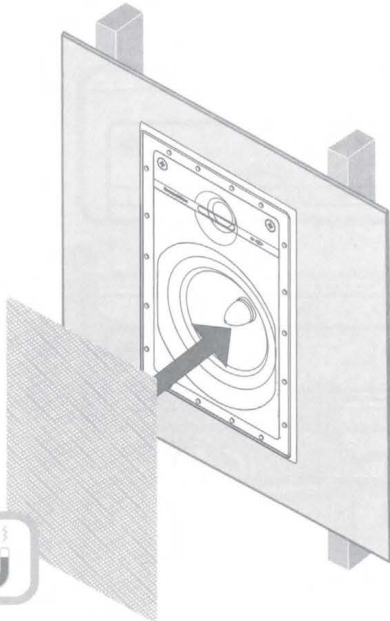
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7



8





ENGLISH

Installation must be carried out in accordance with national building and wiring regulations.

FRANÇAIS

L'installation doit être réalisée en conformité avec les réglementations nationales en matière de construction et de câblage.

DEUTSCH

Bei der Installation müssen die nationalen Baubestimmungen und Verdrahtungsvorschriften eingehalten werden.

ESPAÑOL

La instalación debe realizarse en concordancia con la normativa nacional en materia de construcción y cableado de edificios.

PORTUGUÊS

A instalação tem de ser efectuada em conformidade com as regulamentações nacionais relativas a edifícios e respectivas instalações eléctricas.

ITALIANO

L'installazione deve essere eseguita nel rispetto delle norme nazionali in materia di edilizia e di impianti elettrici.

NEDERLANDS

De installatie moet in overeenstemming met de nationale bouw- en bedradingsvoorschriften worden uitgevoerd.

ČESKY

Montáž musí být prováděna v souladu s místními stavebními a elektroinstalačními předpisy.

SLOVENČINA

Inštalácia musí byť vykonaná v súlade so zákonnými smernicami o stavbe a káblovaní.

MAGYAR

A szerelést a nemzeti építési és vezetékekre vonatkozó előírásoknak megfelelően kell elvégezni.

POLSKI

Instalację należy przeprowadzić zgodnie z krajowymi regulacjami budowlanymi i przepisami dotyczącymi instalacji elektrycznych.

TÜRKÇE

Kurulum, ulusal inşaat ve elektrik şebekesi düzenlemelerine uygun olarak gerçekleştirilmelidir.

ΕΛΛΗΝΙΚΑ

Η εγκατάσταση θα πρέπει να γίνεται με την εφαρμογή των εθνικών οικοδομικών κανονισμών, καθώς και των κανονισμών αναφορικά με τη συνδεσμολογία και των καλωδιώσεων.

РУССКИЙ

Установка должна быть выполнена в соответствии с государственными строительными и пожарными нормами.

日本語

インストールは、国が定める建築物及び配線のレギュレーションに従って行わなければなりません。

简体中文

安装必须按照国家建筑和接线规定进行。

繁體中文

安裝必須按照國家建築和接線規定進行。

한국어

설치는 국가 건물 및 배선 규정에 따라 수행해야 합니다.

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Bowers & Wilkins

Warranty

Garantie

Garantie

Garantía

Garantia

Garanzia

Garantie

Záruka

Záruka

Jótállás

Gwarancja

Εγγύηση

Гарантия

保証

有限保修

有限保修

보증

English Warranty

Bowers & Wilkins products are designed and manufactured to the highest quality standards. However, if something does go wrong with the product, B&W Group Ltd. and its national distributors warrant free of charge labour (exclusions may apply) and replacement parts in any country served by an official Bowers & Wilkins distributor.

This warranty complements any national or regional legal obligations of dealers or national distributors and does not affect your statutory rights as a customer. Some regional legal obligations outside the control of B&W Group Ltd. may reduce the scope or time of the terms outlined below. In particular:

- Special warranty terms apply in the Russian Federation.
- Specific import regulations apply in Brazil.
- See adjacent column for specific warranty instructions that apply in Australia.

Please contact the relevant national distributor for details.

Terms and Conditions

This warranty:

- 1 is valid only for products purchased from an authorised Bowers & Wilkins retailer or dealer.
- 2 is valid from the date of purchase for a period of five years for passive loudspeakers and two years for powered loudspeakers, electronics and headphones, except that exclusions apply in certain countries in line with national law. Please consult the Bowers & Wilkins distributor in your country for detailed information.
- 3 is limited to the repair of the equipment. Neither transportation, nor any other costs, nor any risk for removal, transportation and installation of products is covered by this warranty.
- 4 is only valid for the original owner. It is not transferable.
- 5 will not be applicable in cases other than defects in materials and/or workmanship at the time of purchase and will not be applicable:
 - a for deterioration of component parts, the nature of which is to become worn or depleted with use, such as batteries and headphone ear pads.
 - b for damages caused by incorrect installation, connection or packing.
 - c for damages caused by any use other than correct use described in the user manual, negligence, modifications, or use of parts that are not made or authorised by B&W Group Ltd.,
 - d for damages caused by faulty or unsuitable ancillary equipment,
 - e for damages caused by accidents, lightning, water, fire heat, war, public disturbances or any other cause beyond the reasonable control of B&W Group Ltd. and its appointed distributors,
 - f for products whose serial number has been altered, deleted, removed or made illegible,
 - g if repairs or modifications have been executed by an unauthorised person.

How to claim repairs under warranty

Should you have any concerns regarding the performance of your product, please use the following procedure:

- 1 You can find all contact details by clicking on 'Contact Bowers & Wilkins' at the bottom of the home page of our web site and selecting the appropriate country.
- 2 Our representative will discuss your concerns. If it is found necessary to return the product for repair, you may be given a Return Merchandise Authorisation. You should not return the product without this authorisation, if given.

To validate your warranty, you will need to produce the original sales invoice or other proof of ownership and date of purchase.

Australia Warranty Information

In addition to other rights and remedies available to consumers at law, this product comes with a defect warranty by **Convoy International Pty Limited ('Convoy')**.

Address: Locked Bag 970, Botany NSW 1455
Tel: 1800 817 787
Email: service@convoy.com.au

The warranty is for the benefit of the original purchaser only. Convoy will repair, replace or refund (Convoy's choice) for any defect that is reported to Convoy within the warranty period stated on the packaging or in documentation accompanying this product. If more than one period is stated then the longer period applies. If no period is stated then 2 years applies. Any reference to 'lifetime' means the lesser of the lifetime of the original purchaser or the period the original purchaser owns the product.

This warranty is not transferable and is limited to defects that arise in the course of normal domestic use or installation. Defects arising from misuse, neglect or improper care, fluctuation in current, incorrect software upgrade, incorrect assembly or installation, alteration, modification or unauthorised repair are not covered. Cabinetry marks or damage and products with defaced serial numbers are not covered. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

In order to claim under the warranty, supply your proof of purchase documents with the make, model, serial number, date and place of purchase of your item to Convoy and deliver your item to the Authorised Service Centre nominated by Convoy in response to your claim.

You must bear any delivery or other expense incurred in making your claim.

Brand	Category	Warranty Period
Bowers & Wilkins	Passive Loudspeakers	5 Years
	Active Loudspeakers (including subwoofer and Wireless Music Systems)	2 Years
	Headphones	2 Years
	Accessories	1 Year

Français Garantie

Les produits Bowers & Wilkins sont conçus et fabriqués selon les normes de qualité les plus élevées. Cependant, au cas où vous auriez à constater un souci quelconque avec votre produit, B&W Group Ltd et ses distributeurs nationaux s'engagent à prendre en charge gratuitement sa remise en état « pièces et mains-d'œuvre » (des exclusions peuvent toutefois s'appliquer) et cela dans tous les pays qui disposent d'un distributeur officiel Bowers & Wilkins.

Cette garantie vient en complément des obligations juridiques régionales ou nationales des concessionnaires ou distributeurs et n'affecte pas vos droits statutaires en tant que client. Certaines obligations légales ou régionales échappant au contrôle de B&W Group Ltd peuvent toutefois réduire la portée ou le temps nécessaire pour appliquer les dispositions décrites ci-dessous. En particulier :

- des conditions de garanties particulières s'appliquent pour la Fédération de Russie.
- des réglementations spécifiques s'appliquent à l'importation au Brésil.

Veuillez s'il vous plaît contacter le distributeur national de la marque pour plus de détails.

Termes et Conditions

Cette garantie :

- 1 est valable uniquement pour les produits achetés par l'intermédiaire d'un revendeur ou distributeur Bowers & Wilkins.
- 2 est valable à partir de la date d'achat et pour une période de cinq ans pour les enceintes acoustiques passives et deux ans pour les enceintes acoustiques et caissons de graves actifs, les électroniques et les casques, sauf au cas où des exclusions s'appliqueraient dans certains pays et conformément aux règles en vigueur. Consulter votre distributeur local Bowers & Wilkins dans votre pays pour avoir des informations plus détaillées.
- 3 est limitée à la réparation de l'équipement. Notamment : le transport, l'enlèvement ou l'installation des produits, ne sont pas couverts par la garantie.
- 4 est uniquement valable pour le propriétaire d'origine. Elle n'est pas transférable.
- 5 ne sera applicable que pour des défauts de matériaux et/ou de fabrication existant au moment de l'achat. La garantie ne s'appliquera pas :
 - a pour la détérioration de composants qui par nature se dégradent à l'usage comme les piles et les oreillettes de casque.
 - b pour les dommages causés par une mauvaise installation, connexion ou emballage.
 - c pour les dommages causés par un usage autre que ceux décrits dans le manuel d'utilisation, dans le cas de négligences, de modifications, ou d'utilisation conjointe d'éléments qui ne sont pas conçus ou autorisés par B&W Group Ltd,
 - d pour les dommages causés par des équipements auxiliaires inadaptés ou défectueux.
 - e pour les dommages causés par les accidents, la foudre, l'eau, la chaleur d'un incendie, la guerre, des troubles publics ou toute autre cause qui sont hors du domaine de contrôle de B&W Group Ltd et ses distributeurs agréés,
 - f pour les produits dont le numéro de série a été modifié, effacé, enlevé ou rendu illisible,
 - g si des réparations ou des modifications ont été exécutées par une personne non autorisée.

Comment demander des réparations sous garantie

Si vous avez des doutes ou des problèmes de performances avec votre produit, veuillez s'il vous plaît utiliser la procédure suivante :

- 1 Vous pourrez trouver toutes nos coordonnées en cliquant sur "Contacter Bowers & Wilkins" au bas de la page d'accueil de notre site web et en sélectionnant le pays approprié.
- 2 Notre représentant discutera avec vous de vos préoccupations. S'il estime nécessaire de nous retourner le produit pour réparation, vous pourrez alors recevoir une autorisation de retour de marchandises. Vous ne devez pas nous retourner le produit sans avoir eu cette autorisation.

Pour valider votre garantie, vous aurez besoin de fournir la facture de vente originale ou toute autre preuve de propriété, ainsi que la date d'achat.

EU Declaration of Conformity

English

Bowers & Wilkins hereby declares that this product is in compliance with Directive 2011/65/EU. The complete Declaration of Conformity can be found at www.bowers-wilkins.com/compliance

Français

Par la présente, Bowers & Wilkins atteste que ce produit est conforme avec la Directive 2011/65/EU. La Déclaration de Conformité peut être consultée dans son intégralité à : www.bowers-wilkins.com/compliance.

Deutsch

Bowers & Wilkins erklärt hiermit, dass dieses Produkt die Bestimmungen der Richtlinie 2011/65/EU erfüllt. Die vollständige Konformitätserklärung finden Sie unter www.bowers-wilkins.com/compliance.

Español

Por la presente, Bowers & Wilkins declara que este producto cumple las exigencias de la Directiva 2011/65/EU. Podrá encontrar la Declaración de Conformidad al completo en www.bowers-wilkins.com/compliance.

Português

A Bowers & Wilkins declara, por este meio, que este produto está em conformidade com a Directiva 2011/65/EU. Pode encontrar a declaração de conformidade completa em www.bowers-wilkins.com/compliance.

Italiano

Con la presente Bowers & Wilkins dichiara che questo prodotto è conforme alla Direttiva 2011/65/UE. La Dichiarazione di Conformità completa è reperibile alla pagina www.bowers-wilkins.com/compliance.

Nederlands

Bowers & Wilkins verklaart hierbij dat dit product in overeenstemming is met Directive 2011/65/EU. De complete verklaring van overeenstemming is te vinden op www.bowers-wilkins.com/compliance

Česky

Firma Bowers & Wilkins prohlašuje, že tento produkt je v souladu s nařízením 2011/65/EU. Kompletní prohlášení o shodě lze nalézt na internetových stránkách www.bowers-wilkins.com/compliance

Slovenčina

Spoločnosť Bowers & Wilkins týmto vyhlasuje, že tento výrobok spĺňa všetky ustanovenia podľa smernice 2011/65/ES. Úplné znenie Vyhlásenia o zhode nájdete na adrese www.bowers-wilkins.com/compliance.

Magyar

A Bowers & Wilkins ezúton kijelenti, hogy a termék megfelel a 2011/65/EU irányelvének. A Megfelelőségi Nyilatkozat teljes szövege a www.bowers-wilkins.com/compliance címen található.

Polski

Bowers & Wilkins oświadcza, że niniejszy produkt jest zgodny z przepisami Dyrektywy 2011/65/WE. Pełna wersja „Deklaracji zgodności” znajduje się na stronie internetowej www.bowers-wilkins.com/compliance.

Ελληνικά

Η Bowers & Wilkins δια του παρόντος δηλώνει ότι αυτό το προϊόν συμμορφώνεται με την Οδηγία 2011/65/EK. Για την πλήρη Δήλωση Συμμόρφωσης, επισκεφθείτε τη διεύθυνση www.bowers-wilkins.com/compliance.

Русский

Настоящим Bowers & Wilkins заявляет, что этот продукт удовлетворяет требованиям Directive 2011/65/EU. Полную Декларацию Соответствия можно найти по адресу: www.bowers-wilkins.com/compliance