

This guide is designed to make installing and using this product as easy as possible. Information in this document has been carefully checked for accuracy at the time of printing; however, Cambridge Audio's policy is one of continuous improvement, therefore design and specifications are subject to change without prior notice.

Befolgen Sie für die Installation und Verwendung des Produkts die Schritte in dieser Bedienungsanleitung. Die Informationen in dieser Anleitung wurden zur Zeit der Drucklegung hinsichtlich ihrer Genauigkeit sorgfältig überprüft. Cambridge Audio ist jedoch bestrebt, seine Produkte ständig zu verbessern, und daher können sich das Design und die technischen Daten ohne vorherige Ankündigung ändern.

Ce manuel vise à faciliter l'installation et l'utilisation de ce produit. Les informations qu'il contient ont été vérifiées soigneusement avant leur impression. Toutefois, comme Cambridge Audio a pour principe d'améliorer constamment ses produits, les caractéristiques techniques et générales peuvent être modifiées sans préavis.

Esta guía está diseñada para que instalar y utilizar este producto sea lo más fácil posible. La precisión de la información que contiene este documento fue verificada cuidadosamente en el momento de su impresión. No obstante, la política de Cambridge Audio se basa en mejorar continuamente, por lo que el diseño y las especificaciones están sujetas a modificaciones sin previo aviso.

Questa Guida è stata ideata per rendere l'installazione e l'impiego di questo prodotto più facile possibile. Le informazioni contenute in questo documento sono state accuratamente verificate per la loro esattezza al momento della stampa; in ogni caso la politica di Cambridge Audio è fatta di miglioramenti continui, per cui il progetto e le specifiche sono soggetti a modifiche senza necessità di preavviso.

Deze handleiding is bedoeld om de installatie en het gebruik van het product zo eenvoudig mogelijk te maken. De in dit document verstrekte informatie is voor het drukken zorgvuldig gecontroleerd op nauwkeurigheid; het beleid van Cambridge Audio is echter gericht op voortdurende verbetering. Ontwerp en specificaties kunnen derhalve zonder voorafgaande kennisgeving worden gewijzigd.

Denna handbok är utformad för att underlätta installation och användning av denna produkt. Informationen i detta dokument har kontrollerats noggrant vid tryckningsstadiet. Cambridge Audio har dock en policy av kontinuerlig förbättring, vilket innebär att design och specifikationer kan ändras utan föregående meddelande.

Настоящее руководство поможет пользователю установить оборудование и эксплуатировать его с максимальной эффективностью. Содержащаяся в настоящем документе информация была тщательно проверена на момент публикации. Однако компания Cambridge Audio проводит политику постоянного совершенствования выпускаемой ею продукции, и поэтому оставляет за собой право вносить изменения в конструкцию изделий и их технические характеристики без предварительного уведомления.



#### Read all instructions

Bitte lesen Sie alle Punkte genau durch  
Lisez toutes les instructions

Lea todas las instrucciones  
Leggere tutte le istruzioni  
Lees alle aanwijzingen  
Läs alla instruktioner  
Прочтите все инструкции



#### Avoid damp

Kontakt mit Feuchtigkeit vermeiden  
N'installez pas le système dans un environnement humide

Evite la humedad  
Evitare l'umidità  
Vermijd vocht  
Undvik fukt  
Не допускайте воздействия влаги



#### Avoid direct sunlight

Nie direktem Sonnenlicht aussetzen  
Évitez une exposition directe aux rayons du soleil

Evite la luz directa del sol  
Evitare la luce solare diretta  
Vermijd direct zonlicht  
Undvik direkt sollys  
Не допускайте воздействия прямого солнечного света



#### Avoid extreme temperatures

Extreme Temperaturen vermeiden  
Évitez les températures extrêmes

Evite temperaturas extremas  
Evitare temperature estreme  
Vermijd extreme temperature

Undvik extrema temperaturförhållanden  
Не допускайте воздействия экстремальных температур



#### Avoid solvent-based cleaners

Keine Lösemittel zum Reinigen verwenden  
N'utilisez pas de produit de nettoyage à base de solvant

Evite utilizar limpiadores basados en disolventes  
Evitare detergenti basati su solventi  
Vermijd reinigingsmiddelen op basis van oplosmiddelen  
Undvik lösningsbaserade rengöringsmedel  
Не пользуйтесь очистителями на основе растворителей



#### Secure all cables

Alle Kabel gut sichern  
Attachez fermement tous les câbles

Asegure todos los cables  
Fissare tutti i cavi  
Beveilig alle kabels  
Säkra alla kablar  
Закрепите все кабели

## Technical specifications / Technische daten / Caractéristiques techniques / Especificaciones técnicas / Specifiche tecniche / Technische specificaties / Tekniska specifikationer / Технические характеристики

|                           | C165                                             | C165SS                                              |
|---------------------------|--------------------------------------------------|-----------------------------------------------------|
| <b>Sensitivity (SPL)</b>  | 90dB (2.83 Vrms input)                           | 86dB (2.83 Vrms input)                              |
| <b>Frequency response</b> | 50Hz - 20kHz                                     | 60Hz - 20kHz                                        |
| <b>Impedance</b>          | 4 Ohms                                           | 4 Ohms                                              |
| <b>Drivers</b>            | 1 x 6.5" (165mm) woofer<br>1 x 1" (25mm) tweeter | 1 x 6.5" (165mm) woofer<br>2 x 0.5" (13mm) tweeters |
| <b>Speaker dimensions</b> | 97 x Ø 240mm                                     | 97 x Ø 240mm                                        |
| <b>(H x D)</b>            | (3.8 x Ø 9.4")                                   | (3.8 x Ø 9.4")                                      |
| <b>Weight</b>             | 1.28Kg (2.8lbs)                                  | 1.28Kg (2.8lbs)                                     |



The crossed-out wheeled bin is the European Union symbol for indicating separate collection for electrical and electronic equipment. This product contains electrical and electronic equipment which should be reused, recycled or recovered and should not be disposed of with unsorted regular waste. Please return the unit or contact the authorised dealer from whom you purchased this product for more information.

Die durchgestrichene Abfalltonne auf Rädern ist das Symbol der Europäischen Union, das das getrennte Sammeln von Elektro- und Elektronikgeräten anzeigt. Dieses Gerät enthält elektrische und elektronische Teile, die wiederverwendet, recycelt oder wiedhergestellt werden können und nicht mit unsortiertem normalem Restabfall entsorgt werden dürfen. Bitte geben Sie das Gerät zurück oder wenden Sie sich für weitere Informationen an Ihren Fachhändler, von dem Sie dieses Gerät gekauft haben.

La poubelle à roulettes barrée d'une croix est le symbole de l'Union européenne indiquant la collecte séparée des appareils et dispositifs électriques et électroniques. Ce produit contient des dispositifs électriques et électroniques qui doivent être réutilisés, recyclés ou récupérés, et qui ne doivent pas être jetés avec les déchets ordinaires non triés. Veuillez remettre l'appareil au revendeur agréé chez qui vous avez acheté ce produit, ou le contacter pour plus d'informations.

El cubo con ruedas tachado es el símbolo de la Unión Europea para indicar un conjunto separado de equipos eléctricos y electrónicos. Este producto contiene equipos eléctricos y electrónicos que deben ser reutilizados, reciclados o recuperados y no deben desecharse con los desperdicios habituales sin clasificar. Por favor devuelva el equipo o póngase en contacto con el distribuidor autorizado a quien compró este producto para obtener más información.

Il contenitore a rotelle per rifiuti, sormontato da una croce, rappresenta il simbolo dell'Unione Europea per indicare una raccolta separata dei dispositivi e apparecchiature elettriche ed elettroniche. Questo prodotto contiene parti elettriche ed elettroniche che devono essere riutilizzate, riciclate o ricoperate, e non deve pertanto essere gettato assieme ai normali rifiuti non riordinati. Potete restituire quest'apparecchio al negoziante, o mettersi in contatto con il distributore autorizzato presso il quale lo avevate acquistato per ulteriori informazioni.

De doorgekruiste verrijdbare afvalbak is het symbool van de Europese Unie waarmee wordt aangegeven dat elektrische en elektronische apparatuur gescheiden dient te worden ingezameld. Dit product bevat elektrische en elektronische inrichtingen die opnieuw moeten worden gebruikt, gerecycled of hersteld en niet mogen worden weggegooid bij het ongesorteerde normale afval. Breng het apparaat terug of neem contact op met de bevoegde dealer waarbij u dit product hebt gekocht voor meer informatie.

Den överkorsade soptunnan är Europeiska Unionens symbol för att indikera separat uppsamling av elektrisk och elektronisk utrustning. Denna produkt innehåller elektrisk och elektronisk utrustning som kan återanvändas, återvinnas eller återhämtas och inte får kasseras med normalt sorterat hushållsavfall. Ta tillbaka apparaten eller kontakta den auktoriserade återförsäljaren som du köpte produkten från för mer information.

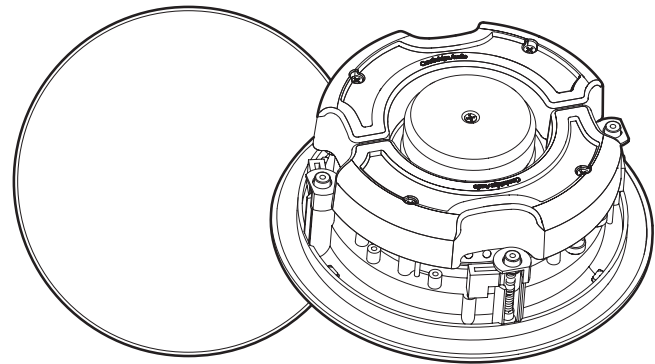
Ящик с колесами и с крестом — это символ Евросоюза для указания на отдельную коллекцию электрического и электронного оборудования. Это изделие содержит электрические и электронные компоненты, которые должны быть повторно использованы, переработаны или восстановлены и не должны утилизироваться совместно с несортированными обычными отходами. Постарайтесь возвратить устройство или обратитесь к авторизованному дилеру, у которого Вы приобрели это изделие, для получения дополнительной информации.

## Installation guide

Installationsanleitung  
Guide d'installation  
Guía de instalación  
Guida all'installazione  
Installatiehandleiding  
Installationsguide  
Руководство по установке

# C165 C165SS

6.5" Passive  
Ceiling Speaker



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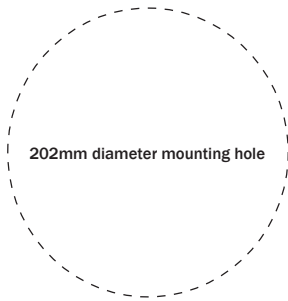
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www.cambridge-audio.com  
Part No. AP33497/2

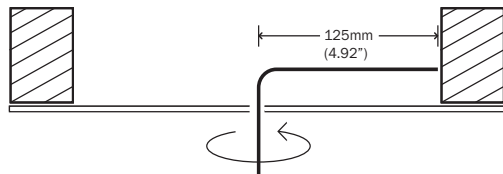
Cambridge Audio  
Your music + our passion

# 1. Remove the round cardboard pad from inside the supplied template .



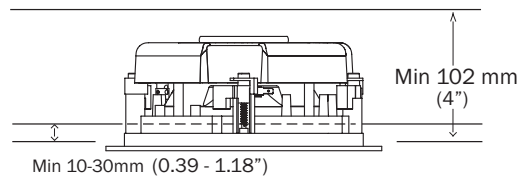
# 2 Use the template to mark the position for the mounting hole at the selected location.

Before cutting ceiling speaker holes, it is suggested that the area is tested for clearance by making an L-shaped probe from strong wire (see illustration below), drilling a small hole in the target area, inserting the probe and slowly turning. Any obstructions will be immediately obvious, and the target area can be moved to a more suitable position.



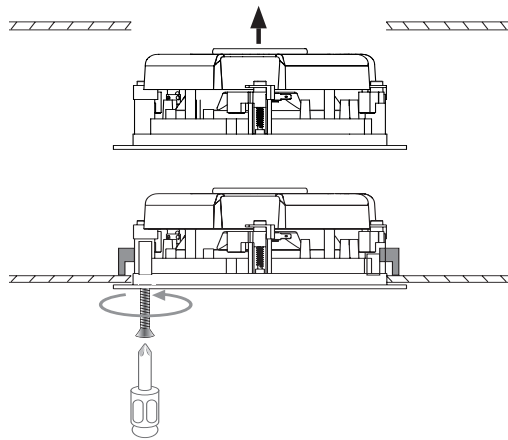
# 3 Cut the mounting hole with a drywall or keyhole saw.

Be sure the mounting surface is between 10 and 30mm (0.39 - 1.18") thick, and that there is at least 93mm (3.74") of clearance behind the mounting surface.



## Mounting

Before mounting, ensure that the four fixing screws are slackened off so that the red mounting dog-legs can move freely. Move each red dog-leg foot to the LEFT into it's holding slot, and then insert the speaker into the mounting hole. Using a cross-head screwdriver, slowly turn each fixing screw clockwise. This will move the mounting dog-legs out of their slots. Tighten each fixing screw until the mounting dog-legs grip the ceiling.



Please check with your builder/installer whether you need to install a fire hood with this product. "Low smoke/zero halogen" specification Speaker cable may also be required.



(Optional accessories)

## Connecting

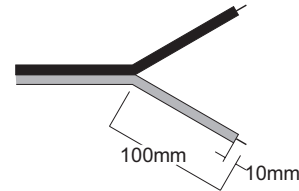
Do not compromise the performance of your system by using inferior quality speaker cables. We recommend that high quality cables of 16 gauge or higher be used. Your professional dealer will give you good advice. Always unplug all A.C. powered components before making any loudspeaker or component connections. This will avoid the risk of electric shock or damage to your equipment.

Follow these steps to connect the speaker to your amplification system:

# 1 Route the speaker cable from your amplification system to the speakers.

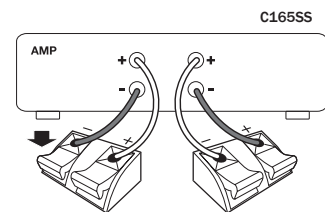
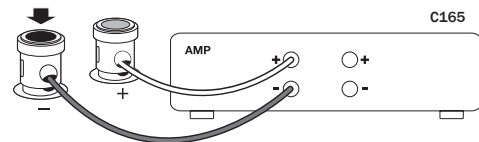
- Avoid routing the speaker cable near electrical wires
- Do not nail or staple the cable

# 2 Separate about 100mm of speaker cable at each end.



# 3 Using a wire stripper, remove about 10mm of insulation from both ends of each conductor, and then twist the strands of each conductor .

# 4 Observing polarity is of the utmost importance while connecting your speakers. Ensure that the red (+) terminals on your amplification system are connected to the red (+) on the speakers, and black (-) on your amplification system to black (-) on your speakers .



The speaker cable is coded with a bead or stripe down one lead's insulation, or has differently coloured wires. Press the spring-loaded red or black tab back to reveal the connecting hole. Insert the stripped end of the speaker wire, then release the tab.

# 5 If your speakers are wired incorrectly they will be out of phase and sound hollow and indistinct, with a weak bass. Re-check your connections for correct polarity and reverse the connections if necessary.

## PAINTING THE FRAME AND GRILLE

By reason of the magnet, we can remove grille by our finger easily , be careful. Fit the clear plastic painting mask provided when painting the speaker surround to avoid getting paint getting on the speaker cone.

