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› Bowers & Wilkins CCM362 In-Ceiling Speakers User Manual

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Bowers & Wilkins CCM362 In-Ceiling Speakers User Manual

Model: CCM362

1. INTRODUCTION

Thank you for choosing Bowers & Wilkins CCM362 in-ceiling speakers. This manual provides essential information for the proper installation, operation, and maintenance of your speakers. Please read it thoroughly before proceeding with installation and retain it for future reference.

The CCM362 is a two-way in-ceiling loudspeaker designed for wide-angle listening. It features a 160mm (6in) polypropylene cone bass/midrange driver and a 25mm (1in) soft dome tweeter. These speakers are suitable for various indoor environments, including high-humidity areas like saunas and indoor swimming pools.



Figure 1: Bowers & Wilkins CCM362 In-Ceiling Speaker (Grille Removed)

This image displays the Bowers & Wilkins CCM362 in-ceiling speaker without its protective grille. The central components, including the 160mm (6in) polypropylene cone bass/midrange driver and the 25mm (1in) soft dome tweeter, are visible. The red mounting clips, designed to secure the speaker within the ceiling opening, are also clearly shown around the perimeter.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the speakers or injury to yourself:

- **Electrical Safety:** Always disconnect power to the amplifier and any associated equipment before making or breaking connections. Ensure all wiring is correctly polarized and securely connected.
- **Mounting Safety:** Ensure the ceiling material is structurally sound and capable of supporting the weight of the speakers. Use appropriate tools and follow all local building codes. If unsure, consult a qualified installer.
- **Overpowering:** Do not exceed the maximum recommended amplifier power (80 watts nominal) to prevent speaker damage.
- **Moisture:** While suitable for high-humidity environments, avoid direct water exposure or submersion.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- 2 x Bowers & Wilkins CCM362 In-Ceiling Speakers
- 2 x Round Grilles (pre-installed or separate)
- Installation Template
- User Manual (this document)

4. SETUP AND INSTALLATION

4.1 Planning Speaker Placement

The CCM362 speakers are designed for wide-angle listening, offering flexibility in placement. Consider the primary listening area and aim for an even distribution of sound. Avoid placing speakers too close to corners or walls, which can affect bass response.

4.2 Ceiling Preparation

1. **Determine Location:** Select the desired speaker locations, ensuring no obstructions (e.g., joists, wiring, plumbing) are present behind the ceiling surface.
2. **Mark Cut-Out:** Use the provided installation template to mark the cut-out area on the ceiling. The required cut-out diameter is 204mm (8in).
3. **Cut Opening:** Carefully cut the opening in the ceiling using an appropriate tool (e.g., drywall saw).

4.3 Wiring

1. **Run Speaker Wire:** Route high-quality speaker wire from your amplifier to each speaker opening. Leave sufficient slack for connections.
2. **Strip Wires:** Carefully strip approximately 10-15mm (0.4-0.6in) of insulation from the ends of the speaker wires.
3. **Connect to Speaker:** Connect the speaker wires to the terminals on the back of the CCM362 speaker. Ensure correct polarity (+ to + and - to -) for all speakers in your system. The CCM362 uses RCA connectivity technology.

4.4 Mounting the Speaker

1. **Insert Speaker:** Gently insert the speaker into the prepared ceiling opening.
2. **Engage Clamps:** The CCM362 features dog-leg clamps. Turn the screws on the front baffle of the speaker clockwise. This will rotate the clamps outwards and tighten them against the ceiling material, securing the speaker in place. Do not overtighten.
3. **Attach Grille:** Once the speaker is securely mounted, attach the magnetic grille to the speaker baffle.

The mounting depth required is 79mm (3.2in), and the ceiling protrusion is 4mm (0.2in).

5. OPERATING INSTRUCTIONS

After successful installation, follow these steps to begin using your CCM362 speakers:

1. **Connect to Amplifier:** Ensure your amplifier is powered off. Connect the speaker wires from the CCM362 speakers to the appropriate speaker outputs on your amplifier, maintaining correct polarity.
2. **Power On:** Power on your amplifier and select the desired audio source.
3. **Adjust Volume:** Start with a low volume level and gradually increase it to your preferred listening level. The CCM362 speakers have a maximum power handling of 80 watts.
4. **Control Method:** Speaker control is typically managed via your amplifier or audio source, which may include app control depending on your system.

6. MAINTENANCE

To ensure the longevity and optimal performance of your CCM362 speakers, follow these simple maintenance guidelines:

- **Cleaning:** Dust the grilles and speaker surrounds periodically with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, but avoid excessive moisture.
- **Grille Care:** The grilles are magnetic and can be carefully removed for cleaning or painting. Handle them gently to avoid bending.
- **Environment:** While designed for high-humidity environments, ensure good ventilation and avoid direct exposure to extreme temperatures or chemicals.

7. TROUBLESHOOTING

If you encounter issues with your CCM362 speakers, consult the table below for common problems and solutions:

Problem	Possible Cause	Solution
No sound from speaker	Loose or incorrect wiring Amplifier not powered on or incorrect source selected Speaker damaged	Check all speaker wire connections for correct polarity and secure fit. Ensure amplifier is on and correct input is selected. Test with another speaker if possible.
Distorted sound	Overdriving amplifier/speakers Loose connections Damaged speaker cone	Reduce volume. Check wiring. Inspect speaker cone for visible damage.
Uneven sound balance	Incorrect speaker placement Amplifier balance settings	Review speaker placement relative to listening area. Adjust amplifier balance controls.

8. SPECIFICATIONS

Detailed technical specifications for the Bowers & Wilkins CCM362 In-Ceiling Speakers:

Feature	Specification
Model Name	CCM362
Speaker Type	In-Ceiling
Recommended Uses	Indoor
Surround Sound Channel Configuration	2.0
Included Components	2 x Speaker
Number of Items	2

Feature	Specification
Speaker Size	8 Inches (Woofer)
Tweeter Diameter	1 Inches
Audio Driver Type	Dynamic Driver
Audio Driver Size	8 Inches
Speaker Maximum Output Power	80 Watts
Connectivity Technology	RCA
Audio Output Mode	Stereo
Mounting Type	Ceiling Mount
Cut-Out Diameter	204mm (8in)
Mounting Depth	79mm (3.2in)
Ceiling Protrusion	4mm (0.2in)
Nominal Impedance	8Ω
Product Dimensions	9 x 9 x 3.5 inches
Item Weight	4 pounds
UPC	714346313624
Date First Available	October 14, 2015

9. WARRANTY AND SUPPORT

Bowers & Wilkins products are manufactured to high standards and undergo rigorous quality control. The CCM362 speakers come with a Limited Warranty. Please refer to the warranty card included with your product or visit the official Bowers & Wilkins website for detailed warranty terms and conditions specific to your region.

For technical support, troubleshooting assistance, or service inquiries, please contact your authorized Bowers & Wilkins dealer or visit the support section of the official Bowers & Wilkins website. Ensure you have your product model number (CCM362) and proof of purchase available when seeking support.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question