

Wharfedale Diamond 8.4

Wharfedale Diamond 8.4 Floor Standing Loudspeaker User Manual

Model: Diamond 8.4 | Brand: Wharfedale



1. INTRODUCTION

Thank you for choosing the Wharfedale Diamond 8.4 Floor Standing Loudspeaker. This manual provides essential information for the proper setup, operation, and maintenance of your new loudspeaker. Please read these instructions carefully before use to ensure optimal performance and longevity of your product.

The Wharfedale Diamond 8.4 is designed to deliver high-fidelity audio, suitable for both stereo music systems and home theater applications. It features dual 6.5-inch Kevlar woofers and a 1-inch silk dome tweeter, engineered for a balanced and dynamic sound experience.

2. SETUP

2.1 Unpacking

Carefully remove the loudspeaker from its packaging. Retain all packaging materials for future transport or storage. Inspect the speaker for any signs of damage. If damage is present, contact your retailer immediately.

2.2 Placement

The Diamond 8.4 is a floor-standing loudspeaker. For optimal sound reproduction, consider the following:

- **Stereo Setup:** Place the loudspeakers equidistant from your primary listening position, forming an equilateral triangle.
- **Home Theater Setup:** Position the front left and right speakers to flank your display, ensuring they are at a similar height and distance from the listening area.
- **Room Acoustics:** Experiment with the distance from walls. Placing speakers too close to walls can overemphasize bass, while placing them too far can reduce bass impact.

- **Stability:** Ensure the speakers are placed on a stable, level surface to prevent vibrations and ensure proper sound dispersion.



Figure 1: Front view of the Wharfedale Diamond 8.4 loudspeaker without its grille, showcasing the dual Kevlar woofers and silk dome tweeter.



Figure 2: Front view of the Wharfedale Diamond 8.4 loudspeaker with its protective grille installed.

2.3 Connections

The Diamond 8.4 features dual gold-plated speaker terminals, allowing for standard wiring, bi-wiring, or bi-amping

configurations. Ensure your amplifier is turned off before making any connections.

- **Standard Wiring:** Connect the positive (+) terminal of your amplifier to the red (+) terminal of the speaker, and the negative (-) terminal of your amplifier to the black (-) terminal of the speaker. Ensure the metal links between the HF (High Frequency) and LF (Low Frequency) terminals on the speaker are in place.
- **Bi-wiring:** Remove the metal links between the HF and LF terminals. Connect one pair of speaker cables from your amplifier to the HF terminals and another pair to the LF terminals. This can improve clarity and detail.
- **Bi-amping:** Similar to bi-wiring, but each set of HF and LF terminals is connected to a separate amplifier channel. This requires an amplifier with multiple channels or two stereo amplifiers.

Always ensure correct polarity (+ to + and - to -) for all connections to avoid phase issues and ensure proper sound reproduction.



Figure 3: Close-up view of the dual gold-plated speaker terminals on the rear of the Wharfedale Diamond 8.4, showing connections for bi-wiring/bi-amping.

3. OPERATING INSTRUCTIONS

3.1 Power Handling

The Wharfedale Diamond 8.4 loudspeakers are designed to handle amplifier power between 20 and 150 watts. Using an amplifier outside this range, or driving the speakers with excessive volume, can lead to damage. Always start with a low volume and gradually increase it to a comfortable listening level.

3.2 Initial Playback

After connecting your speakers, ensure your amplifier's volume is set to minimum. Power on your amplifier and source component. Select your desired audio source and slowly increase the volume. Listen for clear, balanced sound. If you hear distortion, reduce the volume immediately and check your connections.

3.3 Break-in Period

Like many high-fidelity loudspeakers, the Diamond 8.4 may benefit from a break-in period. This typically involves 20-50 hours of normal listening, during which the drivers will loosen up and achieve their optimal performance.

characteristics.

4. MAINTENANCE

4.1 Cleaning

- **Cabinet:** Use a soft, dry, lint-free cloth to gently wipe the cabinet surfaces. Avoid using abrasive cleaners, solvents, or polishes, as these can damage the finish.
- **Grilles:** The speaker grilles can be carefully removed for cleaning. Use a soft brush or a vacuum cleaner with a brush attachment on a low setting to remove dust.
- **Drivers:** Do not touch the speaker cones (woofers) or tweeter dome. Dust can be gently removed with a soft, dry brush if necessary, but extreme care must be taken to avoid damage.

4.2 General Care

- Keep the speakers away from direct sunlight, heat sources, and excessive moisture.
- Avoid placing heavy objects on top of the speakers.
- Ensure adequate ventilation around the speakers, especially if placed in an enclosed space.

5. TROUBLESHOOTING

If you experience issues with your Wharfedale Diamond 8.4 loudspeakers, please consult the following common troubleshooting steps before contacting support.

5.1 No Sound

- **Check Connections:** Ensure all speaker cables are securely connected to both the amplifier and the speakers, with correct polarity.
- **Amplifier Power:** Verify that your amplifier is powered on and the correct input source is selected.
- **Volume Level:** Confirm the amplifier's volume is not set to minimum or muted.
- **Source Device:** Check if your audio source (e.g., CD player, streamer) is functioning correctly and playing audio.

5.2 Distorted or Unbalanced Sound

- **Check Connections:** Loose or incorrect connections can cause distortion. Re-check all speaker cable connections for proper seating and polarity.
- **Amplifier Overload:** Reduce the volume. If distortion persists at lower volumes, your amplifier may be underpowered or overdriven.
- **Speaker Placement:** Adjust speaker placement relative to walls and listening position.
- **Source Quality:** Ensure the audio source material is of good quality. Low-quality or highly compressed audio can sound distorted.
- **Grille Interference:** Ensure the grilles are properly seated or try listening without them to see if they are causing any resonance.

6. SPECIFICATIONS

Feature	Specification
Model Name	Diamond 8.4
Speaker Type	Tower (Floor Standing)
Woofer Size	Dual 6.5 Inches (Kevlar)
Tweeter Size	1 Inch (Silk Dome)
Frequency Response	30 Hz to 20 kHz
Recommended Power Handling	20 to 150 Watts
Connectivity Technology	Wired
Audio Output Mode	Stereo
Product Dimensions (W x H x D)	21.3W x 89.9H x 29.5D Centimeters (8.38W x 35.4H x 11.6D Inches)
Item Weight	17 kg (37.4 Pounds)
Colour	Black Ash
Special Feature	Full-range audio reproduction (not a separate subwoofer unit)
Compatible Devices	Gaming Console, Home Theater, Laptop, Smartphone, Tablet (via amplifier)

7. WARRANTY INFORMATION

The Wharfedale Diamond 8.4 Floor Standing Loudspeaker comes with a**5-year warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use.

The warranty does not cover damage caused by misuse, accident, unauthorized modifications, improper installation, or normal wear and tear. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the official Wharfedale website or contact your authorized dealer.

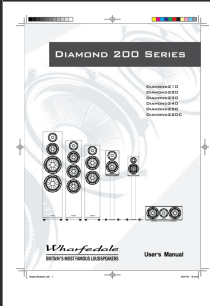
8. SUPPORT

If you require further assistance or have questions not covered in this manual, please contact your authorized Wharfedale dealer or visit the official Wharfedale website for support resources, FAQs, and contact information.

For the latest product information and updates, please visit:www.wharfedale.co.uk

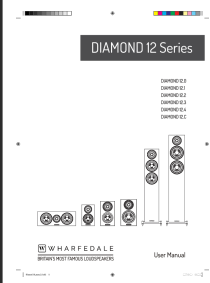


Related Documents - Diamond 8.4



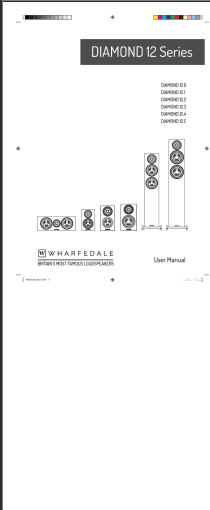
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User manual for the Wharfedale Diamond 200 Series loudspeakers, covering setup, connection, positioning, and specifications for models including Diamond 210, 220, 230, 240, 250, and 220C.



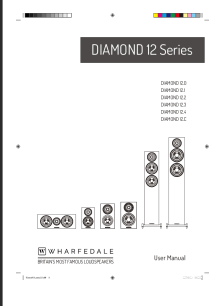
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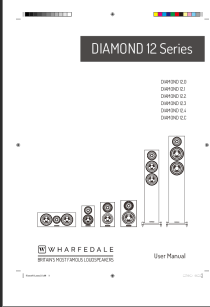
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Comprehensive user manual for the Wharfedale DIAMOND 12 Series loudspeakers, covering safety, setup, connections, positioning, care, and technical specifications for models 12.0, 12.1, 12.2, 12.3, 12.4, and 12.C.



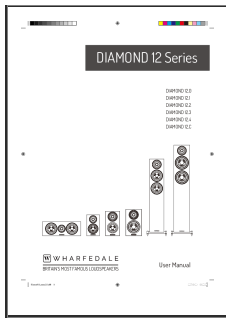
[Wharfedale DIAMOND 12 Series Loudspeaker User Manual](#)

Comprehensive user manual for the Wharfedale DIAMOND 12 Series loudspeakers, covering safety, setup, installation, connections, positioning, home theatre setup, troubleshooting, maintenance, and technical specifications.



[Wharfedale DIAMOND 12 Series Loudspeaker User Manual](#)

Comprehensive user manual for the Wharfedale DIAMOND 12 Series loudspeakers, covering setup, installation, safety, troubleshooting, and specifications for models 12.0, 12.1, 12.2, 12.3, 12.4, and 12.C.



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