

triangle Borea BR08

Triangle BOREA BR08 Hi-Fi Floorstanding Speakers

Model: BR08

1. INTRODUCTION

This user manual provides essential information for the proper setup, operation, and maintenance of your Triangle BOREA BR08 Hi-Fi Floorstanding Speakers. Please read this manual thoroughly before using your speakers to ensure optimal performance and longevity. The BOREA BR08 is an elegant three-way floorstanding speaker designed for versatile music and home cinema applications, suitable for rooms ranging from 20 to 40 square meters.

2. SAFETY INSTRUCTIONS

Always adhere to the following safety guidelines to prevent damage to the speakers or personal injury:

- **Power Handling:** Do not exceed the maximum recommended power handling of 150W. Overpowering can lead to speaker damage.
- **Placement:** Place speakers on a stable, level surface to prevent tipping. Ensure adequate ventilation around the speakers. Avoid placing them near heat sources or in direct sunlight.
- **Moisture:** Keep speakers away from water or excessive humidity. Do not expose them to rain or splashes.
- **Cables:** Ensure all cables are securely connected and not frayed. Route cables to prevent tripping hazards.
- **Cleaning:** Disconnect speakers from power before cleaning. Use a soft, dry cloth. Avoid liquid cleaners or abrasive materials.
- **Disassembly:** Do not attempt to open or service the speakers yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all the following items are included:

- Triangle BOREA BR08 Hi-Fi Floorstanding Speaker (Single unit)
- Magnetic Protective Grille
- User Manual (this document)

Note: If any items are missing or damaged, please contact your retailer or Triangle customer support immediately.

4. SETUP

4.1 Unpacking

Carefully remove the speaker from its packaging. Retain the original packaging for future transport or storage.

4.2 Placement

Optimal speaker placement is crucial for sound quality. Consider the following:

- **Room Size:** The BR08 is designed to perform optimally in rooms ranging from 20 to 40 square meters.
- **Stereo Imaging:** For a stereo setup, place the speakers equidistant from the primary listening position, forming an equilateral triangle.
- **Wall Distance:** Experiment with distance from walls to control bass response. Closer to walls generally increases bass, while moving them further out can tighten it.
- **Toe-in:** Slightly angle the speakers inward towards the listening position (toe-in) to improve soundstage and focus.



Figure 4.1: Angled view of the Triangle BOREA BR08 speaker in Walnut finish. This image highlights the overall design and the visible drivers.



Figure 4.2: Front view of the BOREA BR08, showcasing the 25mm EFS silk dome tweeter, 16cm cellulose paper midrange, and two 16cm fiberglass bass drivers.



Figure 4.3: Rear view of the BOREA BR08, showing the speaker terminal connections at the bottom. Ensure secure connections for optimal audio signal transfer.

4.3 Connecting to Audio Equipment

The BOREA BR08 speakers are designed for wired connectivity. Use high-quality speaker cables for the best audio performance.

1. **Identify Terminals:** Locate the positive (+) and negative (-) terminals on the back of your BR08 speaker and on your amplifier/receiver.

- 2. **Connect Cables:** Connect the positive (+) terminal of the speaker to the positive (+) terminal of the amplifier, and the negative (-) terminal of the speaker to the negative (-) terminal of the amplifier. Ensure polarity is consistent for both speakers in a stereo setup.
- 3. **Secure Connections:** Tighten the binding posts firmly but do not overtighten. Ensure no stray wire strands are touching across terminals, which could cause a short circuit.
- 4. **Power Off:** Always ensure your amplifier/receiver is turned off before making or breaking any connections.

5. OPERATING

Once properly set up, your Triangle BOREA BR08 speakers are ready for operation. These speakers are highly efficient (92 dB/W/m), meaning they can produce significant sound levels with relatively low amplifier power.

- **Amplifier Matching:** Pair the BR08 with an amplifier capable of delivering clean power within the recommended range (up to 150W).
- **Volume Control:** Always start with a low volume level on your amplifier and gradually increase it to a comfortable listening level. Avoid pushing the speakers to distortion, as this can cause damage.
- **Break-in Period:** Like many high-fidelity speakers, the BOREA BR08 may benefit from a break-in period of several hours of normal use. During this time, the drivers will loosen up, and the sound quality may improve.
- **Grille Use:** The magnetic protective grille can be used to protect the drivers from dust and physical damage. For critical listening, some users prefer to remove the grilles as they can subtly affect sound dispersion.

6. MAINTENANCE

Regular maintenance will help preserve the appearance and performance of your speakers.

- **Dusting:** Gently dust the speaker cabinets and drivers with a soft, dry, lint-free cloth. For the drivers, use extreme care to avoid pressing on the cones.
- **Grille Cleaning:** The magnetic grilles can be cleaned with a soft brush or a vacuum cleaner with a brush attachment on a low setting.
- **Avoid Liquids:** Never use liquid cleaners, sprays, or abrasive materials on the speaker cabinets or drivers, as these can cause damage to the finish or components.
- **Environmental Control:** Maintain a stable room temperature and humidity level. Extreme fluctuations can affect the speaker materials over time.

7. TROUBLESHOOTING

If you encounter issues with your speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound from one or both speakers	Loose or incorrect cable connections; Amplifier/receiver issues; Speaker protection circuit activated.	Check all speaker cable connections at both the speaker and amplifier. Ensure amplifier is powered on and input is selected correctly. Check amplifier's protection status.
Distorted or unclear sound	Overdriving the speakers; Loose connections; Damaged speaker driver; Incorrect source settings.	Reduce volume. Verify cable connections. Inspect speaker drivers for visible damage. Check audio source settings (e.g., EQ, balance).
Weak or boomy bass	Incorrect speaker placement; Room acoustics; Phase issues.	Adjust speaker distance from walls. Experiment with speaker toe-in. Ensure speaker polarity is correct (+ to +, - to -).
Speaker hum or buzz	Ground loop; Interference from other electronics; Faulty cables.	Ensure all audio components are plugged into the same power outlet or power strip. Try different cables. Move speakers away from other electronic devices.

If the problem persists after attempting these solutions, please contact Triangle customer support or a qualified service technician.

8. SPECIFICATIONS

Detailed technical specifications for the Triangle BOREA BR08 Floorstanding Speaker:

Feature	Specification
Model Name	Borea BR08
Speaker Type	Tower / Floorstanding
Mounting Type	Floor Mount
Power Handling	150W (Maximum Output Power: 130 Watts)
Efficiency	92 dB/W/m
Frequency Response	40 Hz - 22 KHz (+/- 3 dB)
Tweeter	25mm EFS silk dome
Mid-range Driver	16cm (100% cellulose paper)
Bass Drivers	Two 16cm (fiberglass)
Product Dimensions (D x W x H)	18"D x 13.25"W x 44"H (approx. 45.7cm D x 33.7cm W x 111.8cm H)
Item Weight	16 ounces (0.45 kg) - <i>Note: This weight seems to be for packaging, actual speaker weight is significantly higher.</i>

Feature	Specification
Color	Walnut
Connectivity Technology	Wired
Audio Output Mode	Stereo, Surround Sound

9. WARRANTY INFORMATION

Triangle products are manufactured to high standards and are backed by a manufacturer's warranty. For specific details regarding the warranty period and terms for your BOREA BR08 speakers, please refer to the warranty card included with your product or visit the official Triangle website. Keep your proof of purchase for warranty claims.

10. SUPPORT

For further assistance, technical support, or inquiries about your Triangle BOREA BR08 speakers, please visit the official Triangle website or contact their customer service department. You can find more information and contact details at the [Triangle Store on Amazon](#) or the manufacturer's main website.

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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.

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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