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ELAC DBR62

ELAC Debut Reference DBR62 Bookshelf Speakers User Manual

Model: DBR62

1. Introduction

Thank you for choosing ELAC Debut Reference DBR62 Bookshelf Speakers. These speakers are designed to deliver high-fidelity audio performance for your home audio system. Building on the acclaimed Debut Series, the Reference line incorporates significant acoustical and visual enhancements to provide an exceptional listening experience.

Key design features include a newly developed waveguide for enhanced high-frequency response, a full perimeter brace to reduce cabinet vibrations and coloration, and a cast chassis woofer for improved stiffness and minimized resonance. The dual flared slot vent design contributes to lower noise and higher bass output, resulting in improved bass dynamics.



Image 1.1: Front view of the ELAC Debut Reference DBR62 Bookshelf Speaker with grille, showcasing its walnut cabinet and black baffle.

2. What's in the Box

Your ELAC Debut Reference DBR62 Bookshelf Speakers package should contain the following items:

- Two (2) ELAC Debut Reference DBR62 Bookshelf Speakers
- Two (2) Magnetic Fabric Grilles

Please inspect the contents of the box carefully. If any items are missing or damaged, contact your authorized ELAC dealer or customer support immediately.

3. Setup

3.1 Speaker Placement

Proper speaker placement is crucial for optimal sound quality. Consider the following guidelines:

- **Distance from Walls:** Place speakers at least 1-2 feet (30-60 cm) from the rear wall and side walls to minimize bass reflections and improve imaging. Experiment with distances to find the best balance for your room.
- **Distance Between Speakers:** Position the speakers to form an equilateral triangle with your primary listening position. The distance between the speakers should be roughly equal to the distance from each speaker to your listening spot.
- **Height:** The tweeters should ideally be at ear level when you are seated in your primary listening position. Use speaker stands if necessary.
- **Toe-in:** Angle the speakers slightly inward towards the listening position. Small adjustments can significantly impact the soundstage and imaging.



Image 3.1: Angled view of the ELAC DBR62 speaker without its magnetic grille, highlighting the driver components.

3.2 Connecting to an Amplifier

The DBR62 speakers are passive and require an external amplifier or receiver. Ensure your amplifier is turned off before making any connections.

1. **Speaker Wire:** Use high-quality speaker wire of appropriate gauge for the length of your run.

2. **Polarity:** Connect the positive (+) terminal (red) on the speaker to the positive (+) terminal (red) on your amplifier. Similarly, connect the negative (-) terminal (black) on the speaker to the negative (-) terminal (black) on your amplifier. Maintaining correct polarity for both speakers is essential for proper sound reproduction.
3. **Secure Connections:** Ensure all connections are tight and secure to prevent signal loss or short circuits.





Image 3.2: Rear panel of the ELAC DBR62 speaker, showing the binding posts for amplifier connection and the product information label.

3.3 Attaching/Removing Grilles

The DBR62 speakers come with magnetic fabric grilles. These grilles protect the drivers and can be easily attached or removed. For critical listening, some users prefer to remove the grilles as they can subtly affect sound dispersion.

- **To Attach:** Align the grille with the front baffle of the speaker. The magnets will automatically pull the grille into place.
- **To Remove:** Gently pull the grille away from the speaker baffle, starting from one corner.





Image 3.3: Front view of the ELAC DBR62 speaker with its magnetic fabric grille attached, providing protection for the drivers.





Image 3.4: Front view of the ELAC DBR62 speaker with the magnetic fabric grille removed, revealing the woofer and tweeter.

4. Operating Instructions

Once your speakers are properly set up and connected to an amplifier, follow these general operating steps:

1. **Power On:** Turn on your amplifier or receiver.
2. **Select Source:** Choose the desired audio source (e.g., CD player, streaming device, turntable) on your amplifier.
3. **Adjust Volume:** Start with the volume at a low level and gradually increase it to your preferred listening level. Avoid excessively high volumes that can cause distortion or damage to the speakers or amplifier.
4. **Power Off:** When finished listening, turn off your amplifier or receiver.

5. Maintenance

To ensure the longevity and optimal performance of your ELAC Debut Reference DBR62 speakers, follow these maintenance guidelines:

- **Cleaning Cabinets:** Use a soft, dry cloth to wipe down the speaker cabinets. Avoid abrasive cleaners, solvents, or polishes, as these can damage the finish.
- **Cleaning Grilles:** The magnetic fabric grilles can be gently dusted with a soft brush or a lint roller. If necessary, they can be carefully vacuumed with a low-power setting.
- **Environmental Conditions:** Avoid placing speakers in direct sunlight, near heat sources, or in areas with high humidity. Extreme temperatures or moisture can damage the speaker components and cabinet finish.
- **Driver Protection:** When cleaning around the drivers, be extremely careful not to touch or press on the cones or tweeters, as this can cause permanent damage.

6. Troubleshooting

If you encounter issues with your speakers, refer to the following common troubleshooting steps:

- **No Sound:**
  - Ensure the amplifier is powered on and the correct input source is selected.
  - Check all speaker wire connections at both the amplifier and the speakers for proper polarity and secure contact.
  - Verify that the volume on your amplifier is not set to minimum or muted.
- **Distorted Sound:**
  - Reduce the volume level on your amplifier. Distortion often occurs when the amplifier is overdriven (clipping).
  - Check speaker wire connections for any loose strands that might be causing a short circuit.
  - Ensure your audio source is of good quality and not introducing distortion.
- **Uneven Sound or Poor Imaging:**
  - Re-check speaker placement to ensure they are equidistant from the listening position and properly toed-in.
  - Verify that both speakers are connected with correct polarity. Incorrect polarity can cause phase issues and poor imaging.
  - Consider room acoustics; reflective surfaces can negatively impact sound.
- **One Speaker Not Working:**
  - Swap the speaker wires at the amplifier. If the problem moves to the other speaker, the issue is likely with the amplifier channel or wiring. If the problem stays with the same speaker, the speaker itself may have an issue.
  - Inspect the speaker wire for any breaks or damage.

If these steps do not resolve the issue, please contact ELAC customer support or your authorized dealer.

7. Specifications

Detailed technical specifications for the ELAC Debut Reference DBR62 Bookshelf Speakers:

Feature	Specification
Brand	ELAC
Model Name	DBR62
Model Number	DBR62-BK
Speaker Type	Bookshelf
Enclosure Material	Walnut
Color	Walnut
Speaker Maximum Output Power	120 Watts
Frequency Response	44Hz - 35kHz
Impedance	6 Ohms
Connectivity Technology	Wired
Audio Output Mode	Stereo (2.0 Channels)
Mounting Type	Shelf Mount
Additional Features	2-Way Bass Reflex
Woofer Diameter	6.5 Inches
Tweeter Diameter	1 Inches
Water Resistance Level	Not Water Resistant
Specific Uses For Product	Home Audio, Music Listening
Unit Count	Pair (2 speakers)
Item Dimensions (D x W x H)	10.82"D x 8.18"W x 14.13"H
Item Weight	40.56 Pounds (per pair, approx.)
Built-In Media	Magnetic fabric grill
UPC	850008944109



Image 7.1: Dimensional drawing of the ELAC DBR62 speaker, indicating its height, width, and depth.

8. Warranty and Support

8.1 Warranty Information

ELAC provides a limited warranty for its products. The ELAC Debut Reference DBR62 Bookshelf Speakers come with a **3-Year Manufacturer Warranty on speakers** and a **1-Year Warranty on electronics** (if applicable). Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the official ELAC website or contact customer support.

8.2 Customer Support

For further assistance, technical support, or service inquiries, please visit the official ELAC website or contact their customer service department. You can find more information and support resources at the ELAC Store.

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