

KEF R3WG

KEF R3 Meta Bookshelf Speakers Instruction Manual

Model: R3WG

1. INTRODUCTION AND OVERVIEW

The KEF R3 Meta Bookshelf Speakers are engineered to deliver high-fidelity audio performance. This model incorporates advanced acoustic technologies to provide a clear and natural sound experience. The R3 Meta is a true three-way design, sharing core driver technology with the R11 Meta, the flagship model in the R Series. Key features include:

- **12th Generation Uni-Q Driver Array:** This coaxial driver design integrates the tweeter and midrange unit, ensuring a single point source for sound, which enhances stereo imaging and soundstage accuracy.
- **Metamaterial Absorption Technology (MAT™):** This innovative technology is designed to absorb 99% of unwanted sound from the rear of the tweeter, eliminating distortion and resulting in a purer, more natural high-frequency response.
- **6.5-inch Hybrid Aluminium Bass Driver:** A powerful bass driver provides deep, controlled, and articulate low-frequency reproduction.
- **Versatile Placement:** Designed for shelf mounting, these speakers are suitable for various room sizes and setups.

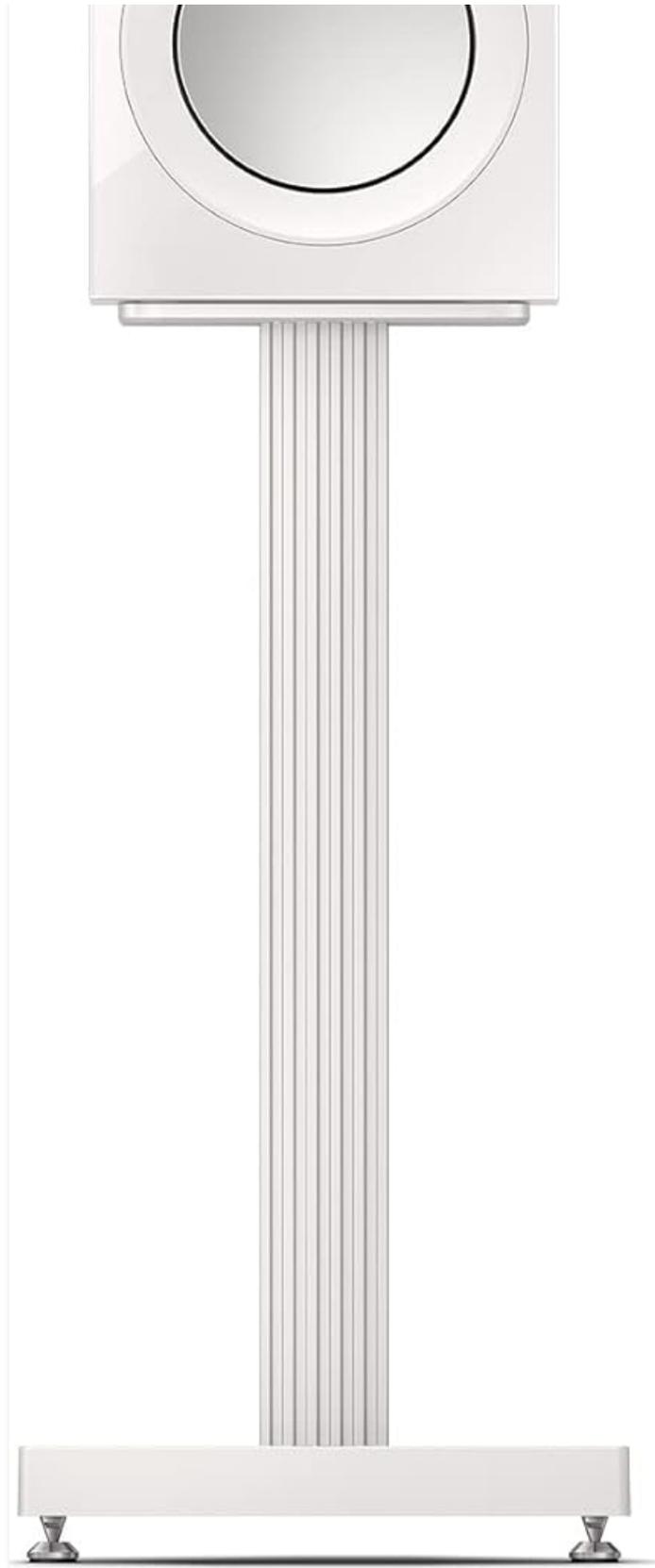


Front view of the KEF R3 Meta Bookshelf Speaker with its protective grille.



Front view of the KEF R3 Meta Bookshelf Speaker, showcasing the Uni-Q driver array and bass driver.





Side view of the KEF R3 Meta Bookshelf Speaker.

2. SETUP

Proper setup is crucial for optimal performance of your KEF R3 Meta speakers. Consider the following guidelines:

2.1 Placement

- **Mounting Type:** These are bookshelf speakers, designed for shelf mounting or placement on dedicated speaker stands. KEF S2 Speaker stands are sold separately and are recommended for optimal acoustic performance and stability.
- **Room Acoustics:** Place speakers symmetrically in your listening room. Experiment with distance from walls and corners to achieve the best bass response and soundstage.
- **Listening Position:** Position the speakers so that the Uni-Q driver array is roughly at ear level when seated in your primary listening position.
- **Dimensions:** Each speaker measures approximately 13.2 inches (D) x 16 inches (W) x 16.6 inches (H). Ensure adequate space for placement and ventilation.

2.2 Connections

Connect your KEF R3 Meta speakers to a suitable amplifier using high-quality speaker cables. Ensure correct polarity (positive to positive, negative to negative) for both speakers and the amplifier.

- **Impedance:** The speakers have an impedance of 4 Ohms. Ensure your amplifier is stable with a 4-Ohm load.
- **Power Handling:** The speakers can handle a maximum output power of 400 Watts. Match your amplifier's power output appropriately to avoid damage.
- **Power Source:** These are passive speakers and require an external amplifier for power.

3. OPERATING

The KEF R3 Meta speakers are designed for a wide range of home entertainment applications, providing stereo audio output.

3.1 Audio Playback

- **Audio Output Mode:** Stereo. For surround sound systems, additional speakers (e.g., center channel, surrounds, subwoofers) will be required.
- **Recommended Uses:** Ideal for music players, gaming consoles, DVD players, and enhancing television audio. They are suitable for home entertainment setups.

3.2 Connectivity

The KEF R3 Meta speakers support Bluetooth wireless communication for convenient streaming from compatible devices.

- **Wireless Technology:** Bluetooth.
- **Bluetooth Range:** Up to 10 meters (approximately 33 feet).
- **Control Method:** App control is available for managing settings and playback from your smart device.

4. MAINTENANCE

To ensure the longevity and optimal performance of your KEF R3 Meta speakers, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the speaker cabinets with a soft, dry, lint-free cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish.
- **Grilles:** The micro-perforated grilles are covered with Alcantara. Clean them carefully with a soft brush or a slightly damp cloth.

- **Dust Protection:** Keep the speakers free from dust accumulation, especially around the drivers.
- **Environmental Conditions:** Use the speakers indoors only. Avoid exposure to direct sunlight, extreme temperatures, high humidity, or moisture.
- **Driver Protection:** Avoid touching the speaker drivers directly, as this can cause damage.

5. TROUBLESHOOTING

If you encounter issues with your KEF R3 Meta speakers, consider the following common troubleshooting steps:

- **No Sound:**
 - Check all cable connections between the speakers and the amplifier. Ensure they are secure and correctly connected (positive to positive, negative to negative).
 - Verify the amplifier is powered on and the correct input source is selected.
 - Ensure the volume on your amplifier and source device is not muted or set too low.
- **Distorted Sound:**
 - Reduce the volume on your amplifier and source device. Overdriving the speakers can cause distortion.
 - Check speaker cable connections for any loose strands or short circuits.
 - Ensure your amplifier's power output is suitable for the speakers' impedance and power handling.
- **Uneven Sound or Poor Imaging:**
 - Verify speaker placement. Ensure both speakers are equidistant from the listening position and have similar distances from side and rear walls.
 - Check that both speakers are connected with correct polarity.
- **Bluetooth Connection Issues:**
 - Ensure the speakers are in Bluetooth pairing mode (refer to your amplifier's manual for details on connecting to passive Bluetooth speakers if applicable, or the KEF app).
 - Move the source device closer to the speakers to ensure it is within the 10-meter Bluetooth range.
 - Try unpairing and re-pairing the device.

If problems persist, consult the KEF support resources or contact customer service.

6. SPECIFICATIONS

Feature	Specification
Model Name	R3 Meta
Item Model Number	R3WG
Speaker Type	Bookshelf
Mounting Type	Shelf Mount

Color	White
Product Dimensions (D x W x H)	13.2" x 16" x 16.6" (33.5cm x 40.6cm x 42.2cm)
Item Weight	28.4 Kilograms (62.5 pounds) per speaker
Impedance	4 Ohms
Speaker Maximum Output Power	400 Watts
Frequency Response (± 3 dB)	58Hz - 28kHz
Audio Driver Type	Hybrid Driver (Uni-Q with MAT, Bass Driver)
Woofer Diameter	6.5 Inches
Tweeter Diameter	25.4 Millimeters (integrated into Uni-Q)
Connectivity Technology	Bluetooth
Bluetooth Range	10 Meters
Control Method	App
Indoor/Outdoor Usage	Indoor
UPC	637203049675

7. WHAT'S IN THE BOX

Upon unpacking your KEF R3 Meta speakers, you should find the following items:

- 1 Pair of KEF R3 Meta Speakers

Please inspect all contents for any damage or missing parts immediately after opening.

8. OFFICIAL PRODUCT VIDEO

For a visual overview of the KEF R Series Meta speakers and their innovative technologies, please watch the official product video below.

Official KEF R Series Meta product video, detailing design and technology. This video provides insights into the Metamaterial Absorption Technology (MAT) and Uni-Q driver array.

9. WARRANTY AND SUPPORT

Your KEF R3 Meta speakers are backed by a manufacturer's warranty to ensure your peace of mind.

- **Warranty Type:** 5-year manufacturer warranty.

For detailed warranty terms, product registration, technical support, or service inquiries, please visit the official KEF website or contact their customer support directly. Keep your proof of purchase for warranty claims.

