

KEF Q11 Meta

KEF Q11 Meta Floorstanding Speaker User Manual

Model: Q11 Meta

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your KEF Q11 Meta Floorstanding Speaker. The Q11 Meta is the largest and most powerful model in the Q Series, designed for immersive audio experiences in larger rooms and home theaters. It features a 12th generation Uni-Q® driver array with Metamaterial Absorption Technology (MAT™) and three 6.5-inch hybrid aluminum bass drivers, delivering refined detail, powerful bass, and uncompromising depth.





Figure 1: KEF Q11 Meta Floorstanding Speaker (Black)

The KEF Q11 Meta Floorstanding Speaker, shown here in its black finish, features a sleek, tall design with multiple drivers visible on the front. The top driver is the distinctive Uni-Q array, followed by three bass drivers below it. The speaker rests on a stable base with integrated feet.

PACKAGE CONTENTS

Before proceeding with setup, please ensure all components are present:

- KEF Q11 Meta Floorstanding Speaker (1 unit)
- Warranty Card

SETUP

1. Unpacking

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

2. Placement

Optimal speaker placement is crucial for sound quality. Position the Q11 Meta speakers equidistant from your primary listening position, forming an equilateral triangle. Keep them away from corners and walls to minimize bass resonance, typically at least 1-2 feet (30-60 cm) from the rear wall and side walls. Experiment with toe-in (angling the speakers towards the listening position) to achieve the best stereo imaging.



Figure 2: Example Speaker Placement in a Room

This image illustrates a KEF Q11 Meta speaker in a modern living room setting, demonstrating typical floorstanding speaker placement near a fireplace. Proper spacing from walls and furniture is important for acoustic performance.

3. Connections

The KEF Q11 Meta speakers connect to your amplifier using speaker wire. Ensure your amplifier is turned off before making any connections.

1. Identify the positive (+) and negative (-) terminals on both your amplifier and the Q11 Meta speaker. The speaker terminals are located on the rear panel.
2. Connect the positive (+) terminal of the amplifier to the positive (+) terminal of the speaker using one conductor of the speaker wire.
3. Connect the negative (-) terminal of the amplifier to the negative (-) terminal of the speaker using the other conductor of the speaker wire.
4. Ensure all connections are secure and there are no stray wire strands that could cause a short circuit.



Figure 3: Speaker Terminal Connections

This image shows the rear panel of the KEF Q11 Meta speaker, highlighting the gold-plated positive (red) and negative (black) binding posts for speaker wire connections. Proper polarity is essential for correct sound reproduction.

For bi-wiring or bi-amping configurations, consult your amplifier's manual and KEF's advanced setup guides available on their official website. The Q11 Meta supports these advanced connection methods.

OPERATING INSTRUCTIONS

1. Initial Power On

After connecting the speakers to your amplifier, turn on your amplifier and audio source. Start with the volume at its lowest setting and gradually increase it to a comfortable listening level.

2. Break-in Period

Like many high-fidelity speakers, the KEF Q11 Meta benefits from a break-in period. During the first 50-100 hours of use, the drivers will loosen and settle, leading to improved sound performance, particularly in bass response and overall clarity. Play a variety of music at moderate volumes during this period.

3. Sound Optimization

The Q11 Meta features KEF's advanced acoustic technologies for optimal sound. The **Uni-Q driver array** ensures sound emanates from a single point, providing a wide and coherent soundstage. The **Metamaterial Absorption Technology (MAT™)** absorbs 99% of unwanted sound from the rear of the tweeter, resulting in purer, more natural sound reproduction.



Figure 4: Metamaterial Absorption Technology (MAT)

This image displays the intricate maze-like structure of KEF's Metamaterial Absorption Technology (MAT), designed to absorb unwanted sound from the rear of the tweeter, thereby reducing distortion and enhancing sound clarity.

For best results, ensure your audio source provides high-quality signals. The Q11 Meta is designed to reveal the nuances of your recordings.

MAINTENANCE

To ensure the longevity and performance of your KEF Q11 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 polishes, as these can damage the finish.
- **Grilles:** The speaker grilles can be removed for cleaning or for a different aesthetic. Handle them carefully to avoid bending or damaging the fabric.
- **Environment:** Keep the speakers away from direct sunlight, excessive heat sources, and high humidity. Ensure adequate ventilation around the speakers.
- **Dust:** Regularly dust the drivers and cabinet to prevent accumulation, which can affect sound quality and appearance. Use a soft brush or a can of compressed air for hard-to-reach areas, being careful not to touch the driver cones.



Figure 5: KEF Q11 Meta Speaker Front View

This image shows the KEF Q11 Meta Floorstanding Speaker from the front, with its protective grille removed, revealing the Uni-Q driver and the three bass drivers. This view is useful for understanding the speaker's driver configuration and for cleaning purposes.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound	Amplifier not powered on. Incorrect speaker connections. Audio source not playing or improperly connected. Volume too low.	Ensure amplifier is on and selected input is correct. Check speaker wire connections at both amplifier and speaker terminals for correct polarity and secure fit. Verify audio source is active and connected correctly to the amplifier. Increase volume gradually.
Distorted Sound	Volume too high, causing clipping. Loose speaker connections. Damaged speaker wire. Poor audio source quality.	Reduce volume. Check and secure all speaker connections. Inspect speaker wire for damage; replace if necessary. Try a different audio source or higher quality recording.

Problem	Possible Cause	Solution
Weak Bass	Incorrect speaker placement.	Adjust speaker placement, moving them closer to walls if necessary, but avoid corners.
	Phase issue (incorrect polarity).	Double-check speaker wire polarity (+ to + and - to -) for both speakers.
	Insufficient break-in.	Allow more time for speaker break-in.

SPECIFICATIONS

Feature	Detail
Model Name	Q11 Meta
Speaker Type	Tower (Floorstanding)
Unit Count	1.0 Count (Each)
Color	Black (Other finishes available: Walnut, White)
Product Dimensions (D x W x H)	15" x 8.3" x 41.8" (38.1 cm x 21.1 cm x 106.2 cm)
Item Weight	28.9 Kilograms (63.6 pounds)
Impedance	4 Ohm
Speaker Size (Bass Drivers)	165 Millimeters (6.5 inches)
Connectivity Protocol	Wired Analog
Connectivity Technology	Speaker Wire
Audio Output Mode	Stereo
Mounting Type	Floor Standing
Maximum Output Power	225 Watts
UPC	637203219016
Manufacturer	KEF
Included Components	Warranty Card

WARRANTY INFORMATION

The KEF Q11 Meta Floorstanding Speaker comes with a Limited Warranty. Please refer to the included Warranty Card for specific terms, conditions, and duration of coverage. Retain your proof of purchase for warranty claims. For detailed warranty information and to register your product, please visit the official KEF website[KEF Warranty Information](#)

CUSTOMER SUPPORT

Should you require further assistance, technical support, or have questions regarding your KEF Q11 Meta speakers,

please contact KEF customer support through their official channels. You can find contact information and frequently asked questions on the KEF website:

[KEF Contact Us Page](#)

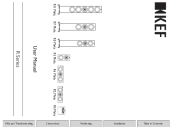
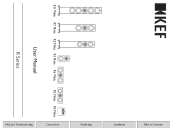
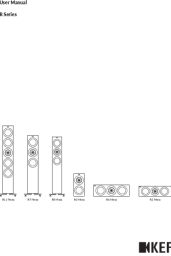

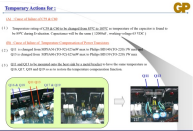
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Related Documents - Q11 Meta

	<p>KEF R Series Loudspeakers User Manual</p> <p>Comprehensive user manual for KEF R Series Hi-Fi Loudspeakers, covering introduction, unboxing, installation, positioning, connections, fine-tuning, care, maintenance, disposal, and troubleshooting for models R11 Meta, R7 Meta, R5 Meta, R3 Meta, R6 Meta, R2 Meta, and R8 Meta.</p>
	<p>KEF R Series Loudspeakers User Manual</p> <p>Comprehensive user manual for KEF R Series Hi-Fi loudspeakers, covering installation, positioning, connections, care, and troubleshooting for models like R3 Meta, R5 Meta, R7 Meta, R11 Meta, R2 Meta, R6 Meta, and R8 Meta.</p>
	<p>KEF R Series User Manual: Setup, Connections, and Specifications</p> <p>A comprehensive user manual for the KEF R Series speakers, including models R3 Meta, R5 Meta, R6 Meta, R7 Meta, R11 Meta, and R2 Meta. This guide covers important points, setup instructions, connection types, and detailed technical specifications.</p>
	<p>KEF R Series with MAT: Advanced Loudspeaker Technology</p> <p>Explore the innovative KEF R Series with Metamaterial Absorption Technology (MAT). This document details the advanced acoustic engineering, driver technology, and design principles behind KEF's R Series Meta loudspeakers, focusing on enhanced sound reproduction and immersive audio experiences.</p>
	<p>KEF PSW2000 Service Bulletin: Temporary Actions for Component Failures</p> <p>Technical guide detailing temporary actions and component upgrades for KEF PSW2000 subwoofer, addressing failures in capacitors, power transistors, and resistors. Includes part replacements and thermal management improvements.</p>

<div><div>User Manual</div><div><div><div>R8 Meta</div><div>Surround Loudspeakers</div><div>Supports Dolby Atmos Technology</div></div></div><div></div><div><div>Dolby Atmos</div><div>KEF</div></div></div>	<div>KEF R8 Meta Surround Loudspeakers User Manual and Specifications</div> <div>Official user manual for KEF R8 Meta Surround Loudspeakers. Learn about setup, positioning, connections, safety, and technical specifications. Supports Dolby Atmos technology for immersive audio.</div>
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