

KEF SP4074B0CA

KEF Kube 10 MIE Powered Subwoofer Instruction Manual

Model: SP4074B0CA

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your KEF Kube 10 MIE 10 Inch 300 Watt Powered Subwoofer. Please read this manual thoroughly before using the product to ensure proper function and longevity.

The Kube 10 MIE is designed to deliver remarkable bass extension and control, featuring a sealed cabinet, a 10-inch bass driver, and 300 Watts of power. It incorporates KEF's Music Integrity Engine® (MIE) for dynamically enhanced bass depth and dynamics.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present:

- 1 KEF Kube 10 MIE Subwoofer
- Power Cord
- User Manual (this document)



Front view of the KEF Kube 10 MIE Subwoofer, showcasing its compact black design.

SETUP AND INSTALLATION

1. Placement Considerations

The placement of your subwoofer significantly impacts its performance. The Kube 10 MIE offers three room position EQ options to optimize sound based on its location.

- **In-room:** For placement away from walls or corners.
- **Wall / Cabinet:** For placement near a wall or inside a cabinet.
- **Corner:** For placement in a room corner.



Detail of the room position EQ switch, allowing selection between In-room, Wall/Cabinet, and Corner settings.

Select the appropriate setting on the subwoofer's rear panel to match your chosen placement for optimal bass response.

2. Connections

The Kube 10 MIE provides versatile connection options to integrate with various audio systems.

- **KEF SmartConnect:** Automatically detects whether a mono (LFE) or stereo (Line Level) input is connected and adjusts the subwoofer's gain accordingly.
- **Speaker Level Inputs:** Allows connection directly from your amplifier's speaker outputs.
- **RCA Line Level Inputs (LFE/L/R):** Standard RCA inputs for connecting to an AV receiver or pre-amplifier.



Rear panel of the Kube 10 MIE, displaying the various input options including RCA and speaker level terminals.



Detailed view of the SmartConnect and Line Input (LFE, L, R) ports on the subwoofer's rear panel.

Ensure the subwoofer is powered off before making any connections. Connect the power cord to the subwoofer and then to a suitable wall outlet.

OPERATION

1. Power Management

The Kube 10 MIE features an auto wake-up function for convenient power management.

- **Always On:** The subwoofer remains powered on continuously.
- **Auto Wake Up:** The subwoofer will automatically power on when an audio signal is detected and enter standby mode after a period of inactivity.
- **12V Trigger:** For integration with home automation systems, allowing the subwoofer to be turned on/off via a 12V trigger signal.



Detail of the Auto Wake Up switch, offering "Always on", "Auto wake up", and "12V" options.

2. Adjusting Settings

The Kube 10 MIE includes controls for fine-tuning its performance to your listening environment and preferences.

- **Volume Control:** Adjusts the overall output level of the subwoofer.
- **Crossover Frequency:** Sets the upper frequency limit for the subwoofer, determining where it blends with your main speakers.
- **Phase Control:** Allows adjustment of the subwoofer's phase (0° or 180°) to ensure it integrates seamlessly with your main speakers.
- **iBX Intelligent Bass Extension:** KEF's proprietary DSP algorithms ensure that every component of the subwoofer works in perfect harmony, providing deeper and more precise bass at any listening level.



The KEF Kube 10 MIE Subwoofer integrated into a home audio setup, demonstrating its compact size and aesthetic.

MAINTENANCE

To ensure the longevity and optimal performance of your KEF Kube 10 MIE Subwoofer, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior surfaces. Avoid abrasive cleaners, solvents, or waxes.
- **Ventilation:** Ensure adequate airflow around the subwoofer. Do not block the ventilation ports.
- **Environment:** Keep the subwoofer away from direct sunlight, heat sources, excessive moisture, and dust.
- **Power Off:** Disconnect the power cord from the wall outlet if the subwoofer will not be used for an extended period.

TROUBLESHOOTING

If you encounter issues with your KEF Kube 10 MIE Subwoofer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound	Power cord not connected or outlet not active.	Check power connection and outlet.
	Subwoofer not powered on or in standby.	Ensure power switch is ON or Auto Wake Up is enabled.
	Input cables not properly connected.	Verify all audio cables are securely connected.
	Volume too low on subwoofer or source.	Increase volume on subwoofer and source device.
	Crossover frequency set too low.	Adjust crossover frequency to a suitable level.
Distorted Sound	Volume too high.	Reduce volume.
	Incorrect phase setting.	Adjust phase (0° or 180°) for best integration.
	Poor quality audio source.	Test with a different audio source.
Weak Bass	Incorrect room position EQ setting.	Adjust room position EQ switch to match placement.
	Subwoofer placement.	Experiment with different subwoofer placements.
	Crossover frequency too low.	Increase crossover frequency.

If the problem persists after trying these solutions, please contact KEF customer support or your authorized dealer for further assistance.

SPECIFICATIONS

Model Name	Kube10MIE
Speaker Type	Subwoofer
Speaker Maximum Output Power	300 Watts
Subwoofer Diameter	10 Inches
Product Dimensions (D x W x H)	14.6"D x 13.9"W x 14.6"H
Item Weight	33.9 pounds (15.4 Kilograms)
Color	Black

Connectivity Technology	RCA, Wired
Control Method	Touch
Manufacturer	KEF
Item Model Number	SP4074B0CA
UPC	637203050350

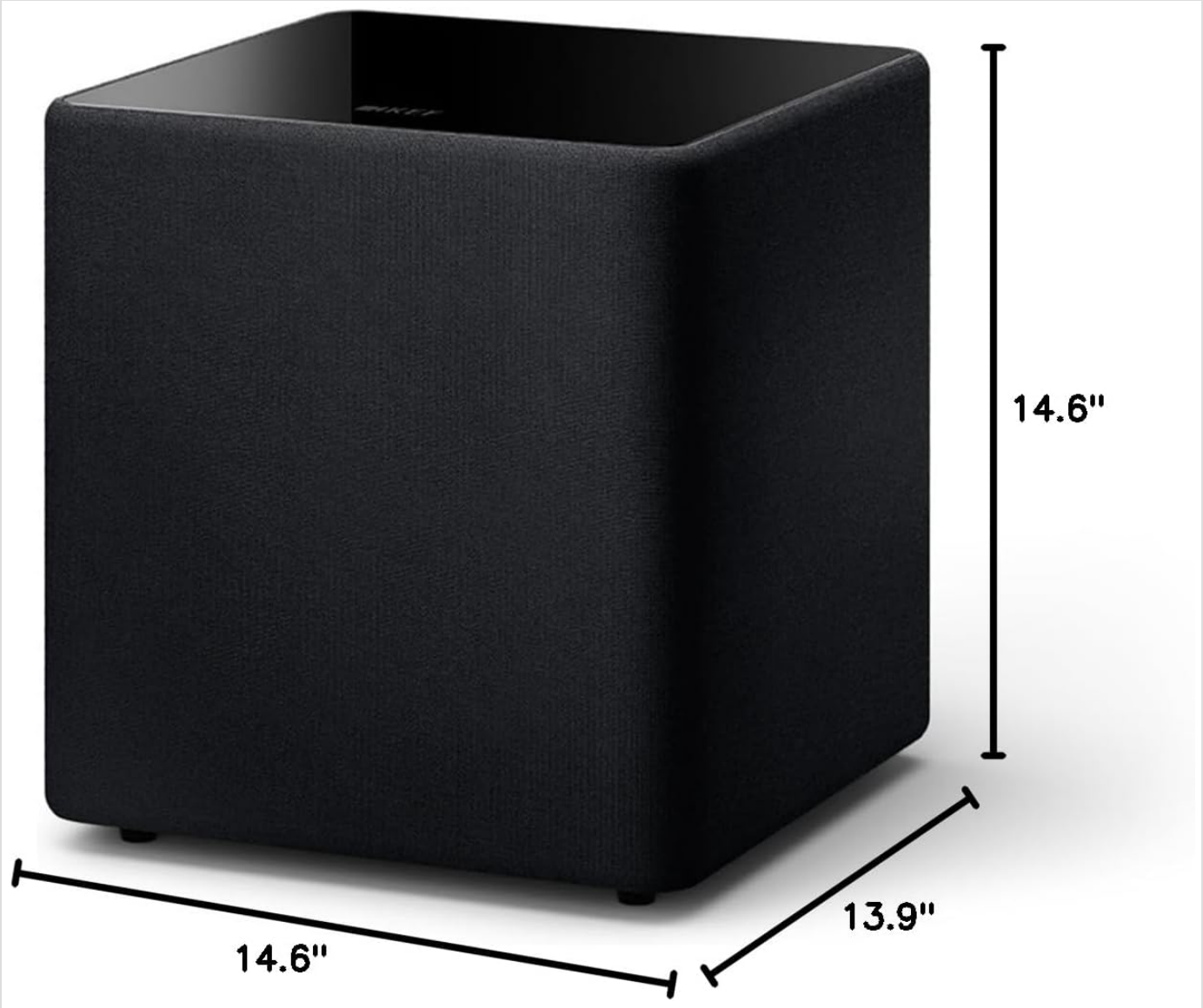


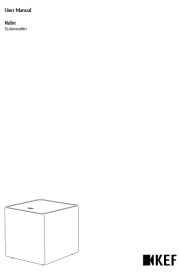



Diagram showing the dimensions of the KEF Kube 10 MIE Subwoofer: 14.6 inches deep, 13.9 inches wide, and 14.6 inches high.

WARRANTY AND SUPPORT

The KEF Kube 10 MIE Subwoofer comes with a**Limited Warranty**. For specific details regarding the warranty period and coverage, please refer to the warranty card included with your product or visit the official KEF website. For technical support, service, or further inquiries, please contact KEF customer support or your authorized KEF dealer. You can find more information and support resources by visiting the official KEF store online:

[Visit the KEF Store on Amazon](#)

Related Documents

 <p>User Manual Kube Powered Subwoofer</p>	<p>KEF Kube Powered Subwoofer User Manual</p> <p>Comprehensive user manual for the KEF Kube series of powered subwoofers, detailing setup, connections, controls, positioning, and specifications for models Kube 8 MIE, 10 MIE, 12 MIE, and 15 MIE.</p>
 <p>KEF</p> <p>User Manual KW2 RX Receiver</p>	<p>KEF KW2 RX Receiver User Manual</p> <p>User manual for the KEF KW2 RX Receiver, detailing setup, connections, and troubleshooting for compatible KEF subwoofers and non-KEF subwoofers.</p>
 <p>KEF</p> <p>User Manual KW2 RX Receiver</p>	<p>KEF KW2 RX Receiver User Manual: Setup, Pairing, and Troubleshooting</p> <p>Comprehensive user manual for the KEF KW2 RX Receiver, covering setup, connection to KEF and non-KEF subwoofers, pairing with XIO devices, and basic LED indication troubleshooting.</p>
 <p>KEF</p> <p>Quick Start Guide KW2 RX Receiver</p>	<p>KEF KW2 RX Receiver User Manual and Quick Start Guide</p> <p>Comprehensive guide for the KEF KW2 RX Receiver wireless adapter, detailing setup, connections to KEF and third-party subwoofers, pairing with XIO, LED status indicators, troubleshooting FAQs, technical specifications, safety guidelines, and warranty information.</p>