

KEF KW1TXRX

KEF KW1TXRX Wireless Subwoofer Adapter Kit User Manual

Model: KW1TXRX | Brand: KEF

1. INTRODUCTION

The KEF KW1TXRX Wireless Subwoofer Adapter Kit provides a high-quality, wireless audio connection for compatible KEF subwoofers. This kit allows for flexible placement of your subwoofer without the need for long, unsightly cables, ensuring optimal sound performance and room aesthetics. Operating in the 5GHz band, the KW1TXRX delivers audio up to 24bit/48kHz with minimal latency, preserving the detail and impact of your audio.

What's in the Box

- Wireless Transmitter
- Wireless Receiver
- USB Cable
- RCA Cable
- RCA Adaptor

Key Features

- Wireless subwoofer kit, compatible with KEF Kube8b, Kube10b, Kube12b, and KF92 Subwoofers.
- High-quality wireless transmission delivers every ounce of detail and impact from your favourite films and music.
- Operates in the high-bandwidth 5GHz band, delivering audio up to 24bit/48kHz.
- Features a range of up to 30m (line of sight) making optimal placement easy.
- Designed with latency of less than 17ms.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Keep this manual for future reference.

- Do not expose the device to rain, moisture, dripping, or splashing.
- Do not place objects filled with liquids, such as vases, on the device.
- Ensure proper ventilation; do not block any ventilation openings.
- Use only attachments/accessories specified by the manufacturer.

- Disconnect the device during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

3. SETUP AND INSTALLATION



Image: The KEF KW1TXRX Wireless Subwoofer Adapter Kit, showing both the transmitter (left) and receiver (right) units. Both are compact, black, and feature the KEF logo.



Image: Rear view of the KEF KW1TXRX transmitter unit. It features a 'PAIR' button, 'LINE IN' RCA inputs (white and red), and a 5V==1A USB power input.

Connecting the Transmitter

1. Connect the provided USB cable to the 5V==1A port on the transmitter unit. Connect the other end of the USB cable

to a suitable USB power source (e.g., a USB wall adapter, not included, or a USB port on your audio source device if available).

2. Using the supplied RCA cable and adaptor, connect the 'LINE IN' RCA inputs on the transmitter to the subwoofer output (LFE or Sub Out) of your audio source (e.g., AV receiver, pre-amplifier). Ensure correct polarity (red to red, white to white if applicable, or use the single LFE connection).
3. Place the transmitter in a location that allows for a clear line of sight to the receiver, ideally within 30 meters.

Connecting the Receiver



Image: The KEF KW1TXRX receiver unit is shown attached to the rear panel of a KEF KF92 subwoofer. The receiver plugs directly into a dedicated port on the subwoofer.



Image: A close-up view of the KEF KW1TXRX receiver unit plugged into the back of a KEF Kube series subwoofer. The receiver is designed to integrate seamlessly with compatible KEF subwoofers.

1. The receiver unit is designed to plug directly into compatible KEF subwoofers (Kube8b, Kube10b, Kube12b, KF92) via

- a dedicated port. Align the receiver with the port on your subwoofer and gently push it in until it is securely seated.
2. Ensure the subwoofer is powered on. The receiver draws power directly from the subwoofer.

Pairing the Units

The transmitter and receiver units are typically pre-paired from the factory. If they do not connect automatically, follow these steps to manually pair them:

1. Ensure both the transmitter and receiver units are powered on.
2. Press and hold the 'PAIR' button on the transmitter unit for a few seconds until its indicator light begins to flash.
3. Within 30 seconds, press and hold the 'PAIR' button on the receiver unit (located on the side or top, depending on the model) until its indicator light also begins to flash.
4. Once both lights stop flashing and remain solid, the units are successfully paired.

4. OPERATION

Once the KEF KW1TXRX units are set up and paired, they will automatically establish a wireless audio link when powered on. The system operates on the 5GHz frequency band to minimize interference and ensure stable, high-fidelity audio transmission.

- **Audio Quality:** The system supports audio transmission up to 24-bit/48kHz, ensuring that the subwoofer receives a high-resolution signal.
- **Latency:** With a latency of less than 17ms, the audio signal is transmitted with minimal delay, ensuring synchronization with your main speakers.
- **Range:** The effective operating range is up to 30 meters (line of sight). Obstacles such as walls or large furniture may reduce this range.

5. MAINTENANCE

To ensure the longevity and optimal performance of your KEF KW1TXRX Wireless Subwoofer Adapter Kit, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surfaces of the transmitter and receiver. Do not use liquid cleaners, aerosols, or abrasive chemicals, as these can damage the finish or internal components.
- **Placement:** Avoid placing the units in direct sunlight, near heat sources, or in areas with high humidity or extreme temperatures.
- **Storage:** If storing the units for an extended period, disconnect them from power and store them in a cool, dry place.
- **Handling:** Handle the units with care. Avoid dropping them or subjecting them to strong impacts.

6. TROUBLESHOOTING

If you encounter issues with your KEF KW1TXRX kit, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No sound from subwoofer	Units not powered on. Units not paired. Incorrect cable connection. Subwoofer input not selected or volume too low. Interference.	Ensure both transmitter and receiver are powered on and their indicator lights are solid. Perform manual pairing as described in Section 3. Verify all RCA and USB connections are secure and correctly plugged into the 'LINE IN' on the transmitter and the dedicated port on the subwoofer. Check your AV receiver/pre-amp settings for subwoofer output and ensure subwoofer volume is adequate. Try relocating the transmitter or receiver to minimize interference from other 5GHz devices.
Intermittent sound or signal dropouts	Out of range. Obstructions between units. Strong wireless interference.	Ensure units are within the 30m line-of-sight range. Remove any large physical obstructions (e.g., thick walls, metal objects) between the transmitter and receiver. Move the units away from other wireless devices (Wi-Fi routers, cordless phones) operating on the 5GHz band.
Difficulty pairing	Incorrect pairing procedure. Units too far apart during pairing.	Follow the manual pairing steps precisely (Section 3). Bring the transmitter and receiver closer together during the pairing process.
Included cables do not fit my setup	Specific LFE input requirements. Power adapter not included.	The kit includes a female/two male RCA cable. If your AV receiver/pre-amp has a female LFE output, you may need a male/male RCA splitter (not included). A USB power adapter for the transmitter is not included and must be supplied by the user.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	5 x 2 x 5 inches (approximate for kit)
Item Weight	11.3 ounces
Manufacturer	KEF
Model Number	KW1TXRX
Compatible Devices	KEF Kube8b, Kube10b, Kube12b, KF92 Subwoofers
Wireless Frequency	5GHz band
Audio Resolution	Up to 24bit/48kHz

Feature	Detail
Latency	<17ms
Range	Up to 30m (line of sight)
Color	BLACK
UPC	637203046650

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official KEF website or contact KEF customer service directly. Keep your proof of purchase for any warranty claims.

Online Resources: Visit us.kef.com for product registration, FAQs, and additional support materials.

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