

## KEF KW1RX

# KEF KW1 Wireless Subwoofer Receiver (KW1RX) Instruction Manual

Model: KW1RX

## INTRODUCTION

The KEF KW1 Wireless Subwoofer Receiver (KW1RX) is designed to provide high-quality, wireless audio transmission to a KEF subwoofer. This receiver allows for flexible placement of your subwoofer without the need for long audio cables, ensuring a clean setup and optimal bass performance. It operates by receiving signals from a KEF KW1 Wireless Subwoofer Transmitter (sold separately), delivering pristine 24-bit/48kHz high-resolution audio.



Image: Front view of the KEF KW1RX Wireless Subwoofer Receiver, a compact black rectangular device with the KEF logo.

## IMPORTANT SAFETY INSTRUCTIONS

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- Read these instructions carefully before operating the device.
- Keep these instructions for future reference.
- Heed all warnings on the product and in the operating instructions.
- Follow all instructions for use and maintenance.
- Do not use this apparatus near water or in excessively humid environments.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

## WHAT'S IN THE BOX

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- KEF KW1RX Wireless Subwoofer Receiver

Please ensure all components are present and undamaged upon unboxing.

## SETUP GUIDE

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### Connecting the KW1RX Receiver

The KW1RX receiver is designed to connect directly to compatible KEF subwoofers. Follow these steps for proper connection:

1. Locate the dedicated KW1 port on your KEF subwoofer. This port is typically found on the rear panel of the subwoofer.
2. Align the KW1RX receiver with the KW1 port on the subwoofer. Ensure the connectors on the receiver match the port.
3. Gently push the KW1RX receiver into the KW1 port until it is securely seated. It should fit snugly and make a firm connection.

4. Once connected, the KW1RX receiver will draw power directly from the subwoofer. No separate power adapter is needed for the receiver.

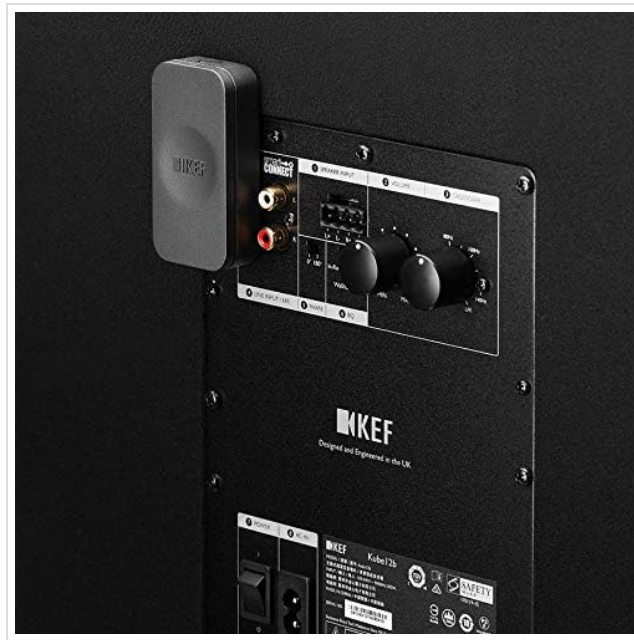


Image: Close-up view showing the KEF KW1RX receiver plugged into the dedicated port on a subwoofer's control panel, next to RCA inputs.



Image: Rear view of a KEF subwoofer with the KW1RX receiver attached, illustrating its integration with the subwoofer's back panel.

### Pairing with the KW1 Transmitter (Sold Separately)

For the KW1RX receiver to function, it must be paired with a KEF KW1 Wireless Subwoofer Transmitter. The transmitter connects to your audio source (e.g., AV receiver, pre-amplifier). Follow these steps to establish a wireless connection:

1. Ensure both the KW1RX receiver (connected to your subwoofer) and the KW1 transmitter (connected to your audio source) are powered on.
2. On the KW1RX receiver, locate the 'PAIR' button. This is typically a small, recessed button on the top or side of the unit.
3. Press and hold the 'PAIR' button on the KW1RX receiver for approximately 3 seconds until the status

indicator light begins to flash rapidly. This indicates it is in pairing mode.

4. Within 30 seconds, press and hold the 'PAIR' button on the KW1 transmitter (refer to the transmitter's manual for its exact location) until its status indicator light also flashes rapidly.
5. Both units will search for each other. Once a connection is established, the status indicator lights on both the receiver and transmitter will turn solid, indicating a successful pairing.
6. If pairing fails, ensure both units are within range (up to 15 meters line of sight) and repeat the pairing process.



Image: Top view of the KEF KW1RX receiver, highlighting the 'PAIR' button for wireless connection setup.

## OPERATION

Once the KW1RX receiver is successfully paired with the KW1 transmitter, it will automatically receive audio signals from your source device. The receiver operates on 5.2 GHz and 5.8 GHz selectable digital wireless links to ensure stable and near-lossless audio transmission.

- **Status Indicator Light:** Observe the LED indicator on the KW1RX. A solid light indicates a stable connection. A flashing light typically indicates pairing mode or a lost connection.
- **Automatic Connection:** After initial pairing, the KW1RX and KW1 transmitter should automatically reconnect when both are powered on and within range.
- **Adding a Second Subwoofer:** The KW1 system allows for a single transmitter to deliver audio to two KW1RX receivers, enabling the use of two subwoofers for enhanced bass performance and room coverage. Simply connect a second KW1RX to another compatible KEF subwoofer and pair it using the same method.

## CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your KEF KW1RX Wireless Subwoofer Receiver, follow these simple care guidelines:

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the receiver. Do not use liquid cleaners, aerosols, or abrasive chemicals, as these can damage the finish or internal components.
- **Placement:** Ensure the receiver is not exposed to extreme temperatures, direct sunlight, or high humidity. While connected to the subwoofer, ensure adequate ventilation around the subwoofer's rear panel.
- **Handling:** Handle the receiver with care. Avoid dropping it or subjecting it to strong impacts.
- **Storage:** If storing the receiver for an extended period, disconnect it from the subwoofer and store it in a cool, dry place, preferably in its original packaging.

## TROUBLESHOOTING

If you encounter issues with your KW1RX receiver, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from subwoofer	Receiver not powered on or not connected properly. Not paired with transmitter. Transmitter not sending signal.	Ensure KW1RX is securely connected to the subwoofer. Verify the subwoofer is powered on. Perform the pairing process again (see Setup Guide). Check the KW1 transmitter's connection to your audio source and its power status.
Intermittent sound or signal dropouts	Interference from other wireless devices. Receiver and transmitter too far apart. Obstructions between units.	Move the KW1RX and KW1 transmitter away from other wireless devices (e.g., Wi-Fi routers, cordless phones). Reduce the distance between the receiver and transmitter. Ensure there are no large metal objects or thick walls directly between the units.
Pairing fails	Incorrect pairing procedure. Units out of range. Temporary glitch.	Ensure you are following the pairing steps precisely, pressing buttons at the correct times. Bring the receiver and transmitter closer together during pairing. Power cycle both the subwoofer (with receiver attached) and the transmitter, then attempt pairing again.

Problem	Possible Cause	Solution
Status light flashing rapidly	In pairing mode or searching for connection.	If you intend to pair, proceed with the transmitter pairing. If not, ensure the transmitter is powered on and within range; the light should turn solid when connected.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	KW1RX
Connectivity Technology	Wireless
Wireless Frequency	5.2 GHz & 5.8 GHz selectable digital wireless link
Audio Resolution	24-bit / 48 kHz
Latency	<17ms
Operational Distance	Up to 15 meters (30m / 100 ft line of sight)
Compatible Devices	KEF Subwoofers with KW1 port
Included Components	KEF KW1RX Wireless Subwoofer Receiver
Color	Black
Item Weight	4.6 ounces
Package Dimensions	4.96 x 3.27 x 1.57 inches

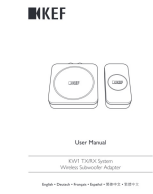



## WARRANTY AND CUSTOMER SUPPORT

KEF products are manufactured to the highest quality standards. For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your original product purchase or visit the official KEF website.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact KEF customer support through their official website or authorized service centers. When contacting support, please have your product model number (KW1RX) and purchase information ready.

Official KEF Website: <https://us.kef.com/>

Related Documents

	<p><a href="#">KEF KW1 TX/RX System Wireless Subwoofer Adapter User Manual</a></p> <p>User manual for the KEF KW1 TX/RX System Wireless Subwoofer Adapter, detailing its features, contents, controls, connections, and setup instructions.</p>
	<p><a href="#">KEF KW2 RX Receiver User Manual and Quick Start Guide</a></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>
	<p><a href="#">KEF KW2 RX Receiver User Manual</a></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><a href="#">KEF KW2 RX Receiver User Manual: Setup, Pairing, and Troubleshooting</a></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>