**KENRONE KR-KB150A**

# KENRONE Smart Key Lock Box Instruction Manual

Model: KR-KB150A

## Introduction

The KENRONE Smart Key Lock Box offers a secure and convenient solution for key storage and access. Designed for both indoor and outdoor use, it provides multiple unlocking methods including fingerprint, password, physical key, and remote access via the Tuya APP. This manual will guide you through the setup, operation, and maintenance of your new smart key box.

## Product Overview

### Components

- Smart Key Lock Box Unit
- 2 x Emergency Mechanical Keys
- 1 x Emergency Powering Cable
- 2 x Waterproof Nails
- 1 x Waterproof Adhesive Backing
- 2 x Rain Covers
- 2 x Locking Hook Waterproof Adhesive
- 4 x Expansion Rubber Covers
- 1 x Door Impact Silicone
- 4 x Screws
- 1 x Punching Control Cardboard

### Key Features

- **Multiple Unlocking Methods:** Tuya APP, password, fingerprint, and physical key.
- **Durable Construction:** Made of zinc alloy with IP66 waterproof rating, suitable for -20°C to +60°C temperatures.
- **Versatile Installation:** Supports both hanging and wall-mounted options.
- **Smart APP Control:** View access records, set automatic lock closure, and manage users via the Tuya APP.
- **Built-in Doorbell:** Integrated doorbell for added convenience.

- **Long Standby Time:** More than 1 year on a single charge.
- **Bluetooth Unlocking Range:** 6M-8M.




Figure 1: KENRONE Smart Key Lock Box and its accessories.




Figure 2: The four primary methods for unlocking the key box.

## Setup

The KENRONE Smart Key Lock Box can be installed either by hanging or wall-mounting. For wall-mounting, follow these steps:

1. **Prepare the Unit:** Insert the waterproof nails into the designated holes on the top of the key box to ensure water tightness.
2. **Attach Adhesive:** Apply the double-sided tape to the back of the mounting plate.
3. **Position Template:** Use the provided template to mark the drill points on your desired mounting surface. Ensure the surface is clean and dry.
4. **Drill Holes:** Drill four holes at the marked positions. If mounting into wood, screws can be directly used. For other materials, use the expansion rubber covers and screws.
5. **Mount the Plate:** Secure the mounting plate to the wall using the screws.
6. **Attach Key Box:** Align the key box with the mounted plate and secure it.

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Video 1: Detailed instructions on how to mount the KENRONE Smart Key Lock Box on a wall or board, including preparing the unit and securing the mounting plate.




Figure 3: Illustration of wall-mounted and door-hanging installation methods.

## Operating Instructions

### Unlocking Methods

The KENRONE Smart Key Lock Box offers four convenient ways to unlock:

- **Tuya APP:** Connect the key box to the Tuya APP via Bluetooth or Wi-Fi (requires a separate gateway for remote Wi-Fi unlocking). You can unlock remotely and view access records.
- **Password:** Enter your programmed password on the keypad.
- **Fingerprint:** Use a registered fingerprint for quick and accurate unlocking.
- **Key:** Use the physical emergency key for manual unlocking.

## Tuya APP Setup and Management

1. Download the Tuya APP from your phone's app store.
2. Open the APP and follow the instructions to connect to your key box.
3. Register administrator fingerprints.
4. Add member fingerprints and passwords (up to 100 each).
5. Set up automatic lock closure for enhanced security.
6. Monitor usage details and access records in real-time through the APP.




Figure 4: Remote unlocking via the Tuya APP, illustrating a common use case.




Figure 5: Remote unlocking requires pairing with a gateway (sold separately).

## Maintenance

To ensure the longevity and optimal performance of your KENRONE Smart Key Lock Box, follow these maintenance guidelines:

- **Cleaning:** Wipe the exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Battery Replacement:** While the device has a long standby time, replace batteries when the low battery indicator appears on the unit or in the app. Use recommended battery types.
- **Waterproof Integrity:** Periodically check the waterproof nails and seals to ensure they are intact, especially if the unit is exposed to harsh weather conditions.
- **Firmware Updates:** Check the Tuya APP regularly for any available firmware updates for the key box to ensure the latest features and security enhancements.

## Troubleshooting

- **Fingerprint Not Recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint in the Tuya APP. Ensure the fingerprint sensor is clean.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on your smartphone and the key box is within range (6-8 meters). Restart the app and the key box if necessary.
- **Remote Unlocking Not Working:** Verify that your gateway is properly connected to Wi-Fi and paired with the key box. Ensure a stable internet connection.
- **Alarm Goes Off Randomly:** Check for any physical obstructions or tampering. Ensure the unit is securely mounted and not subject to excessive vibrations. If the issue persists, contact customer support.
- **Keypad Unresponsive:** Check battery levels. If batteries are low, use the emergency powering cable to temporarily power the unit.

For further assistance, please refer to the contact information in the Warranty & Support section.

## Specifications

| Feature | Specification |
|---|---|
| Brand | KENRONE |
| Model Name | smart lock box for house key |
| Model Number | KR-KB150A |
| Lock Type | Biometric |
| Material | Zinc |
| Item Dimensions (L x W x H) | 5.63 x 3.07 x 1.89 inches |
| Item Weight | 3.7 Pounds |
| Special Features | Portable, Fingerprint, Passcode Unlock, Weather Resistant |
| Waterproof Rating | IP66 |
| Operating Temperature | -20°C to +60°C |
| Connectivity Protocol | Bluetooth |
| Control Method | App, Touch |
| Power Source | Batteries (Not Included) |

## Warranty & Support

**Warranty:** The KENRONE Smart Key Lock Box comes with a manufacturer warranty for 90 days from the date of purchase. Please retain your proof of purchase for warranty claims.
**Protection Plans:** Extended protection plans may be available for purchase. Please check with your retailer for details on 3-Year, 4-Year, or Complete Protect plans.
**Customer Support:** For any questions, technical assistance, or warranty inquiries, please contact KENRONE customer service via the seller email provided at the point of purchase. Our team is committed to providing sincere service and support.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question