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## HEI LIANG K04

# HEI LIANG Smart Fingerprint Door Lock User Manual

Model: K04 | Brand: HEI LIANG

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your HEI LIANG Smart Fingerprint Door Lock. Please read this manual thoroughly before installation and use to ensure proper function and safety.

### Product Overview

The HEI LIANG Smart Fingerprint Door Lock offers advanced security and convenience with multiple unlocking methods including fingerprint, mobile app control, and traditional emergency keys. Designed for ease of use and installation, it is suitable for various indoor doors such as bedrooms, cloakrooms, apartments, offices, and hotels.

## 2. SAFETY INFORMATION

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Always adhere to the following safety guidelines to prevent injury or damage to the product.

- Do not expose the lock to extreme temperatures or direct water.
- Use only specified battery types (4 AAA batteries). Do not mix old and new batteries.
- Keep emergency keys in a safe place outside the locked area.
- Do not attempt to disassemble or repair the lock yourself. Contact customer support for assistance.
- Ensure proper installation to prevent accidental lockout or security breaches.

## 3. PACKAGE CONTENTS

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Verify that all components are present before beginning installation.

- Smart Fingerprint Door Knob (Interior and Exterior parts)
- Latch Bolt
- Strike Plate
- Mounting Screws
- Emergency Keys (2)

- Installation Template
- User Manual (this document)



Image: Overview of the HEI LIANG Smart Fingerprint Door Lock components, showing both the interior and exterior door knobs, along with the two included emergency keys.

## 4. INSTALLATION GUIDE

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This section provides step-by-step instructions for installing your smart door lock. A screwdriver is required. The lock is suitable for wooden doors, fire doors, and security doors between 30-55mm thickness.

### 4.1 Door Preparation and Measurement

Ensure your door meets the required dimensions for installation. The lock fits most US standard doors.

# Easy installation

Suitable for most standard doors



Right-Handed Door



Left-Handed Door



2.95"(75mm)



Image: Detailed diagram illustrating the necessary door measurements for installation, including the backset (2-3/8" or 2-3/4") and bore hole diameter (1" for latch, 2.95" for knob).

## 4.2 Installing the Latch Bolt

1. Insert the latch bolt into the door edge, ensuring the "UP" arrow is facing upwards.
2. Secure it with the provided screws.

## 4.3 Installing the Exterior Knob

1. Feed the cable and spindle through the latch bolt.
2. Align the exterior knob with the door hole.

## 4.4 Installing the Interior Knob

1. Connect the cable from the exterior knob to the interior knob's port.
2. Align the interior knob and secure it with mounting screws.

3. Insert 4 AAA batteries (not included) into the battery compartment.



Image: Visual guide demonstrating the installation process of the smart door lock, showing the exterior and interior components being fitted onto a wooden door.

## 4.5 Testing the Installation

After installation, test the lock's mechanical function by turning the knob and ensuring the latch retracts smoothly. Then, proceed to initial setup and programming.

## 5. OPERATING INSTRUCTIONS

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Your HEI LIANG Smart Fingerprint Door Lock offers multiple convenient ways to unlock your door.

### 5.1 Fingerprint Unlocking

The biometric fingerprint reader allows for quick and secure access. The lock supports up to 20 sets of fingerprints.

1. Place your registered finger on the fingerprint sensor.
2. The lock will unlock in approximately 0.3 seconds if the fingerprint is recognized.



Image: A user's hand demonstrating the fingerprint unlocking method by placing a finger on the illuminated sensor of the smart door knob.



Image: An exploded view diagram highlighting the advanced features of the biometric fingerprint reader, including 360-degree recognition, 0.3-second recognition speed, and support for 20 fingerprint sets.

## 5.2 App Control Unlocking

Manage your lock and unlock the door remotely using the dedicated mobile application. The app allows for fingerprint management, viewing unlock records, setting automatic locks, and managing access codes.

1. Download the "HEI LIANG Smart Lock" app from your device's app store.
2. Follow the in-app instructions to pair your lock.
3. From the app interface, tap the unlock icon to open the door.

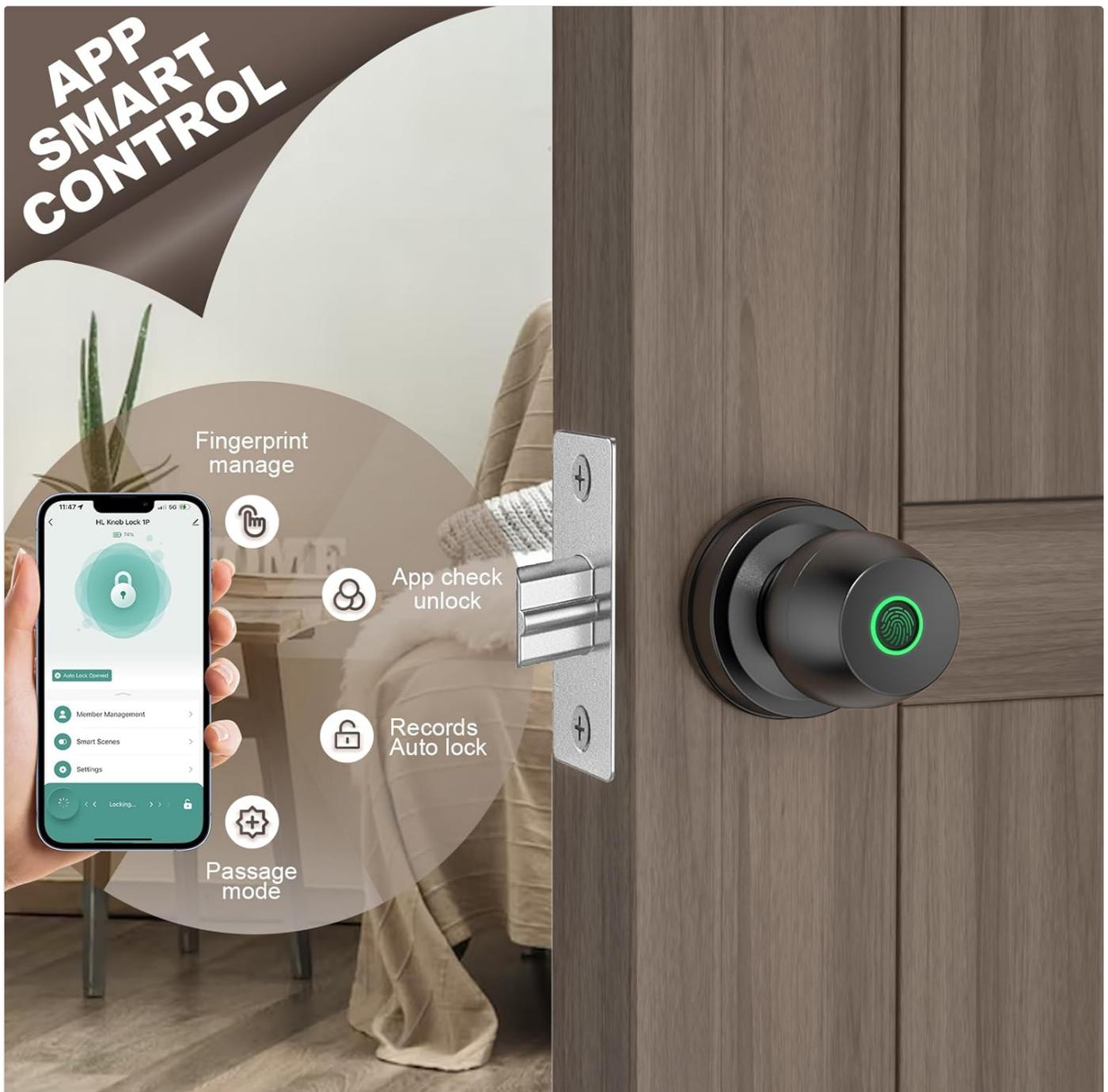


Image: A smartphone displaying the smart lock application interface, showcasing features like fingerprint management, app check unlock, records, auto lock, and passage mode.

### App Features:

- **Fingerprint Management:** Add, delete, or modify registered fingerprints.
- **Unlock Records:** View a history of all unlock events.
- **Automatic Lock:** Configure the lock to automatically lock after a set period.
- **Passage Mode:** Keep the door unlocked for continuous access during specific times.
- **Access Codes:** Generate up to 20 access codes for family, roommates, agents, or one-time use.



# UPGRADED BIOMETRIC FINGERPRINT READER



Image: An illustration demonstrating the capability to generate up to 20 access codes for various users, including family, roommates, agents, relatives, and repairmen, along with one-time codes.

## 5.3 Emergency Key Unlocking

In case of battery depletion or system malfunction, the traditional key can be used to unlock the door.

1. Insert the emergency key into the keyhole located on the exterior knob.
2. Turn the key to unlock the door.

## 6. MAINTENANCE

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### 6.1 Battery Replacement

The lock requires 4 AAA batteries. When the battery level is low, the lock will provide an audible or visual warning. Replace all batteries promptly.

1. Locate the battery compartment on the interior knob.
2. Open the cover and remove the old batteries.
3. Insert 4 new AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover.

**Note:** If the battery is completely depleted, you can use a USB power bank to provide emergency power via the USB interface on the exterior knob. This is for temporary power only; it does not charge the internal batteries. Replace batteries as soon as possible.

## 6.2 Cleaning

Clean the lock with a soft, dry cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electronic components.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lock does not respond.	Batteries are dead or incorrectly installed.	Replace batteries. Ensure correct polarity. Use emergency USB power if needed.
Fingerprint not recognized.	Finger is dirty/wet, sensor is dirty, or fingerprint not properly registered.	Clean finger and sensor. Re-register fingerprint if necessary. Try another registered finger.
App cannot connect to lock.	Bluetooth is off, lock is out of range, or app pairing issue.	Ensure Bluetooth is on. Move closer to the lock. Repair the lock with the app.
Lock is loose after installation.	Screws are not tightened sufficiently.	Tighten all mounting screws securely.

## 8. SPECIFICATIONS

Feature	Detail
Model	K04
Brand	HEI LIANG
Material	Metal
Color	Black
Product Dimensions	9.29"L x 2.99"W
Item Weight	1.79 pounds
Lock Type	Fingerprint
Unlocking Methods	Fingerprint, App Control, Emergency Key
Fingerprint Capacity	Up to 20 sets
Recognition Speed	0.3 seconds

Feature	Detail
Power Supply	4 x AAA Batteries (not included)
Emergency Power	USB Interface
Door Thickness Compatibility	30-55mm

## 9. WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the product packaging or contact HEI LIANG customer service directly. Detailed installation steps and videos are available from the manufacturer.

If you have any questions or require assistance, please feel free to consult us!