

HARFO K1

HARFO K1 Fingerprint Door Lock Instruction Manual

Model: K1 | Brand: HARFO

1. INTRODUCTION

The HARFO K1 Fingerprint Door Lock offers advanced security and convenience for your home or office. This smart lock provides multiple entry methods including fingerprint, password, IC cards, and traditional mechanical keys. Designed for ease of use and robust protection, the K1 ensures your property remains secure while offering flexible access solutions. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to help you get the most out of your HARFO K1 lock.

2. PRODUCT OVERVIEW AND COMPONENTS

The HARFO K1 lock system includes all necessary components for a complete installation and operation. Familiarize yourself with the parts before beginning the installation process.



Image: Front and back view of the HARFO K1 Fingerprint Door Lock.

Included Components:

- Door lock assembly (interior and exterior units)
- Door latch
- Drill bit
- Door cover plate
- Instruction manual
- IC Cards (3 included)
- Mechanical Keys

Key Features:

- **Multiple Unlock Methods:** Fingerprint, Password, IC Cards, Mechanical Key.
- **Automatic Locking:** Built-in sensor detects when the door is closed and locks automatically.
- **Private Mode:** Enhanced security feature that restricts access to only admin users from the outside when enabled from the inside.
- **New 3D Fingerprint Sensor:** Recognizes fingerprints in 0.3 seconds, unlocking the door in 1 second.
- **Anti-peep Touchscreen:** Allows adding random digits before or after the true password to prevent unauthorized viewing.
- **Emergency Power Supply:** Micro USB port for temporary power in case of battery depletion.
- **Long Battery Life:** Up to 1 year of battery life with 4x 1.5V AA dry batteries.
- **High User Capacity:** Supports up to 300 users.
- **Unlock Records:** Stores up to 2000 unlock records for review.



Image: Overview of HARFO K1 features including English voice guide, intuitive OLED display, anti-peep touchscreen, advanced fingerprint identification, hidden backup key hole, micro USB emergency supply, privacy lock, and capacity for up to 300 users.

3. SETUP AND INSTALLATION

The HARFO K1 lock is designed to replace most standard deadbolt locks. Ensure your door meets the required

specifications for proper installation.

Door Compatibility:

- **Door Thickness Range:** 1 3/8 inch to 2 3/16 inch (35mm-55mm).
- Suitable for both left-handed and right-handed doors.

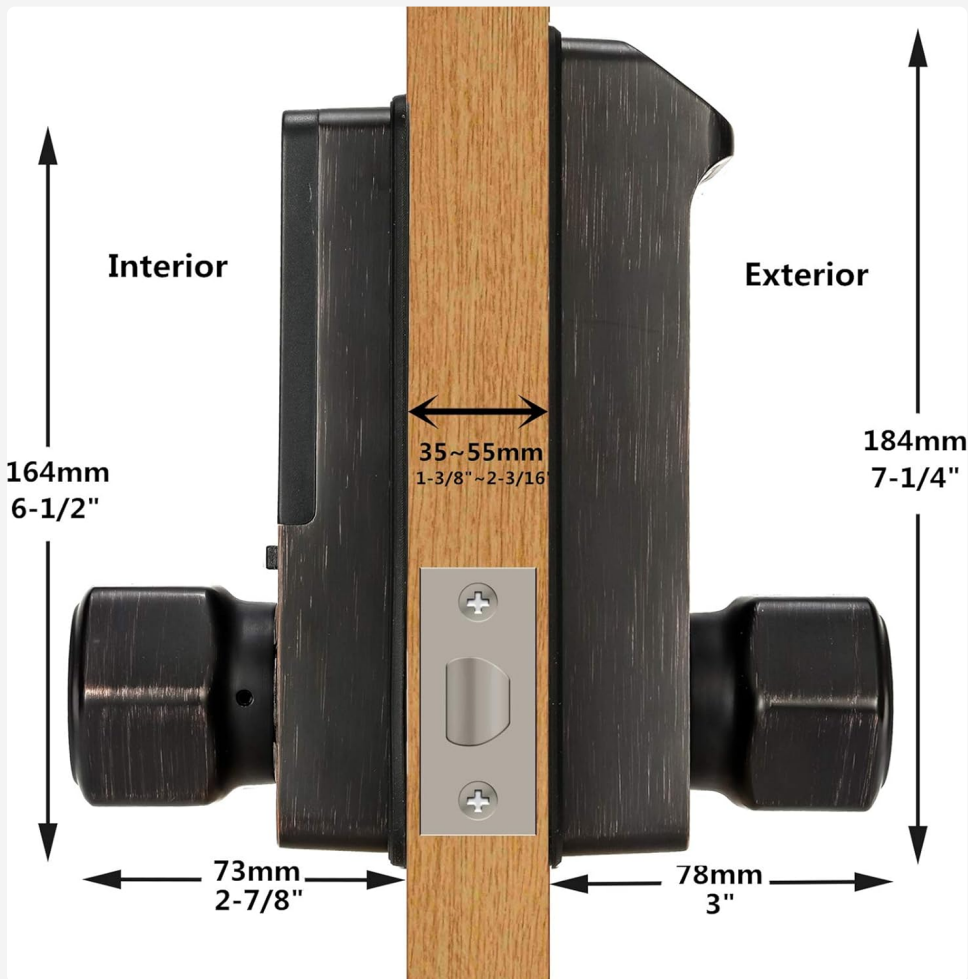


Image: Detailed dimensions of the HARFO K1 lock and the compatible door thickness range (35mm-55mm).

Installation Steps (General Overview):

1. Prepare the door by ensuring the existing boreholes and backset are compatible. Use the provided drill bit if new holes are required.
2. Install the latch into the door edge.
3. Mount the exterior unit of the lock, feeding the cable through the door.
4. Connect the cable to the interior unit and secure it to the door.
5. Install the batteries (4x AA dry batteries, not included).
6. Test the lock's functionality and calibrate if necessary according to the detailed instructions in the included manual.

Replace Your Existing Deadbolt Lock

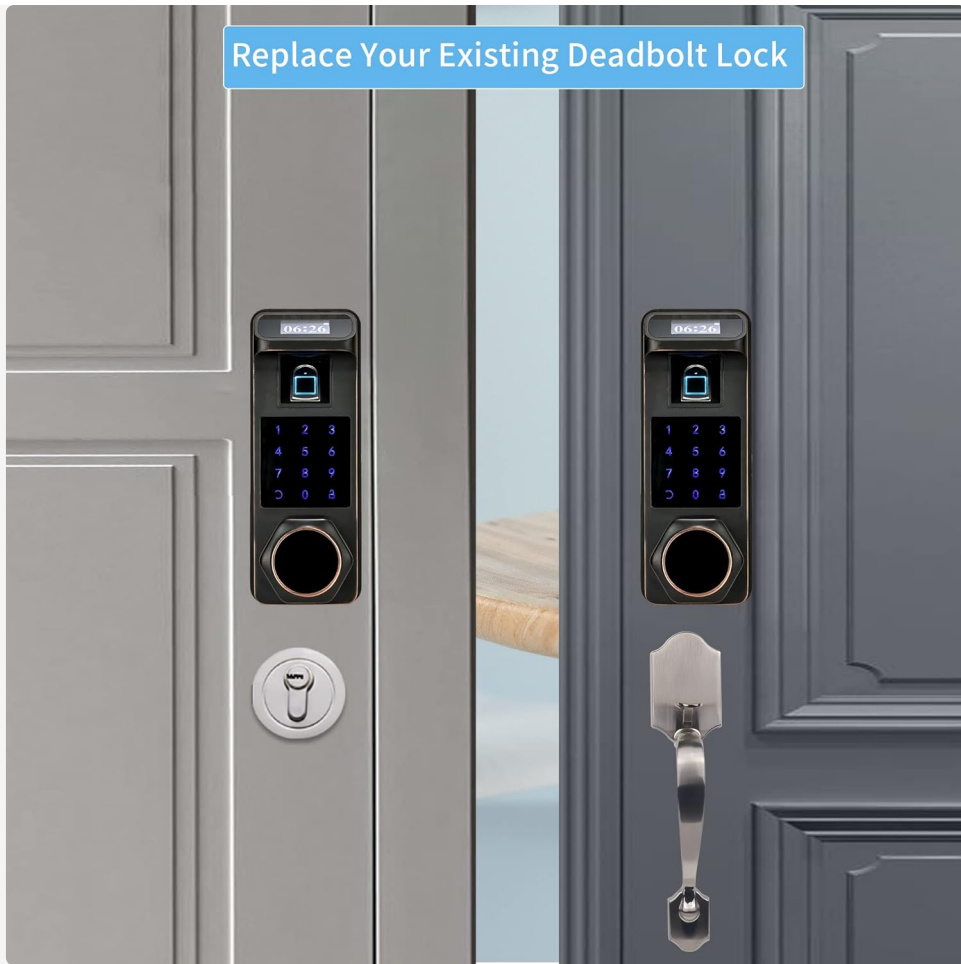
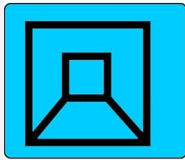


Image: Illustration of replacing an existing deadbolt lock with the HARFO K1 Fingerprint Door Lock.

4. OPERATING INSTRUCTIONS

The HARFO K1 offers multiple convenient ways to unlock your door. Follow these steps to set up and use the various access methods.

Multi-function Fingerprint Lock



Passage Mode



Auto Lock



Unlock via
Physical Key



Unlock via
Passcode



Unlock via
Fingerprint



Image: Multi-function Fingerprint Lock showing Passage Mode, Auto Lock, Unlock via Physical Key, Unlock via Passcode, and Unlock via Fingerprint.

4.1. Initial Setup and Admin User:

Upon first use, you will need to set up an administrator user. This user has full control over lock settings, including adding/deleting other users and changing modes. Refer to the detailed manual for specific steps on setting up the admin user.

4.2. Adding Fingerprints:

The 3D fingerprint sensor allows quick and secure access. To add a fingerprint:

1. Access the user management menu via the admin user.
2. Select the option to add a new fingerprint.
3. Follow the voice prompts and place your finger on the sensor multiple times until successfully registered.

4.3. Setting Passcodes:

You can set up multiple user passcodes. The anti-peep feature enhances security.

Increase Privacy Protection

Add Random Digits before or after the True Password

ANTI-PEEP PASSWORD



Image: Increase Privacy Protection with Anti-Peep Password, showing how to add random digits before or after the true password.

1. Navigate to the password management section in the menu.
2. Choose to add a new password and enter your desired code.
3. When unlocking, you can enter any random digits before or after your actual password to obscure it from onlookers.

4.4. Using IC Cards:

The lock comes with three IC cards for convenient tap-to-unlock access.

1. Register the IC cards through the user management menu.
2. To unlock, simply tap the registered IC card against the designated area on the lock.

4.5. Mechanical Key Access:

A traditional mechanical key is provided as a backup in case of electronic failure or battery depletion.



Image: Unlocking the HARFO K1 using the mechanical key, which is hidden for security.

1. Locate the hidden keyhole on the lock.
2. Insert the mechanical key and turn to unlock the door.

4.6. Private Mode:

Activate private mode from the inside to prevent any external access, even by registered users, except for the admin user.



Image: Activating Private Mode from the interior side of the lock for enhanced security.

4.7. Automatic Locking:

The lock features a built-in sensor that automatically locks the door once it is closed, ensuring continuous security.



Image: The Auto-Lock feature automatically secures the door when closed.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your HARFO K1 lock.

5.1. Battery Replacement:

The lock requires 4x 1.5V AA dry batteries. Rechargeable batteries are not recommended as their voltage (typically 1.2V) may not be sufficient for consistent operation.



Image: The HARFO K1 lock offers up to 1 year of battery life.

Replace batteries when the low battery indicator appears or when the lock's response time decreases. Ensure correct polarity when inserting new batteries.

5.2. Emergency Power Supply:

In case the batteries completely deplete, you can use a Micro USB cable to provide temporary power from an external power bank (not included) to unlock the door.



Image: Connecting a Micro USB cable for emergency power supply to the lock.

5.3. Cleaning:

Clean the lock's exterior and fingerprint sensor with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.

6. TROUBLESHOOTING

If you encounter issues with your HARFO K1 lock, refer to the following common problems and solutions.

- **Lock is not responding or powering on:**
Check if the batteries are correctly installed and have sufficient charge. Replace with new 1.5V AA dry batteries if needed. Use the Micro USB emergency power supply if batteries are completely dead.
- **Fingerprint not recognized:**
Ensure your finger is clean and dry. Try re-registering your fingerprint. Ensure you are placing your finger correctly on the sensor.
- **Keypad not responding:**
Check battery level. Ensure the touchscreen is clean and free from debris. If the issue persists, try a factory reset (refer to the full manual for instructions).
- **Lock does not unlock after successful entry:**
Verify that the lock mechanism is not obstructed. Check if Private Mode is accidentally enabled. Ensure the lock is properly aligned with the door frame.
- **Automatic locking is not working:**
Check the sensor for any obstructions. Ensure the door closes completely and smoothly.
- **Lost or forgotten password/IC card:**
Use a registered fingerprint or mechanical key to access the lock. An admin user can reset or add new passwords/IC cards.

For more complex issues or if troubleshooting steps do not resolve the problem, please contact HARFO customer support.

7. SPECIFICATIONS

Feature	Detail
Manufacturer	HARFO
Product Dimensions	20.57 x 6.86 x 7.87 cm
Item Model Number	K1
Colour	Aged Bronze
Style	Fingerprint+Keypad
Finish	Polished
Material	Zinc
Pattern	Door Knob
Installation Method	Self-Adhesive (Note: This may refer to template, actual installation is mechanical)
Item Package Quantity	1
Number of Pieces	4 (main lock components)
Handle Material	Bronze
Special Features	Fingerprint, Fob Unlock (IC Card), Rechargeable (via Micro USB for emergency power)
Batteries Included?	No
Batteries Required?	Yes (4x 1.5V AA dry batteries)
Item Weight	2.39 kg
Lock Type	Biometric, Keypad
Recommended Uses	Securing doors in homes and offices





8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided with your product packaging or visit the official HARFO website. Keep your purchase receipt for warranty claims.

HARFO is committed to providing reliable products and support. If you have any questions or require assistance, do not hesitate to reach out to their customer service team.



Related Documents

 <p>HARFO® HL20 series USER MANUAL</p>	<p>HARFO HL20 Series Smart Door Lock User Manual: Installation, Features, and Operation</p> <p>Comprehensive user manual for the HARFO HL20 series smart door lock, covering installation, fingerprint and password management, unlocking methods, alarm warnings, and after-sales service.</p>
 <p>HARFO® HL10 series USER MANUAL</p>	<p>HARFO HL10 Series User Manual</p> <p>User manual for the HARFO HL10 series door lock, providing instructions on installation, operation, and troubleshooting. Includes technical specifications and after-sales service information.</p>
 <p>K1 Instruction Manual Laser Engraver</p>	<p>K1 Laser Engraver Instruction Manual</p> <p>Comprehensive instruction manual for the K1 Laser Engraver, covering safety guidelines, software installation and usage (LaserGRBL and LightBurn), parameter settings, troubleshooting, and maintenance.</p>
	<p>K1 Karaoke Speaker User Manual: Portable Wireless Microphone & Speaker</p> <p>Comprehensive user manual for the K1 Portable Wireless Microphone & Speaker, covering setup, usage, features, FAQs, and troubleshooting. Learn how to connect, charge, and use your K1 karaoke device.</p>