

HARFO K1

HARFO K1 Smart Door Lock User Manual

Model: K1

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your HARFO K1 Smart Door Lock. The HARFO K1 is an advanced keyless entry system featuring an OLED display and English voice guidance for easy setup and use. It offers multiple unlocking methods including fingerprint, password, access cards, and a traditional mechanical key, supporting up to 300 unique users.

PACKAGE CONTENTS

Please verify that all components are present before beginning installation:

- 1 x HARFO K1 Smart Door Knob (Main Unit)
- 1 x Latch Assembly
- 2 x Set of Mounting Screws
- 1 x Set of Spare Parts
- 1 x Strike Plate + Assembly
- 1 x Drill bit
- 3 x Access Cards (unregistered)
- 2 x Metal Keys
- 1 x User Manual (this document)
- 2 x Install Templates



Image: Overview of the HARFO K1 Smart Door Lock, displaying both the exterior keypad and interior handle units.

KEY FEATURES

- **Multiple Unlocking Methods:** 4-in-1 keyless entry via Fingerprint, Password, Access Card, or Mechanical Key.
- **Automatic Locking:** Built-in sensor detects when the door is closed and automatically locks it for enhanced security.
- **Private Mode:** Enables enhanced security from the inside, allowing only the administrator to access.
- **Advanced 3D Fingerprint Sensor:** Recognizes fingerprints in 0.3 seconds and unlocks in 1 second, suitable for all ages.
- **Intuitive OLED Display & Voice Guide:** Simplifies setup and operation with clear visual and audio prompts.
- **High User Capacity:** Stores up to 300 users (fingerprints, passwords, and cards).
- **Anti-peep Touchscreen:** Allows entry of random digits before or after the true password to prevent password disclosure.
- **Emergency Power Supply:** Features a Micro USB port for emergency power in case of battery depletion.
- **Long Battery Life:** Designed for approximately 1 year of battery life under normal usage.



English Voice Guide



Intuitive OLED Display



Anti-peep Touchscreen



Advanced Fingerprint
Identification



UP to 300 users



Hidden Backup Key Hole



Micro USB Emergency Supply



Privacy Lock

Image: Visual representation of the HARFO K1's main features, including its display, unlocking methods, and user capacity.



Image: Key advantages of the HARFO K1 Smart Door Lock, including battery life and user management.

SETUP AND INSTALLATION

The HARFO K1 Smart Door Lock is designed for ease of installation, suitable for most standard doors. Please follow the steps carefully.

1. Door Compatibility Check

Ensure your door's thickness is within the compatible range of 1 3/8 inches to 2 3/16 inches (35mm-55mm). The lock is suitable for both left-handed and right-handed doors.

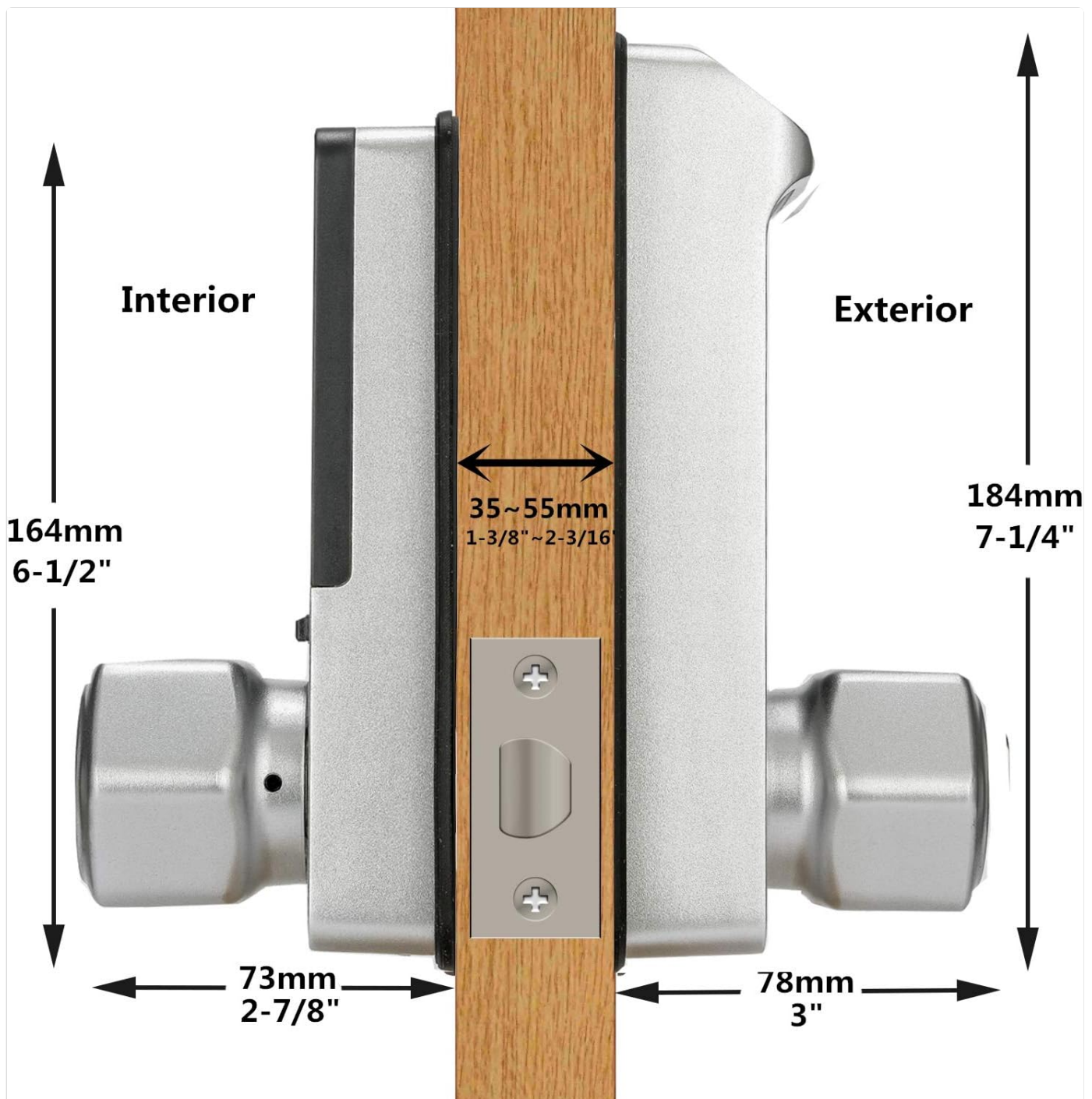


Image: Door thickness compatibility diagram, showing the required dimensions for installation.

2. Prepare Your Door

Use the provided install templates to mark and drill holes on your door. If replacing an existing deadbolt lock, the HARFO K1 is designed to fit most standard preparations.

Replace Your Existing Deadbolt Lock

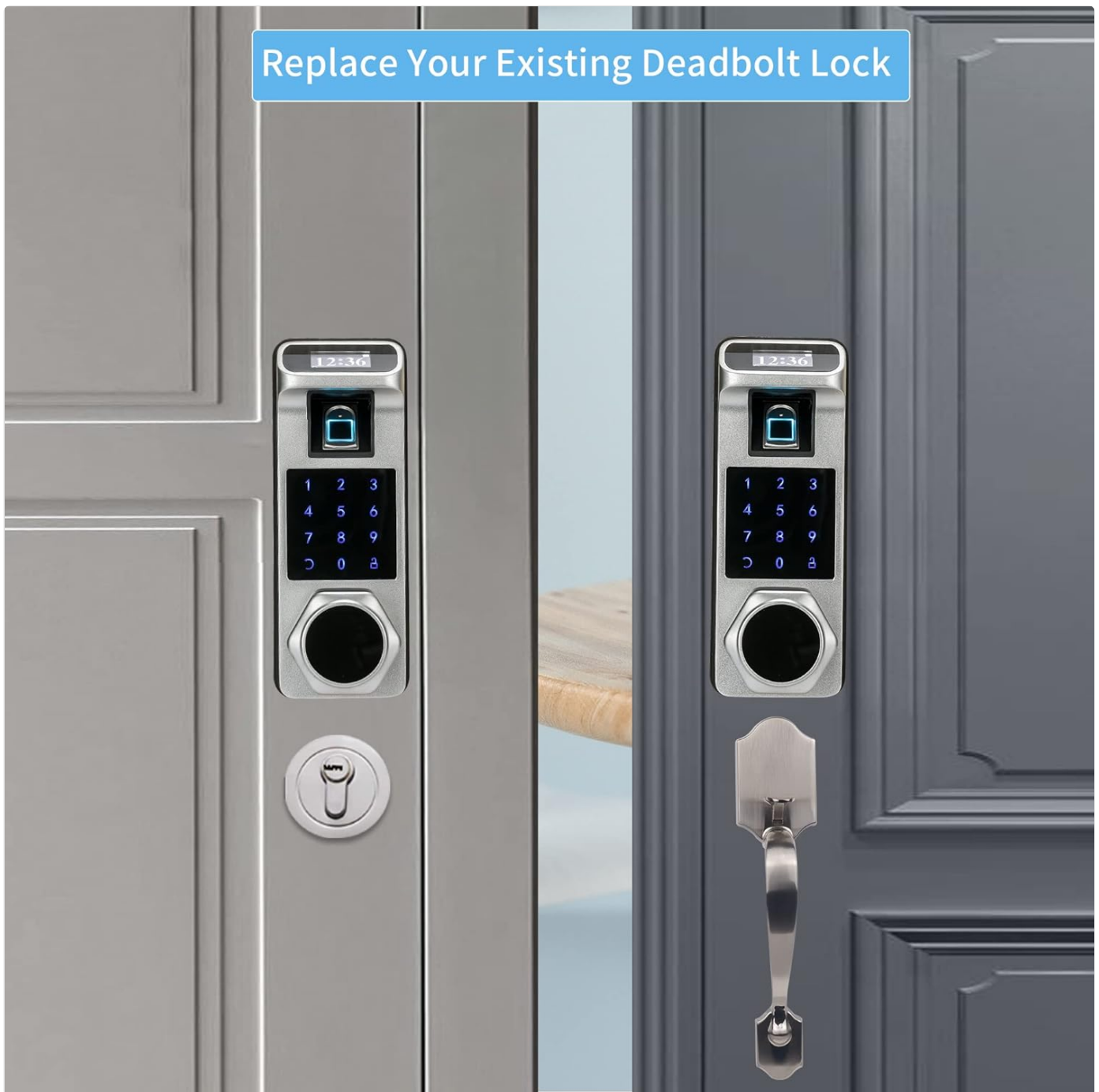


Image: Illustration of replacing an existing deadbolt lock with the HARFO K1 Smart Door Lock.

3. Install the Latch Assembly

Insert the latch assembly into the door edge. Ensure the latch bolt is facing the correct direction for your door's swing.

4. Install the Exterior and Interior Units

Connect the exterior unit (keypad and fingerprint scanner) and the interior unit (battery compartment and privacy switch) through the door using the mounting screws. Carefully route any cables to avoid pinching.

5. Insert Batteries

The lock requires 4 x 1.5V AA dry batteries (not included). Rechargeable batteries are not recommended as their typical voltage (1.2V) may affect performance. Insert the batteries into the interior unit's battery compartment, observing correct polarity.

6. Initial Setup and Programming

Upon first power-up, the lock will guide you through initial setup via its OLED display and English voice prompts. This

typically involves setting an administrator password and registering initial fingerprints or cards. Refer to the on-screen instructions for detailed programming steps.

OPERATING INSTRUCTIONS

The HARFO K1 offers multiple convenient ways to unlock your door.

Unlocking Methods:

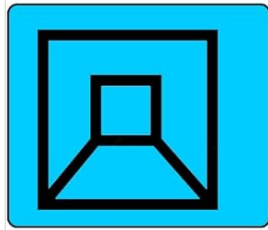
- **Fingerprint Unlock:** Place your registered finger on the fingerprint sensor. The lock will unlock in approximately 1 second upon successful recognition.
- **Password Unlock:** Enter your registered password on the touchscreen keypad. For enhanced security, you can use the anti-peep function by entering random digits before or after your actual password.



Image: Explanation of the Anti-Peep Password feature.

- **Access Card Unlock:** Present a registered access card to the designated card reader area on the lock.
- **Mechanical Key Unlock:** In case of emergency or battery depletion, use one of the provided mechanical keys to unlock the door. The keyhole is discreetly located.

Multi-function Fingerprint Lock



Passage Mode



Auto Lock



Unlock via
Physical Key



Unlock via
Passcode



Unlock via
Fingerprint



Image: Visual guide to the multi-function unlocking capabilities of the HARFO K1.

Automatic Locking Feature:

The HARFO K1 is equipped with a sensor that detects when your door is closed. After a short delay (configurable in settings), the lock will automatically engage, providing peace of mind that your door is always secured.

Private Mode:

To activate Private Mode, locate the switch on the interior unit and slide it to the "Private" position. When Private Mode is active, only the administrator user can unlock the door from the outside, enhancing privacy and security.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your HARFO K1 Smart Door Lock.

- **Battery Replacement:** The lock will provide a low battery warning on the OLED display. Replace all four 1.5V AA dry batteries promptly. Do not mix old and new batteries, or different types of batteries.

- **Cleaning:** Wipe the lock's surface, especially the keypad and fingerprint sensor, with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.
- **Mechanical Components:** Periodically check the screws and mounting for tightness. Do not lubricate the lock cylinder or internal mechanisms with oil-based lubricants, as this can attract dust and debris.
- **Firmware Updates:** Check the official HARFO website or contact customer support for information on any available firmware updates that may improve performance or add features.

TROUBLESHOOTING

If you encounter issues with your HARFO K1 Smart Door Lock, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lock does not respond or display is off.	Batteries are dead or incorrectly installed.	Replace with new 1.5V AA dry batteries, ensuring correct polarity. If completely dead, use the mechanical key or emergency Micro USB power.
Fingerprint not recognized.	Finger is dirty/wet, sensor is dirty, or fingerprint not properly registered.	Ensure finger and sensor are clean and dry. Try a different angle or re-register the fingerprint.
Password not accepted.	Incorrect password entered, or anti-peep function used incorrectly.	Verify the password. Ensure you are entering the correct sequence, especially if using the anti-peep feature.
Lock does not auto-lock.	Auto-lock feature is disabled or sensor obstruction.	Check lock settings to ensure auto-lock is enabled. Ensure nothing is obstructing the door sensor.
Cannot unlock from outside when Private Mode is on.	This is expected behavior for Private Mode.	Only the administrator can unlock from outside when Private Mode is active. Turn off Private Mode from the interior unit if general access is desired.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	K1
Manufacturer	HARFO
Unlocking Methods	Fingerprint, Password, Access Card, Mechanical Key
User Capacity	Up to 300 (Fingerprints, Passwords, Cards)
Door Thickness Range	35mm - 55mm (1 3/8 inch to 2 3/16 inch)
Power Supply	4 x 1.5V AA Dry Batteries (not included)
Emergency Power	Micro USB Port
Material	Metal

Feature	Specification
Color	Sliver
Product Dimensions (L x W x H)	18.29 x 14.99 x 16.51 cm
Item Weight	2.39 kg
Special Features	Passcode Unlock, Touchscreen, OLED Display, Voice Guide, Auto Lock, Private Mode

WARRANTY INFORMATION

Specific warranty details for the HARFO K1 Smart Door Lock are not provided in the available product information. Please refer to the product packaging or contact HARFO customer support for warranty terms and conditions.



CUSTOMER SUPPORT





For further assistance, technical support, or inquiries regarding your HARFO K1 Smart Door Lock, please visit the official HARFO website or contact their customer service department. Contact information may be found on the product packaging or the manufacturer's website.



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Related Documents - K1

 HARFO® HL20 series USER MANUAL	HARFO HL20 Series Smart Door Lock User Manual: Installation, Features, and Operation 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.
 HARFO® HL10 series USER MANUAL	HARFO HL10 Series User Manual 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>HARFO® HL20 series USER MANUAL</p>	<p><u>HARFO HL20 Series Smart Door Lock User Manual: Installation, Features, and Operation</u></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><u>HARFO HL10 Series User Manual</u></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>TCL Customer Service User Manual K1 Series Smart Door Knob</p>	<p><u>TCL K1 Series Smart Door Knob User Manual and Installation Guide</u></p> <p>Comprehensive user manual and installation guide for the TCL K1 Series Smart Door Knob, covering parts list, product overview, installation steps, lock setup, usage instructions, frequently asked questions, disclaimer, and FCC statement.</p>
	<p><u>YEEUU K1 Smart Lock Box Quick Start Guide and Installation</u></p> <p>Comprehensive guide for the YEEUU K1 Smart Lock Box, covering setup, installation, features, and troubleshooting. Learn how to use the YEEUU app, manage access, and install the lock box securely.</p>