

HARFO DA2K-BK

Harfo Fingerprint Smart Door Lock User Manual

Model: DA2K-BK | Brand: HARFO

1. INTRODUCTION

Thank you for choosing the Harfo Fingerprint Smart Door Lock. This manual provides detailed instructions for the installation, setup, operation, and maintenance of your new smart lock. This keyless entry system offers multiple access methods including fingerprint, passcode, IC card, and smartphone app control, enhancing the security and convenience of your home.

2. SAFETY INFORMATION

- Do not attempt to disassemble or repair the lock yourself. Refer to qualified personnel for service.
- Use only the specified battery type and ensure correct polarity during installation.
- Avoid exposing the lock to direct sunlight, rain, or extreme temperatures.
- Keep all components, especially small parts, out of reach of children.
- Regularly check the lock for any signs of damage or malfunction.

3. PACKAGE CONTENTS

Before beginning installation, please verify that all components are present and in good condition:

- High Quality Handleset
- Necessary Hardware for Installation (screws, bolts, etc.)
- Detailed Installation Instructions (this manual)
- 3 IC Cards
- 2 Physical Keys

4. INSTALLATION GUIDE

The Harfo Smart Door Lock is designed for easy installation and is suitable for most American standard left and right-handed doors. No wiring is needed.

4.1 Door Compatibility

- **Door Thickness Range:** 1 3/8 inch to 2 3/16 inch (35mm-55mm) thick.
- **Backset:** 2-3/8 inch or 2-3/4 inch (60mm or 70mm).
- **Borehole Diameter:** 2-1/8 inch (54mm).



Figure 4.1: Door Compatibility and Dimensions. This image illustrates the required door measurements for proper installation, including boreholes and thickness for both left and right-opening doors.

4.2 Installation Steps

Follow the detailed instructions provided in the included installation guide. A typical installation can be completed in minutes with basic tools.



Figure 4.2: Installation Process. This image shows a person actively installing the smart door lock, highlighting the straightforward nature of the setup.

5. SETUP AND CONFIGURATION

The Harfo Smart Door Lock offers advanced app control for comprehensive management.

5.1 App Download and Pairing

Download the dedicated smartphone app (e.g., TTLock app, as implied by product images) from your device's app store. Follow the in-app instructions to pair your smart lock via Bluetooth.



Figure 5.1: App Interface and Lock. This image displays the Harfo Smart Door Lock on a door alongside a smartphone showing the lock's app, illustrating the connectivity and management capabilities.

5.2 User Management

The app allows you to add and remove users, manage access permissions, and view user logs.

- **Fingerprints:** Store up to 50 unique fingerprints.
- **Passcodes:** Create up to 250 unique passcodes.
- **IC Cards:** Register up to 1000 IC cards (3 included).
- **eKey Sharing:** Share temporary or permanent eKeys with authorized users.

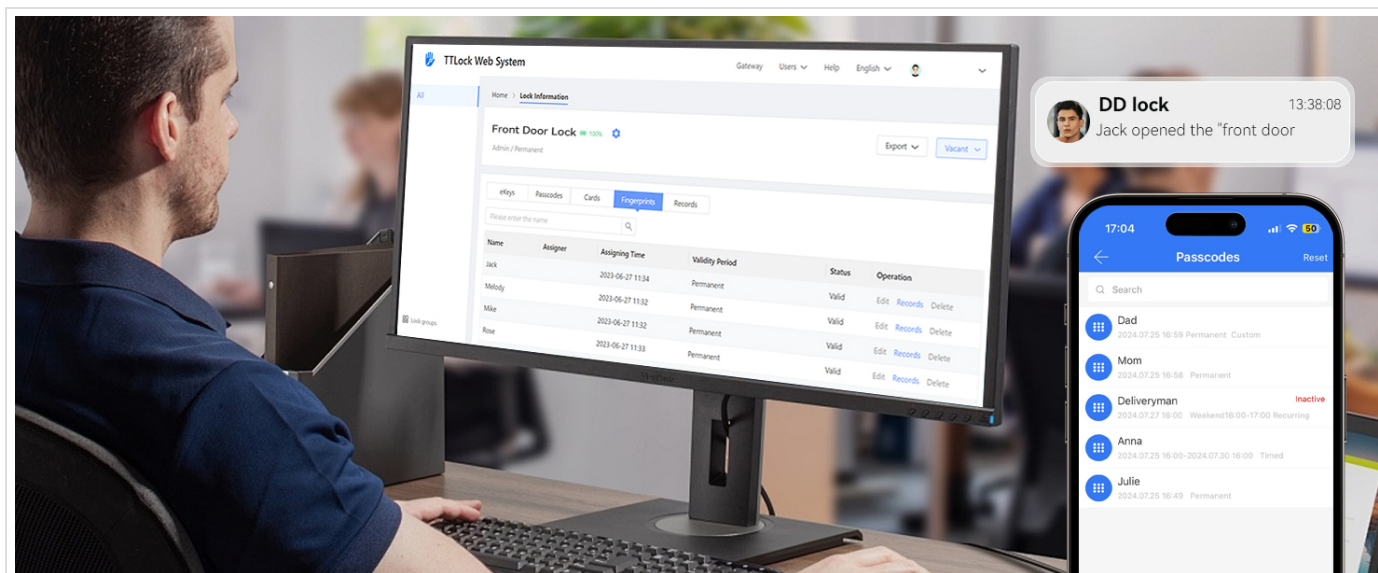


Figure 5.2: Generating Passcodes. This image demonstrates the process of generating and managing passcodes through the smartphone app for the smart lock.

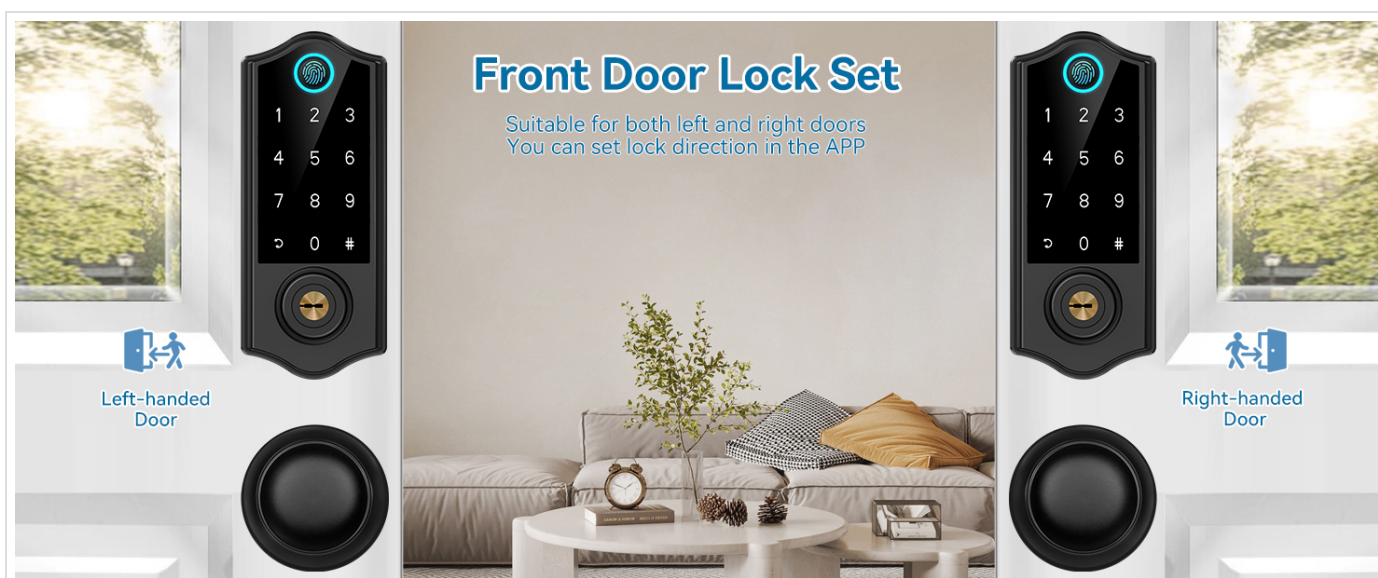


Figure 5.3: Remote Passcode Generation. This image shows users generating a one-time passcode remotely, highlighting the convenience for guests or travelers.

6. OPERATING INSTRUCTIONS

Your Harfo Smart Door Lock provides multiple convenient ways to access your property.

6.1 Unlocking Methods

- **Fingerprint:** Place your registered finger on the fingerprint sensor.
- **Passcode:** Enter your registered passcode on the touchscreen keypad.
- **IC Card:** Tap a registered IC card on the designated area of the lock.
- **Physical Key:** Use the provided physical keys as a traditional backup.
- **App Control:** Unlock directly from the smartphone app via Bluetooth.
- **eKey:** Use an eKey shared with you through the app.



Figure 6.1: Multiple Access Methods. This image visually represents the various ways to unlock the Harfo Smart Door Lock, including fingerprint, IC cards, passcode, and physical keys.

6.2 Locking Methods

- **Auto Lock:** Set the auto-lock feature via the app for a duration between 5 and 900 seconds. The lock will automatically engage after the set time.
- **One-Touch Lock:** Simply press and hold the "#" button on the keypad for 2 seconds to manually lock the door.



Figure 6.2: Auto Lock Feature. This image demonstrates the auto-lock functionality, showing how the lock can be configured to automatically secure the door after a set period.

6.3 Advanced Features

- **Anti-Peeping Password:** Enter random digits before or after your actual passcode to prevent others from guessing your code.
- **Privacy Mode:** Engage privacy mode from the inside to prevent external access.
- **Passage Mode:** Keep the door unlocked for continuous access during specific periods.
- **Silent Mode:** Disable keypad sounds for quiet operation.
- **Emergency Power Port:** A micro USB port is available for temporary power supply using a power bank in case of battery depletion.

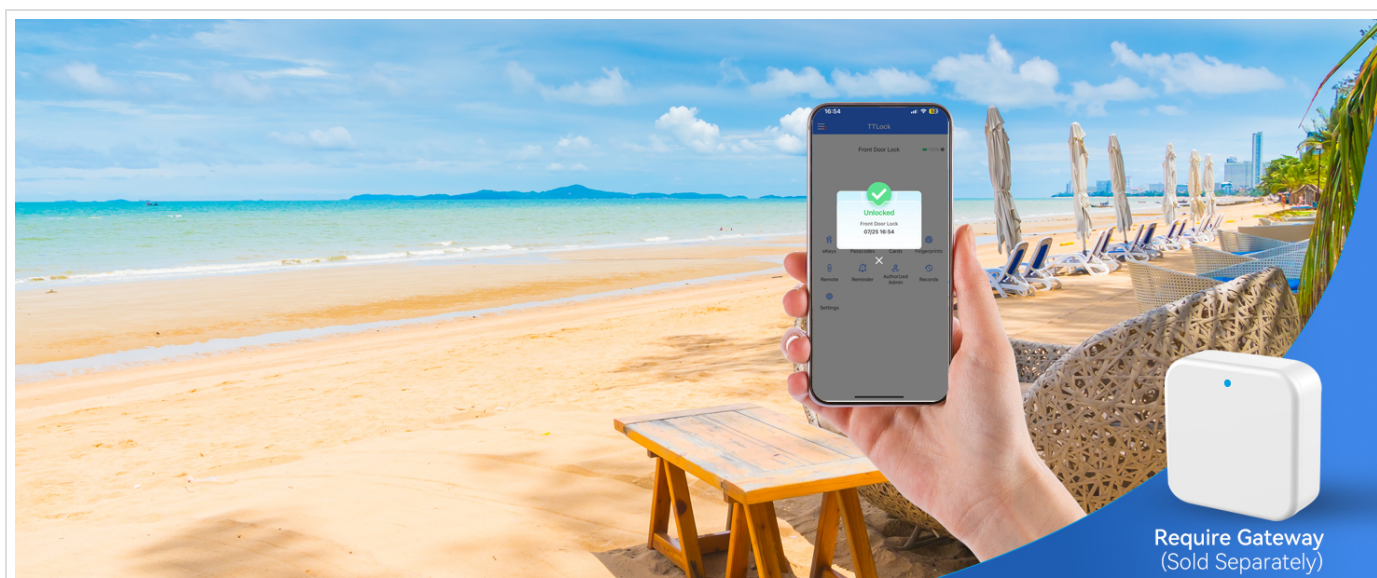


Figure 6.3: Anti-Peeping Password. This image illustrates the anti-peeping password function, where random digits can be added before or after the actual code for enhanced security.



Figure 6.4: Emergency Power Port. This image highlights the micro USB port on the lock, which allows for temporary power supply in case the batteries run out.

7. SMART HOME INTEGRATION

Enhance your smart home experience by integrating your Harfo Smart Door Lock with voice assistants and remote access capabilities.

Note: Remote access and voice control features require the Harfo gateway (sold separately).

- **Voice Control:** Lock/unlock your door using voice commands with Amazon Alexa or Google Assistant.
- **Remote Access:** Unlock your keyless entry door lock from anywhere, anytime.
- **Real-time Notifications:** Receive push notifications on your smartphone for lock status changes.
- **Monitor Status:** Check the current status of your smart door lock remotely.



Figure 7.1: Voice Control Integration. This image shows a user interacting with smart speakers to control the lock, illustrating compatibility with Amazon Alexa and Google Assistant when paired with the gateway.



Figure 7.2: Remote Unlock Capability. This image depicts a user remotely unlocking the smart lock via the app, highlighting the convenience of managing access from any location with the optional gateway.

8. MAINTENANCE

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

- **Battery Replacement:** The lock requires batteries (not included). Replace all batteries simultaneously when the low battery indicator appears or performance degrades. Use high-quality alkaline batteries.
- **Cleaning:** Wipe the lock's exterior with a soft, dry cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Lubrication:** Periodically lubricate the mechanical parts of the deadbolt and handle with a silicone-based lubricant to ensure smooth operation.

9. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Lock does not respond to input.	Dead batteries.	Replace batteries. Use the emergency micro USB port for temporary power if needed.
Fingerprint not recognized.	Finger is wet/dirty, sensor is dirty, or fingerprint not properly registered.	Ensure finger and sensor are clean and dry. Re-register fingerprint if necessary. Try different angle.
Keypad unresponsive.	Keypad is in sleep mode or batteries are low.	Touch the keypad to wake it up. Replace batteries if issue persists.
Auto-lock not working.	Auto-lock feature is disabled or set to a long delay.	Check auto-lock settings in the app and adjust the delay time. Ensure the door is fully closed.
Cannot connect to app.	Bluetooth is off, lock is out of range, or app issue.	Ensure Bluetooth is enabled on your phone. Move closer to the lock. Restart the app or phone.

10. SPECIFICATIONS






Detailed technical specifications for the Harfo Fingerprint Smart Door Lock (Model DA2K-BK):

Feature	Specification
Brand	HARFO
Model Name	DA2
Part Number	DA2K-BK
Lock Type	Biometric, Combination Lock, Deadbolt, Keypad
Special Features	Anti-Drill, Anti-Peeping Password, Auto-Lock, Fingerprint, Fob Unlock
Material	Zinc
Color	Black
Finish Type	Polished
Item Dimensions (L x W x H)	8 x 3 x 13 inches
Item Weight	3.43 pounds (1.56 Kilograms)
Connectivity Protocol	Bluetooth
Control Method	App, Remote (with gateway), Touch, Voice (with gateway)
Controller Type	Amazon Alexa, Google Assistant (with gateway)
Batteries Required?	Yes
Batteries Included?	No
Door Thickness Range	1 3/8 inch to 2 3/16 inch (35mm-55mm)

11. WARRANTY AND SUPPORT

HARFO is committed to providing high-quality products and customer satisfaction.

- **Warranty Information:** For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official HARFO website.
- **Customer Support:** If you have any questions, require technical assistance, or need to report an issue, please contact HARFO customer support through the contact information provided on the official HARFO website or through your purchase platform.

 <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>Smart Wi-Fi® door lock NHS-D150</p>	<p>Nexxt Solutions Smart Wi-Fi Door Lock Deadbolt (NHS-D150) - Features & Specifications</p> <p>Explore the Nexxt Solutions Smart Wi-Fi Door Lock Deadbolt (NHS-D150). This guide details its multiple unlocking modes, advanced security features, comprehensive specifications, and installation compatibility. Enjoy keyless entry, remote access, and enhanced home security with this smart home device.</p>
 <p>BOTHSTAR</p>	<p>BOTHSTAR IU-22/IU32 Double Keypad Door Knob Installation and User Guide</p> <p>Comprehensive installation and user guide for the BOTHSTAR IU-22/IU32 Double Keypad Door Knob, covering setup, specifications, passcode management, programming, troubleshooting, and warranty information.</p>
 <p>VEVOR Upgrade · The Home Creator Way</p> <p>MECHANICAL KEYLESS DOOR LOCK MODEL:OL-209S3-BK-07</p> <p>VEVOR Support Center</p>	<p>VEVOR Mechanical Keyless Door Lock OL-209S3-BK-07 User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the VEVOR Mechanical Keyless Door Lock, model OL-209S3-BK-07. Includes safety precautions, parts list, installation steps, password management, and troubleshooting.</p>