

## IRONZON 84d3f1d3-1269-480d-a3c8-fd7a8667b443

# IRONZON Fingerprint Door Lock (Model: 84d3f1d3-1269-480d-a3c8-fd7a8667b443) Instruction Manual

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your IRONZON Fingerprint Door Lock. Please read this manual thoroughly before installation and use to ensure proper function and to maximize the lifespan of your device. Keep this manual for future reference.

## 2. PRODUCT OVERVIEW

The IRONZON Fingerprint Door Lock offers a secure and convenient keyless entry solution for various applications, including homes, hotels, apartments, and bedrooms. It integrates multiple unlocking methods for enhanced security and ease of use.

### Key Features:

- **Multiple Unlocking Methods:** Fingerprint, Anti-peep Virtual Password, and Physical Key.
- **Fast Fingerprint Recognition:** Up to 98% recognition rate, unlocking in approximately 1 second. Supports up to 50 unique fingerprints.
- **DIY Installation:** Designed for standard US doors, requiring no additional wiring or drilling. Compatible with both left-handed and right-handed doors.
- **Emergency Power:** Equipped with a Type-C interface for emergency charging and a low battery reminder function.



Image 2.1: The IRONZON Fingerprint Door Lock, showcasing its sleek design and integrated keypad.

### Package Contents:

- Exterior Handle with Fingerprint Sensor and Keypad
- Interior Handle
- Latch Bolt
- Strike Plate
- Mounting Screws
- Physical Keys (2)
- Installation Template
- User Manual

## 3. INSTALLATION GUIDE

The IRONZON Fingerprint Door Lock is designed for straightforward DIY installation, typically requiring only a screwdriver. No additional drilling or wiring is necessary for most standard door setups.

### 3.1 Pre-Installation Checks:

- **Door Thickness:** Ensure your door thickness is between 1-3/8 inches (35 mm) and 2-1/8 inches (55 mm).

- **Backset:** Verify your door's backset is either 2-3/8 inches (60 mm) or 2-1/8 inches (70 mm).
- **Door Handing:** The lock is reversible and fits both left-handed and right-handed doors.

### 3.2 Installation Steps:

1. **Remove Existing Lock:** Carefully remove your current door knob and latch mechanism.
2. **Install Latch Bolt:** Insert the new latch bolt into the door edge and secure it with screws. Ensure the latch is oriented correctly for your door's opening direction.
3. **Install Exterior Handle:** Place the exterior handle assembly through the door, aligning it with the latch bolt.
4. **Install Interior Handle:** Connect the interior handle assembly to the exterior handle, ensuring all cables are properly routed and not pinched.
5. **Secure Handles:** Use the provided screws to firmly attach both handle assemblies to the door. Do not overtighten.
6. **Install Batteries:** Open the battery cover on the interior handle and insert 4 AAA alkaline batteries (not included), observing correct polarity.
7. **Test Functionality:** After installation, test all unlocking methods (fingerprint, keypad, key) to ensure smooth operation before closing the door completely.



Image 3.1: Visual representation of the easy installation process using a screwdriver.

## 4. OPERATING INSTRUCTIONS

Your IRONZON Fingerprint Door Lock offers multiple convenient ways to access your space.

### 4.1 Unlocking Methods:

#### 4.1.1 Fingerprint Unlock

The fingerprint sensor allows for quick and secure access. Up to 50 unique fingerprints can be registered.

1. **Enrollment:** Refer to the programming section for instructions on how to add new fingerprints.
2. **Usage:** Place your registered finger flat on the fingerprint sensor. The lock will unlock with a successful scan.



Image 4.1: Demonstrating the fingerprint unlock feature with a glowing sensor.

#### 4.1.2 Keypad Unlock (Anti-peep Virtual Password)

Use a numerical password for entry. The anti-peep function allows you to enter random digits before or after your actual password to prevent others from guessing your code.

1. **Setting Password:** Refer to the programming section for instructions on how to set and change user passwords.
2. **Usage:** Enter any random digits, followed by your actual password, and then more random digits (e.g., 250201 + 123456 + 250201). Press '#' to confirm.



# Password Unlock

Relaxing Travel Experience



Image 4.2: Illustrating the keypad unlock with the anti-peep virtual password feature.

## 4.1.3 Physical Key Unlock

In case of electronic malfunction or dead batteries, the physical key provides a reliable backup entry method.

1. **Usage:** Insert the physical key into the keyhole located at the bottom of the exterior handle and turn to unlock.

# Key Unlock

Multiple unlocking methods to protect your family



Image 4.3: Showing the use of a physical key for emergency or alternative access.

## 4.2 Battery Management:

The lock requires 4 AAA alkaline batteries for operation.

- **Low Battery Alert:** The lock will provide an audible and/or visual alert when batteries are low, indicating it's time for replacement.
- **Emergency Charging:** If batteries completely drain, connect a Type-C cable to the emergency charging port on the exterior handle to temporarily power the lock and gain access.



Image 4.4: Visual indicators for low battery, emergency charging port, and backlit keypad.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your IRONZON Fingerprint Door Lock.

### 5.1 Battery Replacement:

When the low battery alert activates, replace all 4 AAA alkaline batteries promptly. Use high-quality batteries for best performance.

1. Open the battery cover on the interior handle.
2. Remove the old batteries.
3. Insert new AAA batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.

### 5.2 Cleaning:

Keep the fingerprint sensor and keypad clean for accurate operation.

- Wipe the surfaces with a soft, dry cloth.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.

## 6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Fingerprint not recognized.	Fingerprint sensor is dirty; finger is wet or improperly placed; unregistered fingerprint.	Clean the sensor. Ensure your finger is dry and covers the sensor completely. Re-enroll fingerprint if necessary. Try another registered finger or unlocking method.
Keypad not responding or lock beeps continuously.	Low batteries; incorrect password; system error.	Replace batteries immediately. Use the Type-C emergency power. Ensure correct password entry. If continuous beeping persists after battery replacement, contact support.

Problem	Possible Cause	Solution
Lock does not unlock with valid password/fingerprint.	Batteries are completely dead; mechanical obstruction; system error.	Use the physical key for immediate access. Use emergency Type-C power. Check for any physical obstructions. If the issue persists, contact customer support.
Auto-lock feature cannot be disabled or adjusted.	Incorrect programming sequence; temporary software glitch.	Refer to the programming section of the full manual (if available) for specific instructions on auto-lock settings. If the issue persists, a factory reset might be required (consult support for reset procedures).

## 7. SPECIFICATIONS

Feature	Specification
Brand	IRONZON
Model Number	84d3f1d3-1269-480d-a3c8-fd7a8667b443
Lock Type	Keypad, Fingerprint
Special Feature	Fingerprint Recognition
Material	Zinc
Color	Black
Item Dimensions (L x W x H)	6.3 x 2.4 x 2.4 inches
Item Weight	2.05 pounds
Power Source	4 x AAA Alkaline Batteries (not included)
Emergency Power	Type-C USB Port
Door Thickness Compatibility	1-3/8" to 2-1/8" (35 mm - 55 mm)
Backset Compatibility	2-3/8" (60 mm) and 2-1/8" (70 mm)

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions not covered in this manual, please refer to the product packaging or contact IRONZON customer service directly. Contact details are typically available on the manufacturer's official website or through your purchase platform.