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EPIC EF-8000L(B)

EPIC Digital Door Lock EF-8000L(B) User Manual

Model: EF-8000L(B)

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your EPIC Digital Door Lock EF-8000L(B). Please read this manual thoroughly before installation and use to ensure proper function and safety.

Product Overview

The EPIC EF-8000L(B) is a robust digital door lock designed for enhanced security and convenience. It features multiple authentication methods and advanced safety systems.



Image: Front and back view of the EPIC EF-8000L(B) digital door lock, showcasing its sleek black design and handle mechanism.

Key Features:

- **Multi-Authentication:** Supports PIN, smart key cards, and fingerprint recognition.
- **Fingerprint Recognition:** Stores up to 100 fingerprints for quick and secure access.
- **Smart Key Registration:** Allows registration of up to 30 smart keys/cards.
- **Random Number Feature:** Enhances PIN security by adding random digits before or after the actual PIN.

- **Multi-Touch Number Feature:** Displays random numbers before PIN entry to prevent fingerprint residue analysis.
- **Automatic Locking:** Features automatic lock, re-lock, and dual lock functions.
- **Adjustable Volume:** 7 levels of volume adjustment, including a mute option.
- **Emergency Power:** External 9V battery terminal for emergency power when internal batteries are depleted.
- **Advanced Safety Systems:** Anti-shock, anti-fire, and anti-hacking protection.
- **Euro Type Mortise:** Compatible with international door requirements.

Package Contents

Verify that all components are present before beginning installation:

- EPIC EF-8000L(B) Main Unit (Front and Back Assemblies)
- Mortise Lock Mechanism
- Strike Plate and Strike Box
- Installation Screws and Hardware
- Smart Key Fobs (Quantity may vary)
- Emergency Mechanical Keys (Quantity may vary)
- User Manual (This document)

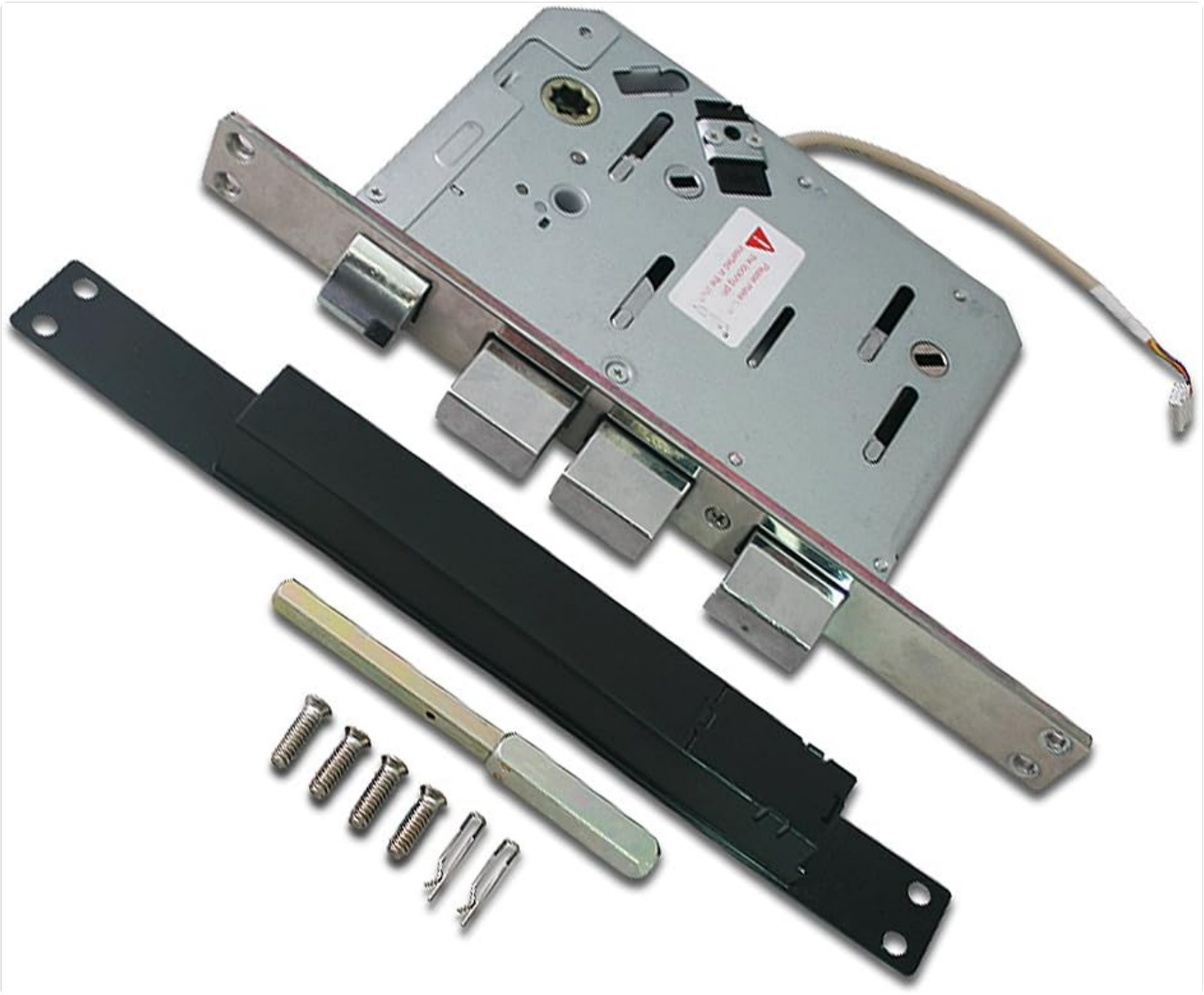


Image: The internal mortise lock mechanism and associated screws, essential for the lock's secure installation within the door.

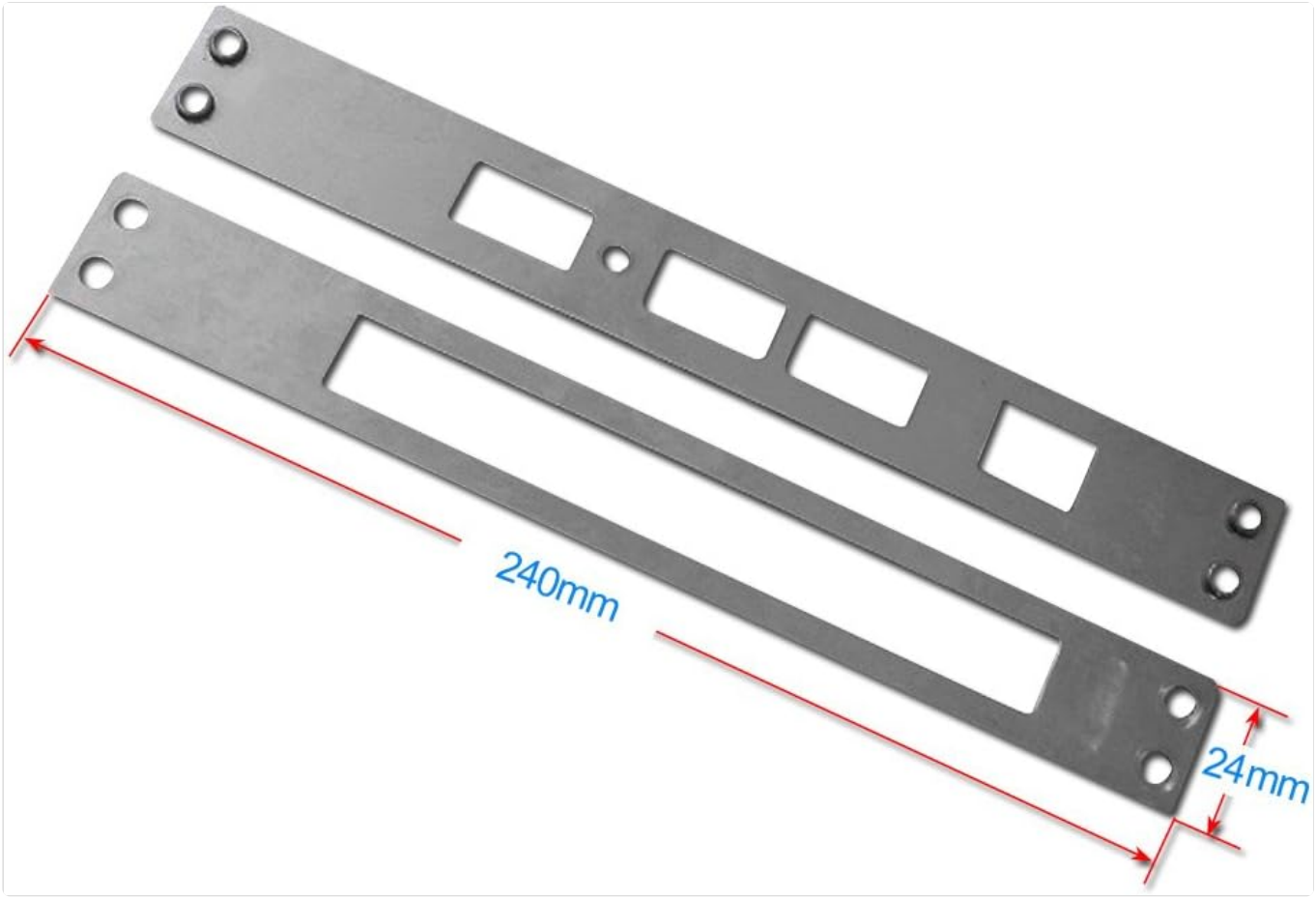


Image: The strike plates, showing their dimensions (240mm length, 24mm width), which are installed on the door frame to receive the lock's bolts.



Image: A set of EPIC branded smart key fobs and cards, used for convenient access control.



Image: Two emergency mechanical keys, provided for manual override in case of electronic system failure or battery depletion.

Setup and Installation

Professional installation is recommended. Ensure the door thickness and mortise cutout are compatible with the EF-8000L(B) lock. The handle can be set for left-hand or right-hand operation.

Pre-Installation Checklist:

1. Confirm door compatibility (thickness, backset).
2. Verify all package contents are present.
3. Prepare necessary tools (screwdriver, drill, measuring tape, chisel).

Installation Steps (Summary):

1. Prepare the door: Mark and drill holes according to the provided template (not included in this manual).

2. Install the mortise lock: Insert the mortise into the door edge and secure it with screws.
3. Install the front and back assemblies: Connect the cables and secure the units to the door.
4. Install batteries: Insert the required batteries into the battery compartment of the indoor unit.
5. Install the strike plate and strike box on the door frame.
6. Test the lock's mechanical and electronic functions.



Image: A detailed front view of the EPIC EF-8000L(B) digital door lock, highlighting the keypad and the open fingerprint scanner cover.



Image: The back view of the EPIC EF-8000L(B) digital door lock, showing the indoor handle and the battery compartment area.

Operating Instructions

Initial Setup:

Upon first power-up, the lock will be in initial mode. It is crucial to register a master PIN code immediately.

1. Registering Master PIN:

1. Open the battery cover on the indoor unit.
2. Press the [Registration] button.
3. Enter your desired 4-12 digit Master PIN on the keypad, followed by the [#] button.
4. Re-enter the Master PIN and press [#] to confirm.

5. A confirmation sound indicates successful registration.

2. Registering User Fingerprints (Up to 100):

1. Press the [Registration] button.
2. Enter the Master PIN and press [#].
3. Press the [1] button (for fingerprint registration).
4. Place the finger to be registered on the fingerprint sensor. Repeat 3 times until confirmed.
5. To register more fingerprints, repeat the process. Press [Registration] to exit.

3. Registering Smart Keys/Cards (Up to 30):

1. Press the [Registration] button.
2. Enter the Master PIN and press [#].
3. Press the [2] button (for card registration).
4. Place the smart key/card on the card reader area.
5. To register more cards, repeat the process. Press [Registration] to exit.

4. Opening the Door:

- **By PIN:** Touch the keypad to activate, enter your PIN (with or without random numbers), and press [#].
- **By Fingerprint:** Place your registered finger on the sensor. The auto cover will open for convenient authentication.
- **By Smart Key/Card:** Place your registered smart key/card on the card reader.
- **By Mechanical Key:** Insert the emergency key into the hidden keyhole and turn.

5. Volume Adjustment:

The lock's volume can be adjusted in 7 levels. Refer to the full manual for specific button sequences to change volume or mute the lock.

6. Emergency Battery Function:

If the internal batteries are completely discharged, connect a 9V battery to the external terminals on the front unit to temporarily power the lock and gain access.

Maintenance

- **Battery Replacement:** Replace all batteries when the low battery indicator appears or when the lock emits low battery warnings. Use only recommended battery types.
- **Cleaning:** Wipe the lock's surface with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Fingerprint Sensor:** Keep the fingerprint sensor clean and free of debris for optimal performance.
- **Mechanical Parts:** Periodically check for any loose screws or components. Do not lubricate the internal lock mechanism unless specified by the manufacturer.

Troubleshooting

Problem	Possible Cause	Solution
Lock does not respond.	Dead batteries.	Replace all batteries. Use a 9V battery for emergency power if needed.
Fingerprint not recognized.	Finger not placed correctly; sensor dirty; fingerprint not registered.	Ensure finger is clean and placed flat. Clean sensor. Re-register fingerprint if necessary.

Problem	Possible Cause	Solution
PIN not accepted.	Incorrect PIN; random number feature active.	Verify PIN. Ensure correct entry sequence with random numbers if enabled.
Door does not lock automatically.	Auto-lock feature disabled; door misalignment.	Check lock settings. Adjust door or strike plate alignment.
Alarm sounds unexpectedly.	Tamper attempt; high temperature detected.	Check for forced entry. If due to high temperature, ensure safety and evacuate if necessary.

For issues not listed here, please contact customer support.

Specifications

Feature	Detail
Model	EF-8000L(B)
Brand	EPIC
Lock Type	Biometric Digital Door Lock
Authentication Methods	PIN, Fingerprint, Smart Key/Card, Mechanical Key
Fingerprint Capacity	Up to 100
Smart Key/Card Capacity	Up to 30
PIN Length	4-12 digits
Power Source	Battery powered (specific battery type not provided, assume AA or similar)
Emergency Power	9V Battery Terminal
Dimensions (L x W x H)	14.17 x 3.94 x 12.2 inches (approximate, based on product dimensions)
Weight	7.8 pounds (approximate)
Color	Black

Safety Information

The EPIC EF-8000L(B) is equipped with advanced safety features:

- **Anti-Shock System:** Designed to withstand electrical shocks.
- **Anti-Fire System:** If the internal temperature rises above a safe threshold, the heat sensor will trigger a loud alarm, and the door will automatically unlock to facilitate evacuation.
- **Anti-Hacking System:** Incorporates measures to prevent unauthorized electronic access attempts.

Always ensure the door is properly closed and locked when leaving the premises. Do not attempt to disassemble or repair the lock yourself, as this may void the warranty and compromise safety.

Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official

EPIC website. Keep your purchase receipt as proof of purchase.
Manufacturer: EPIC Systems

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