

ERAY E291

ERAY Fingerprint Door Lock Set with Deadbolt

Model: E291

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ERAY Fingerprint Door Lock Set. This advanced keyless entry system offers enhanced security and convenience for your home, office, hotel, or apartment.

Key Features:

- **Multiple Unlock Methods:** Fingerprint, Passcode, and Mechanical Key.
- **Auto-Lock Function:** Automatically locks after 5 seconds for added security.
- **Reversible Door Handle:** Suitable for both left and right-handed doors.
- **Emergency Power:** Micro-USB port for emergency unlock if batteries deplete.
- **Durable Construction:** Made of heavy-duty zinc alloy and ABS plastic casing.



The ERAY Fingerprint Door Lock Set, showcasing its sleek design and included keys.

2. SETUP AND INSTALLATION

The ERAY Fingerprint Door Lock Set is designed for easy installation, typically requiring only a screwdriver. It is suitable for single-cylinder doors with a thickness ranging from 1-3/8 inches to 2-1/8 inches (35-50mm).

2.1. Installation Video Guide

For a visual step-by-step guide, please refer to the official installation video:

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Official video demonstrating the installation process for the ERAY Keyless Entry Door Knob Lock with Handle.

2.2. Step-by-Step Installation Overview

1. **Prepare the Door:** Ensure your door has the correct boreholes and backset. The latch is adjustable to 2 3/8" (60mm) or 2 3/4" (70mm).

2. **Install the Latch:** Insert the latch into the door edge and secure it with two screws.



Securing the latch into the door frame using a screwdriver.

3. **Attach the Front Handle:** The handle is reversible for left or right-handed doors. Fix and tighten the spiral tubes. Run the wire through the square cotter. Run the wire through the square cotter.

Wide Application & Easy to Install

Fits most single-cylinder doors in both left and right handed directions

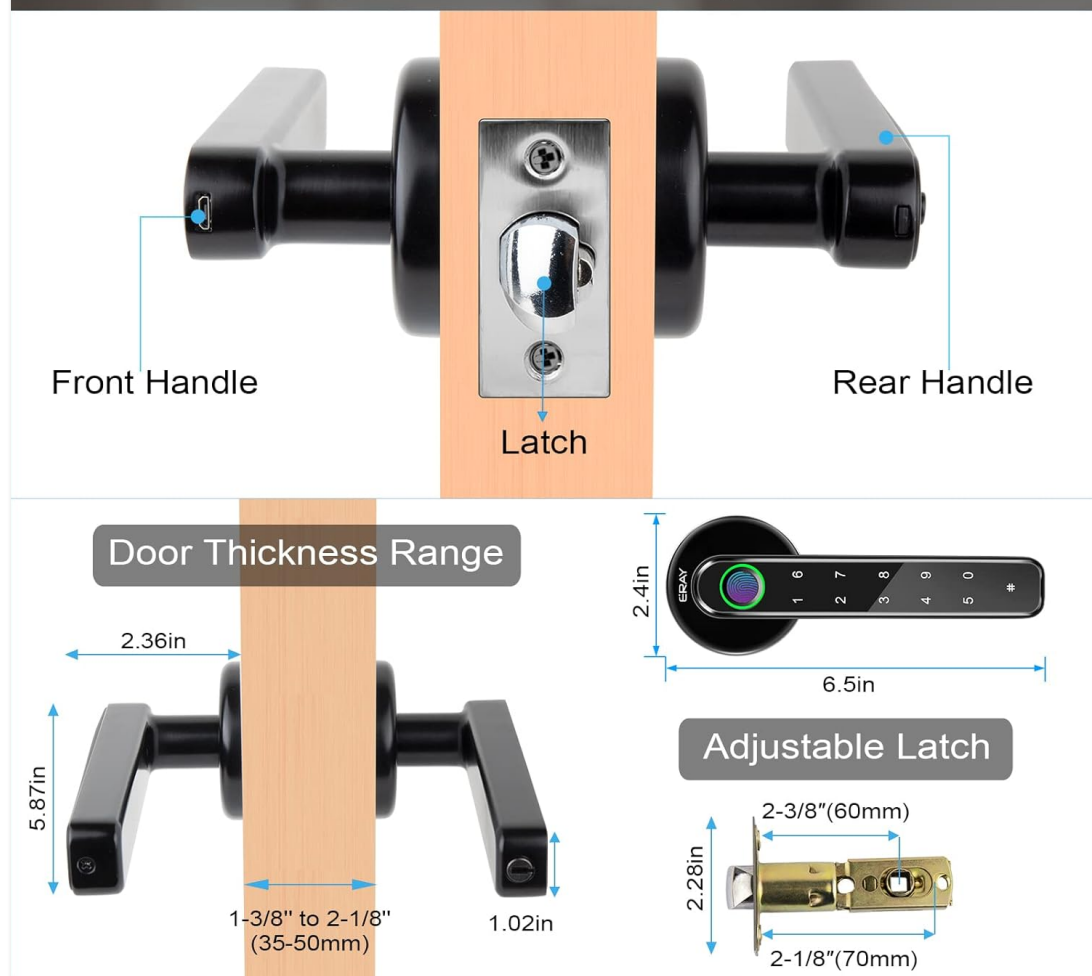


Diagram showing door thickness range and adjustable latch dimensions for proper fit.

4. **Connect the Back Handle:** Open the battery case on the back handle. Run the wire from the front handle through the hole in the back handle. Insert the wire with the square cotter and two spiral tubes into the latch square holes. Fix the back handle with screws.
5. **Install Batteries:** Install 4 AAA batteries (not included) into the battery panel. Connect the wire

to the port on the battery panel.

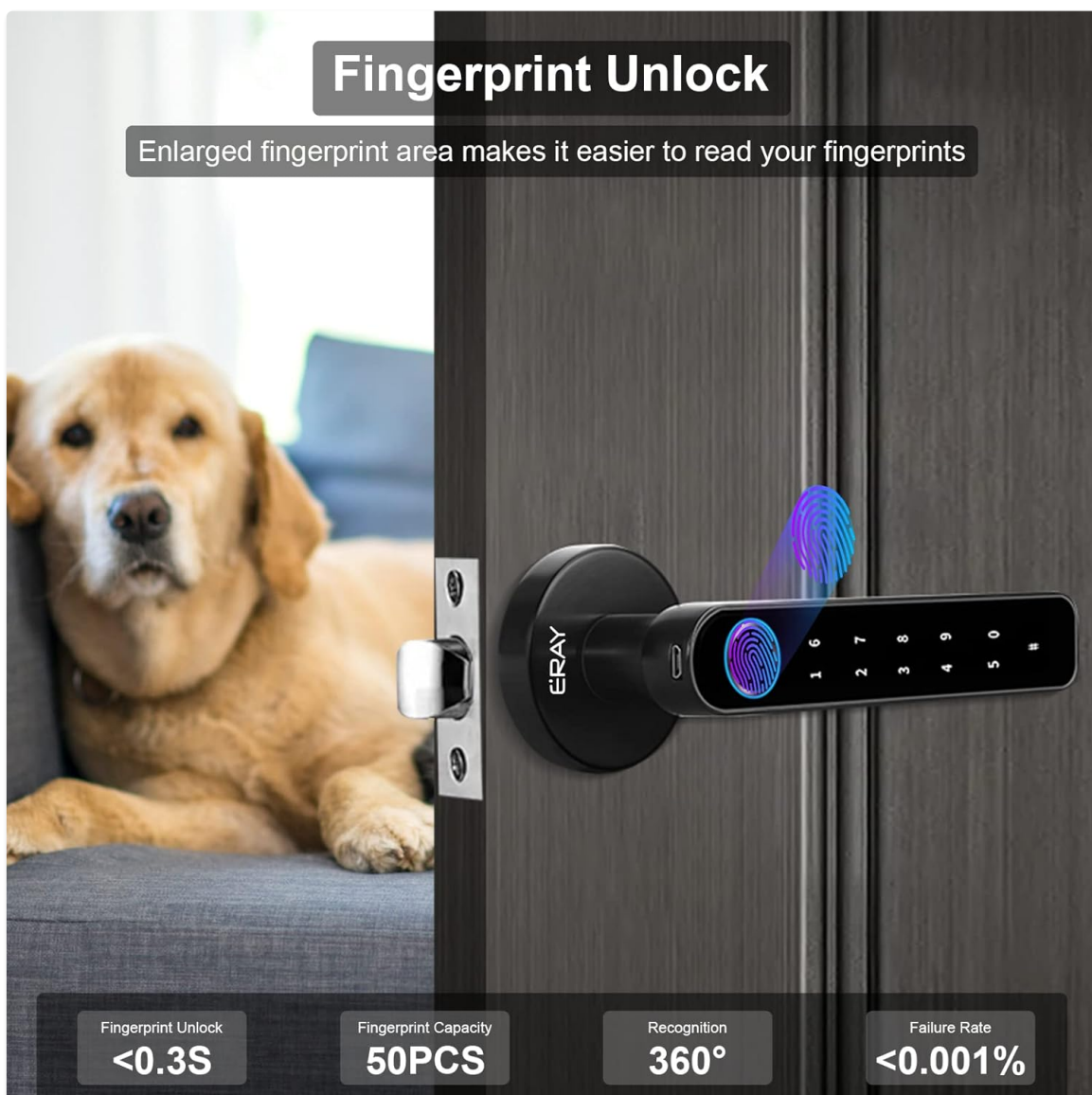
6. **Test Functionality:** Check if the keyboard lights up and if the lock mechanism operates smoothly. Cover the battery panel to the back handle and fix it with a screw.

3. OPERATING INSTRUCTIONS

Your ERAY Fingerprint Door Lock offers three convenient ways to unlock your door.

3.1. Fingerprint Unlock

The enlarged fingerprint area allows for quick and easy recognition. The lock can store up to 50 unique fingerprints.

The image is a promotional graphic for the ERAY Fingerprint Door Lock. It features a dark wood-grain door with the lock installed. A golden retriever is lying on a grey couch to the left of the door. The lock has a black handle with a silver-colored base. A glowing blue fingerprint sensor is highlighted on the handle. A numeric keypad is visible on the handle. Text overlays include 'Fingerprint Unlock' in a large white font, 'Enlarged fingerprint area makes it easier to read your fingerprints' in a smaller white font, and a table of specifications at the bottom. The table lists: Fingerprint Unlock (<0.3S), Fingerprint Capacity (50PCS), Recognition (360°), and Failure Rate (<0.001%).

Fingerprint Unlock	Fingerprint Capacity	Recognition	Failure Rate
<0.3S	50PCS	360°	<0.001%

Place your registered finger on the sensor for quick access.

3.2. Passcode Unlock

You can set up to 100 passcodes. The anti-peeping passcode feature allows you to enter random digits before or after your actual code to prevent others from guessing your entry sequence.



Enter your passcode on the keypad, utilizing the anti-peeping function for enhanced security.

3.3. Mechanical Key Unlock

Two mechanical keys are included for traditional unlocking, serving as a reliable backup method.

Emergency Unlock

Unlock in an emergency, such as battery died



Mechanical key to unlock

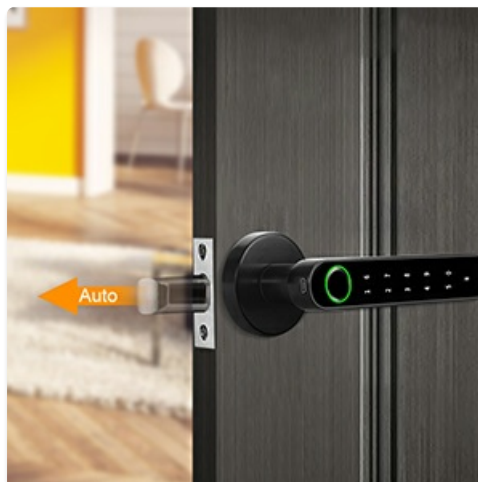


USB emergency power supply to unlock

The lock provides both a mechanical key and a micro-USB port for emergency power, ensuring access even if batteries are dead.

3.4. Auto-Lock Function

The lock is designed to automatically lock after 5 seconds of being unlocked, providing peace of mind that your door is always secured.



The auto-lock feature ensures the door is secured automatically after a short period.

4. MAINTENANCE

Proper maintenance will ensure the longevity and optimal performance of your ERAY Fingerprint Door Lock.

4.1. Battery Replacement

The lock is powered by 4 AAA batteries (not included). It features a low battery reminder function to alert you when replacement is needed. Always use high-quality alkaline batteries for best performance and to avoid frequent replacements.



The low battery indicator provides a visual alert when batteries need to be replaced.

4.2. Cleaning

Wipe the lock surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as they may damage the finish or electronic components. Keep the fingerprint sensor clean and free of debris for optimal recognition.

5. TROUBLESHOOTING

If you encounter issues with your ERAY Fingerprint Door Lock, consider the following common solutions:

- **Fingerprint Recognition Issues:** If the lock frequently fails to recognize fingerprints, ensure your finger is clean and dry. Try re-registering your fingerprint, ensuring you capture different angles and parts of your finger during the registration process.
- **Battery Drains Quickly:** Ensure you are using fresh, high-quality alkaline AAA batteries. High traffic doors may experience faster battery depletion. If the issue persists, contact customer support.
- **Keypad Not Lighting Up:** Check if the batteries are correctly installed and have sufficient charge. If the issue persists after replacing batteries, use the micro-USB port for emergency power to check if the lock powers on.
- **Lock Mechanism Not Engaging/Disengaging:** Verify that the latch is installed correctly and is

not obstructed. Ensure the handle is properly aligned and secured with screws. If the issue is related to the internal mechanism, professional assistance may be required.

- **Bluetooth Connectivity Issues (if applicable to your model):** Some models may have Bluetooth features. Ensure your device's Bluetooth is enabled and you are within range. Re-pair the lock with your device if necessary.

For persistent issues not covered here, please refer to the Warranty & Support section for contact information.

6. SPECIFICATIONS

Feature	Detail
Brand	ERAY
Model Name	E291
Lock Type	Biometric, Door knob with keys, Keypad
Unlock Methods	Fingerprint, Passcode, Mechanical Key
Fingerprint Capacity	Max 50
Passcode Capacity	Max 100
Material	Durable Zinc alloy and ABS plastic casing
Color	Black
Item Dimensions (L x W x H)	8.54 x 3.03 x 7.05 inches
Item Weight	1.98 pounds
Recommended Uses	Indoor Doors (Home, Hotel, Apartment, Office)
Power Source	4 AAA Batteries (Not Included)
Connectivity Protocol	Wi-Fi (Note: Some models may use Bluetooth)
Included Components	1* Inside door handle, 1* Latch and strike plate, 1* Outside door handle, 2* Mechanical keys, Other Accessories

7. WARRANTY AND SUPPORT

ERAY provides a 30-day refund and replacement service for your product. Additionally, a 12-month

product warranty covers any manufacturing defects or quality issues.

If you have any questions, concerns, or require assistance with your ERAY Fingerprint Door Lock, please do not hesitate to contact our customer service team. Refer to your product packaging or the ERAY official website for the most current contact information.