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Blusafe C01-001

Blusafe C01-001 Fingerprint Smart Door Lock Instruction Manual

Model: C01-001 | Brand: Blusafe

1. PRODUCT OVERVIEW

The Blusafe C01-001 Fingerprint Smart Door Lock offers advanced security and convenience for your home. This 5-in-1 keyless entry system integrates fingerprint recognition, mobile app control, passcode entry, remote access via an included gateway, and traditional mechanical keys. Designed for easy DIY installation, it provides a robust and modern solution for securing your front door.

2. PACKAGE CONTENTS

Before beginning installation, please verify that all components are present in your package:

- Fingerprint Keypad Lock (Exterior Unit)
- Interior Lock Unit
- Door Handle Set (Lever and Pull Handle)
- Deadbolt Latch
- Strike Plate
- Mounting Plate
- Gateway (for remote access)
- 2 x Mechanical Keys
- USB Power Cable (for emergency charging)
- Installation Screws and Hardware
- User Manual



Image: All components included in the Blusafe C01-001 Smart Door Lock package, laid out for inspection.

3. INSTALLATION GUIDE

The Blusafe C01-001 Smart Door Lock is designed for straightforward DIY installation. Ensure your door meets the following specifications:

- **Door Thickness:** 1-1/2" to 1-7/8" (38-48mm)
- **Backset:** 60/70mm (adjustable)
- **Minimum Distance between deadbolt and handle:** 6-3/10" (160mm)

Installation Steps:

1. **Prepare the Door:** Ensure existing holes are correctly sized (Drill $\Phi 2\text{-}1/8"$ (54mm) for deadbolt, $\Phi 3/8"$ (10mm) for handle posts). Refer to the provided template for precise measurements.
2. **Install the Latch:** Insert the deadbolt latch into the door edge and secure it with screws. Adjust the backset if necessary.
3. **Install Exterior Unit:** Place the exterior fingerprint keypad unit onto the door, ensuring the spindle passes through the latch mechanism.
4. **Install Interior Mounting Plate:** Attach the interior mounting plate to the door, aligning it with the exterior unit and securing it with screws. Connect the cable from the exterior unit to the interior unit.
5. **Install Interior Unit:** Mount the interior lock unit onto the mounting plate, ensuring all cables are tucked away and the unit is flush with the door. Secure with screws.
6. **Install Door Handle Set:** Attach the exterior and interior door handle components, ensuring they operate smoothly.
7. **Insert Batteries:** Open the battery cover on the interior unit and insert 4 AA alkaline batteries.
8. **Test Operation:** Close the door and test all unlocking methods (fingerprint, keypad, mechanical key) to ensure proper function.

Installation adapter

Please use the Compatibility Checker for further details before purchase.

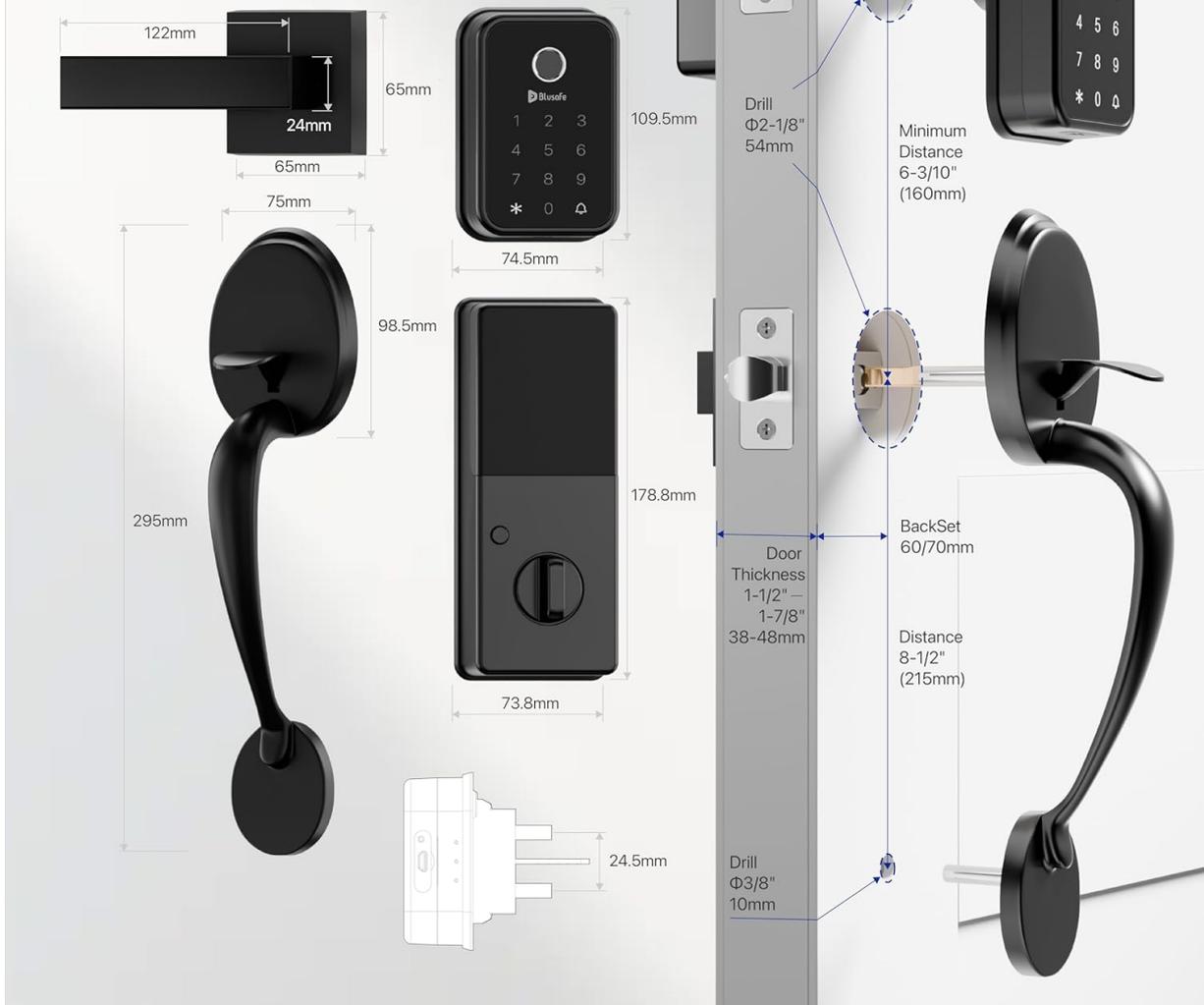


Image: Door lock dimensions and installation adapter for the Blusafe C01-001 Smart Door Lock.



Image: Step-by-step DIY installation process for the Blusafe C01-001 Smart Door Lock.

4. OPERATING INSTRUCTIONS

Unlocking Methods:

The Blusafe C01-001 offers multiple convenient ways to unlock your door:

- **Fingerprint:** Place your registered finger on the fingerprint sensor. The lock will unlock in less than 0.3 seconds if recognized. The AI self-learning feature improves recognition accuracy over time.
- **Passcode:** Enter your 4 to 8 digit passcode on the keypad. The anti-peeping feature allows you to enter random digits before or after your actual code to prevent others from guessing it.
- **Mobile App:** Download the Blusafe app (scan QR code in manual). Connect the lock to the app via Bluetooth or the included Gateway for remote control. Tap the unlock button in the app to open the door.
- **Mechanical Key:** In case of emergency or battery depletion, use one of the provided mechanical keys to manually unlock the door.



Image: Four methods to unlock the Blusafe C01-001 Smart Door Lock: fingerprint, passcode, mechanical key, and mobile app.



Image: Fingerprint recognition and anti-peeping password features of the Blusafe C01-001 Smart Door Lock.



Image: Remote control functionality via mobile app and gateway.

Automatic Locking (Auto-Lock):

The lock features an auto-lock function that automatically secures your door after a set period. This feature can be configured via the mobile app, allowing you to set the delay time (e.g., 5 seconds).

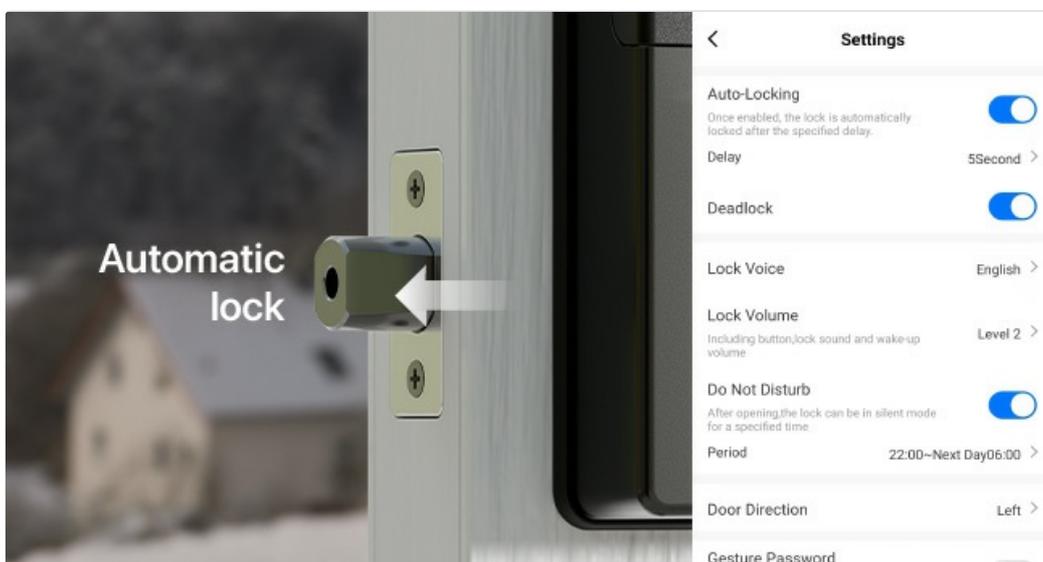


Image: App settings for automatic locking feature.

Do Not Disturb Mode:

Activate the "Do Not Disturb" mode using the button on the interior unit. When active, only mechanical keys or the administrator's access can unlock the door from the outside, providing enhanced privacy.

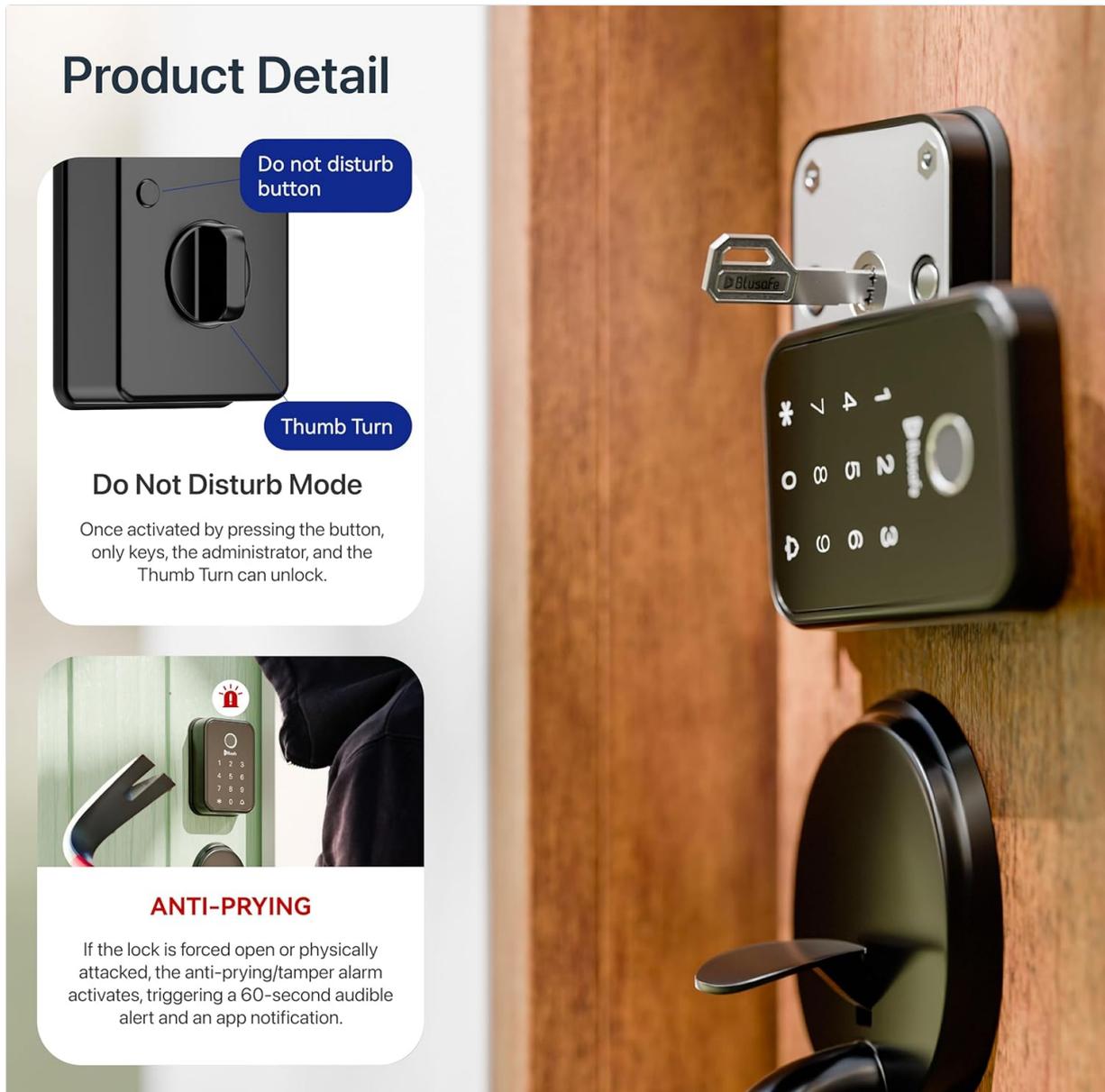


Image: Interior unit showing the 'Do Not Disturb' button.

5. MAINTENANCE

Battery Replacement:

The Blusafe C01-001 Smart Door Lock operates on 4 AA alkaline batteries. Under normal usage, batteries typically last 6-10 months (approximately 200 days replacement cycle). The lock will provide a low power warning via the app and on the lock itself when batteries are running low. It is recommended to replace batteries every 6 months to ensure optimal performance.

In case of complete battery depletion, the lock is equipped with a Micro-USB emergency power port. Connect a standard USB power bank to this port to temporarily power the lock and gain entry.

200 days battery replacement cycle

Emergency Charging

When the power is exhausted, use the power bank Emergency Charging and you can turn on the computer.

4 x AA
Alkaline
batteries

Energy IC

Power Managed Smartly,
Savings Effortlessly.



Image: Battery compartment and Micro-USB emergency charging port.

Cleaning:

To maintain the appearance and functionality of your smart lock, wipe the exterior surfaces with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish and electronic components.

6. SECURITY FEATURES

- **AI Self-Learning Fingerprint:** The lock's fingerprint sensor uses AI to learn and adapt, improving recognition speed and accuracy with each use. Fingerprint data is stored locally on the lock, not in the cloud, ensuring privacy.
- **Anti-Peeping Password:** When entering your passcode, you can input random digits before or after your actual code. As long as the correct 4-8 digit sequence is embedded within the longer entry, the lock will open, preventing onlookers from identifying your true code.
- **Input Error Limits:** After 10 consecutive failed attempts to enter a passcode or fingerprint, the lock will temporarily disable the keypad/sensor to prevent unauthorized access.
- **Anti-Prying Alarm:** If the lock detects physical tampering or forced entry, an audible alarm will activate for 60 seconds, and an alert notification will be sent to your connected mobile app.

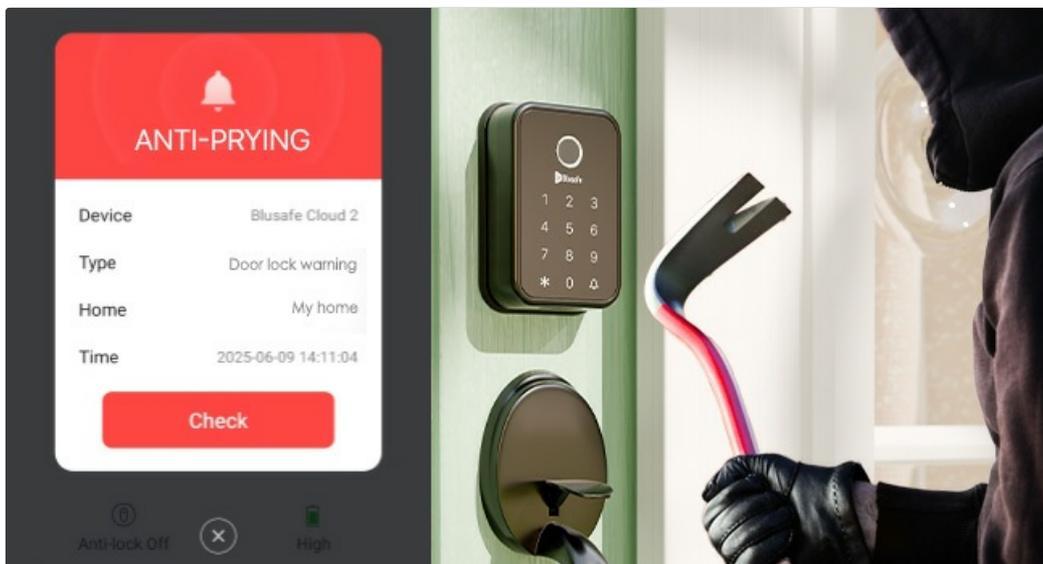


Image: Anti-prying alarm notification on the mobile app.

7. TROUBLESHOOTING

- **Lock not responding:** Check battery levels. If low, replace batteries or use the Micro-USB emergency power port.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint in the app.
- **Passcode not working:** Verify the correct code is entered. Ensure the keypad is clean. If multiple incorrect attempts were made, the lock might be temporarily disabled; wait a few minutes.
- **App connectivity issues:** Ensure Bluetooth is enabled on your phone. Check if the Gateway is powered on and within range of both the lock and your Wi-Fi router (within 32 feet).
- **Mechanical key not working:** Ensure the key is fully inserted and turned correctly. If the lock is jammed, do not force it.
- **Lock is making unusual noises:** This could indicate a mechanical issue. Contact customer support for assistance.

8. SPECIFICATIONS

Feature	Specification
Brand	Blusafe
Model Name	C01-001
Lock Type	Fingerprint, Keypad, App, Remote, Mechanical Key
Material	Zinc Alloy
Color	White (as per current variant)
Item Dimensions (L x W x H)	1.23 x 7.03 x 1.23 inches
Item Weight	5.79 pounds (2.63 Kilograms)
Control Method	App, Push Button, Remote, Touch

Feature	Specification
Special Feature	Auto-Lock, Anti-Prying Alarm, Do Not Disturb Mode
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Humidity Resistance	10% ~ 95% RH
IP Rating	IP65 (Ultra-high dust/water resistance)
Power Source	4 x AA Alkaline Batteries (not included)
Emergency Power	Micro-USB Port
Smart Home Compatibility	Smart Home Compatible (via Gateway)

Top Quality

10% ~ 95%RH
It works normally in the desert and thick fog

IP65
Ultra-high dust / water resistance

-25°C-60°C
Operates steadily, even in extreme climates



Zinc Alloy Body
Durable, wear-resistant, and the foundation of essential security.



Image: Blusafe C01-001 Smart Door Lock demonstrating weather resistance (IP65).



Image: Durable Zinc Alloy body construction.

9. WARRANTY & SUPPORT

The Blusafe C01-001 Fingerprint Smart Door Lock comes with a **1-year warranty**, ensuring peace of mind regarding product defects and performance issues. Additionally, Blusafe provides **24/7 expert technical assistance** to help with any installation, setup, or operational questions you may have.

For support, please refer to the contact information provided in your physical user manual or visit the official Blusafe website.