

ComMax CDL-107UB

COMMAX CDL-107UB Smart Deadbolt User Manual

Model: CDL-107UB

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your COMMAX CDL-107UB Smart Deadbolt. Please read this manual thoroughly before installation and use to ensure proper function and safety. The COMMAX CDL-107UB is a smart deadbolt designed for enhanced home security, offering multiple access methods including Bluetooth, touchscreen keypad, RFID key tags, and a traditional mechanical key.

SAFETY INFORMATION

- Do not attempt to disassemble or repair the lock yourself. Refer to qualified service personnel.
- Use only the specified battery type (4 AA batteries). Do not mix old and new batteries or different types of batteries.
- Keep the lock away from water and direct sunlight to prevent damage.
- Ensure the door frame and door are properly aligned and secure before installation to prevent operational issues.
- In case of fire, the lock is designed to automatically unlock with warning sounds if the inside temperature rises to a certain level, for safety. This function does not activate if the outside temperature rises first.
- For emergency power supply, use a 9V battery or Micro USB 5 pin if the internal batteries are fully discharged.

PRODUCT OVERVIEW

The COMMAX CDL-107UB Smart Deadbolt features a sleek design with a responsive touchscreen keypad and multiple security features.



Figure 1: Exterior unit of the COMMAX CDL-107UB Smart Deadbolt, showing the illuminated touchscreen keypad, the COMMAX logo, and the mechanical keyhole at the bottom. The keypad displays numbers 0-9, asterisk (*), hash (#), and indicators for lock/unlock status and card reader area. There are also indicators for reset and 9V emergency power.

Key Features:

- **Multiple Access Methods:** Supports up to 30 RFID Smart Keys, 4 Passwords, Bluetooth APP, and Mechanical Key.
- **Flex Lock:** Allows switching between Automatic and Manual locking modes via a slide switch inside the inner body.
- **Dual Lock:** Enhances security by preventing external access, ideal for night-time or when extra security is required.
- **Battery Low Alert:** Provides warning light and alarm sounds when batteries are running low.
- **Emergency Power Supply:** Can be powered by a 9V battery or Micro USB 5 pin if main batteries are depleted.
- **High Temperature Detection:** Automatically unlocks the door with warning sounds in case of high internal

temperatures (e.g., fire).

SETUP AND INSTALLATION

Before beginning installation, ensure you have all components and necessary tools. Refer to the detailed installation guide provided with your product packaging for specific drilling and mounting instructions.

Pre-installation Checklist:

- Verify door thickness and backset measurements.
- Ensure the door frame is sturdy and aligned.
- Gather tools: screwdriver, tape measure, pencil, drill (if new installation).

Battery Installation:

1. Locate the battery cover on the inner body of the lock.
2. Remove the cover.
3. Insert 4 new AA alkaline batteries, ensuring correct polarity (+/-).
4. Replace the battery cover securely.

Note: The lock will emit a warning light or alarm sound when batteries are low. Replace them promptly to avoid being locked out.

OPERATING INSTRUCTIONS

Setting Passwords:

1. Open the battery cover on the inner unit.
2. Press the 'Registration' button (usually marked 'R' or 'Reg').
3. On the exterior keypad, enter your desired password (4-12 digits).
4. Press the '#' button to confirm.
5. Repeat the password and press '#' again to verify.
6. The lock will confirm successful registration with a sound or light indicator.

Note: Up to 4 passwords can be stored.

Registering RFID Smart Keys:

1. Open the battery cover on the inner unit.
2. Press the 'Registration' button.
3. Place the RFID Smart Key on the card reader area of the exterior unit.
4. The lock will confirm successful registration.
5. Repeat for additional RFID keys.

Note: Up to 30 RFID Smart Keys can be registered.

Using Bluetooth APP:

- Download the official COMMAX smart lock application from your device's app store.
- Follow the in-app instructions to pair your smartphone with the CDL-107UB lock via Bluetooth.

- Once paired, you can unlock/lock the door, manage users, and view access logs directly from the app.

Flex Lock (Automatic/Manual Mode):

The Flex Lock feature allows you to choose between automatic locking after closing the door or manual locking.

- Locate the slide switch inside the inner body of the lock.
- Slide the switch to the desired position:
 - **Automatic Mode:** The deadbolt will extend automatically a few seconds after the door is closed.
 - **Manual Mode:** The deadbolt will only lock when manually activated (e.g., by pressing the lock button on the keypad or using the app).

Dual Lock Function:

The Dual Lock feature provides an extra layer of security, preventing the door from being opened from the outside even with a valid password or RFID key. This is useful for enhanced security during the night or when you are home.

- To activate Dual Lock, locate the specific button or lever on the inner body of the lock (refer to your product diagram for exact location).
- Engage the Dual Lock. The lock will then only be operable from the inside.
- To deactivate, disengage the Dual Lock button/lever.

MAINTENANCE

- **Battery Replacement:** Replace all 4 AA batteries when the low battery alert is triggered. Do not wait until they are fully depleted.
- **Cleaning:** Wipe the exterior unit with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.
- **Mechanical Key:** Keep the mechanical key in a safe, accessible location outside the property for emergency access.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lock does not respond to keypad/RFID.	Low batteries; incorrect password/RFID; system error.	Replace batteries; re-enter password carefully; re-register RFID key; perform a system reset (refer to manual for reset procedure).
Lock does not engage/disengage smoothly.	Misalignment of door/frame; obstruction; faulty mechanism.	Check door alignment; remove any obstructions; if problem persists, contact customer support.
Battery low alert constantly on.	Batteries are low or incorrect type.	Replace all 4 AA alkaline batteries with new ones.
Cannot connect via Bluetooth APP.	Bluetooth is off on phone; app not updated; lock not in pairing mode.	Ensure Bluetooth is enabled on your device; update the app; follow app instructions to put lock in pairing mode.

Problem	Possible Cause	Solution
Lock automatically unlocks during high temperature.	This is a safety feature.	This is normal operation in case of fire or high internal temperature. Ensure the environment is safe before re-engaging the lock.

SPECIFICATIONS

Feature	Detail
Model Number	CDL-107UB
Brand	ComMax
Access Methods	Bluetooth APP, Touchscreen Keypad, RFID Key Tags, Mechanical Key
Password Capacity	Up to 4 passwords
RFID Key Capacity	Up to 30 RFID Smart Keys
Power Source	4 x AA Alkaline batteries
Emergency Power	9V battery or Micro USB 5 pin
Special Features	Flex Lock (Auto/Manual), Dual Lock, Battery Low Alert, High Temperature Detection
Connectivity Protocol	Bluetooth
Item Weight	1.41 kg
Dimensions (Parcel)	26 x 23 x 9 cm

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official ComMax website. Keep your purchase receipt as proof of purchase for warranty claims.

ComMax Official Website: www.commax.com (Please note: This is a placeholder link, verify the actual official website for ComMax products if available).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question