

ComMax CDL-800WL

COMMAX CDL-800WL Digital Lever Lock User Manual

Model: CDL-800WL | Brand: ComMax

1. PRODUCT OVERVIEW

The COMMAX CDL-800WL is an advanced digital lever lock designed for enhanced home security. It integrates multiple authentication methods, including biometric fingerprint recognition and a hidden touchscreen keypad, offering convenience and robust protection. This lock also features a dual lock mechanism for added security and a flexible mode for automatic or manual locking.

Key Features:

- **Multiple Access Methods:** Supports up to 100 fingerprints and 4 password codes.
- **Flex Lock Function:** Easily switch between automatic and manual locking modes from the inner body.
- **Dual Lock Security:** Provides an additional layer of security, preventing external access when engaged.
- **Low Battery Alert:** Notifies users with warning lights or alarm sounds when batteries are low.
- **Emergency Power Supply:** Allows temporary power via a 9V battery or Micro USB 5-pin in case of full battery discharge.
- **High Temperature Detection:** Automatically unlocks the door with warning sounds if the internal temperature rises significantly due to fire, enhancing safety.



Figure 1: COMMAX CDL-800WL Digital Lever Lock, showcasing its sleek design and integrated keypad.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use to prevent injury or damage to the product. Keep this manual for future reference.

- Do not attempt to disassemble or modify the lock. This may void the warranty and cause malfunction.
- Avoid exposing the lock to direct water or excessive humidity.
- Use only specified batteries (4 AA batteries). Do not mix old and new batteries or different types of batteries.
- Ensure proper polarity when inserting batteries.
- The high temperature detection feature is designed for internal temperature rise. It may not activate if the external temperature rises first.
- Keep fingers and foreign objects away from moving parts during operation.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Outer Body Assembly (with keypad and fingerprint sensor)
- Inner Body Assembly (with battery compartment and control buttons)
- Latch Bolt
- Strike Plate
- Mounting Screws
- Installation Template
- User Manual

4. PRODUCT COMPONENTS

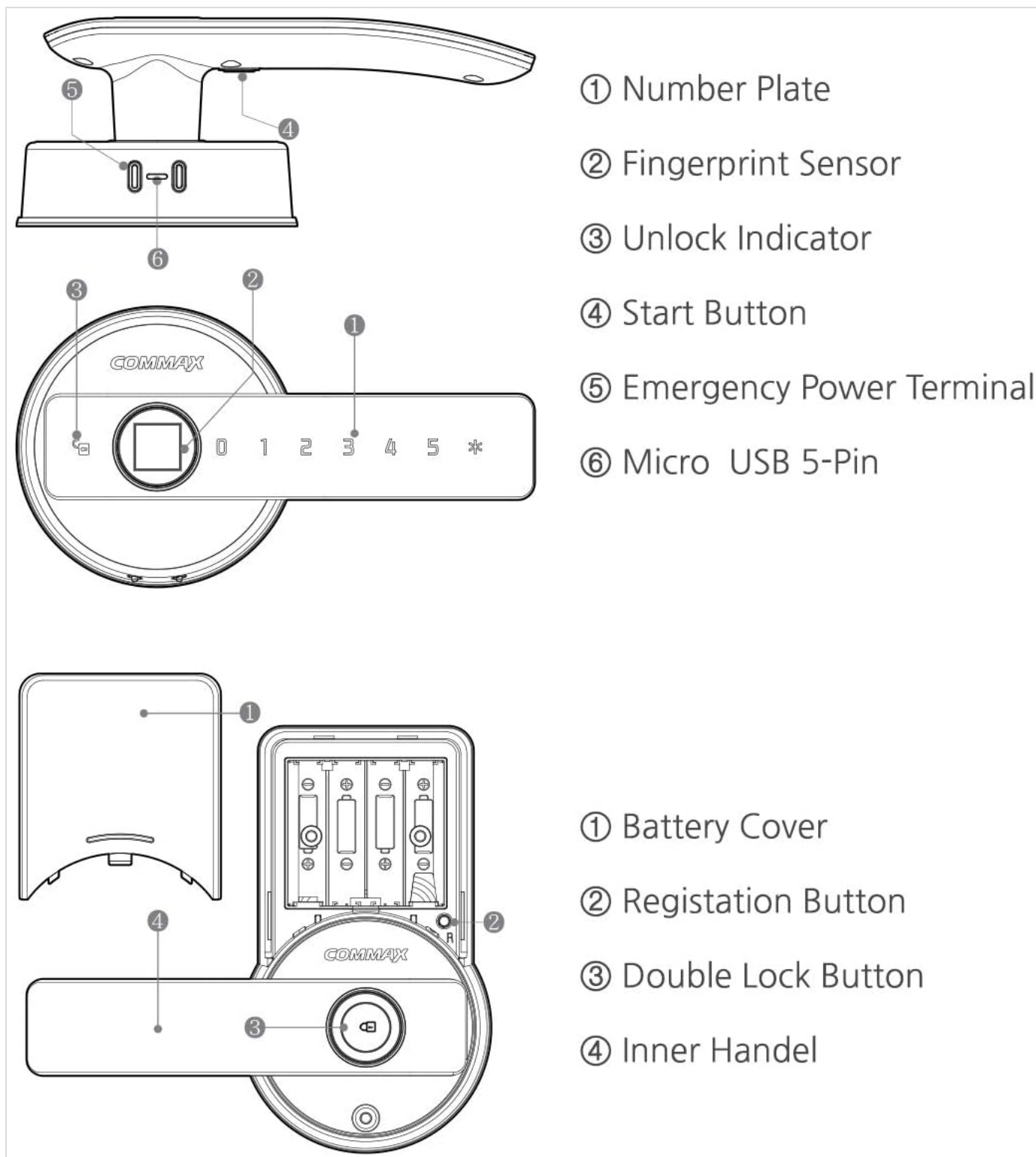


Figure 2: Detailed diagram of the COMMAX CDL-800WL lock, highlighting key external and internal components.

External Components:

1. Number Plate (Hidden Touchscreen Keypad)
2. Fingerprint Sensor
3. Unlock Indicator
4. Start Button
5. Emergency Power Terminal (for 9V battery)
6. Micro USB 5-Pin (for emergency power)

Internal Components:

1. Battery Cover
2. Registration Button
3. Double Lock Button
4. Inner Handle

5. SETUP AND INSTALLATION

Installation typically involves preparing the door, installing the latch, and then mounting the outer and inner lock bodies. It is recommended to follow the detailed steps provided in the included installation template and manual for precise fitting.

General Steps:

1. **Prepare the Door:** Ensure the door is properly drilled according to the provided template for the latch and lock bodies.
2. **Install Latch Bolt:** Insert the latch bolt into the door edge and secure it with screws.
3. **Install Outer Body:** Position the outer body on the exterior side of the door, feeding the spindle and wires through the door hole.
4. **Install Inner Body:** Connect the wires from the outer body to the inner body. Mount the inner body on the interior side of the door, aligning it with the outer body and securing with screws.
5. **Insert Batteries:** Open the battery cover on the inner body and insert 4 AA batteries, observing correct polarity.
6. **Test Operation:** After installation, test all functions (keypad, fingerprint, handles) to ensure proper operation before closing the door.

6. OPERATING INSTRUCTIONS

Access Methods:



Figure 3: Illustrates the sequence of operation: touching the keypad, fingerprint recognition, and opening the lock.

A. Fingerprint Recognition:

- **Registration:** Press the Registration Button on the inner body. Follow the voice prompts or indicator lights to scan your finger multiple times until registered. Up to 100 fingerprints can be stored.
- **Unlocking:** Place your registered finger firmly on the fingerprint sensor. The lock will unlock if the fingerprint is recognized.

B. Passcode Entry:

- **Setting Passcode:** Press the Registration Button. Enter your desired 4-digit passcode on the hidden touchscreen keypad, followed by the '**' button. Up to 4 passcodes can be set.
- **Unlocking:** Touch the keypad area to activate it. Enter your registered passcode, then press the '**' button. The lock will unlock.

Flex Lock Function:

The Flex Lock feature allows you to switch between automatic and manual locking modes. Locate the slide switch inside

the inner body. Sliding it to one position enables automatic locking (the door locks automatically after closing), while the other position enables manual locking (the door remains unlocked until manually locked).

Dual Lock Function:

To activate the Dual Lock, press the Double Lock Button on the inner body. This feature provides an additional layer of security, preventing the door from being opened from the outside, even with a valid fingerprint or passcode. It is ideal for times when extra security is desired, such as at night.

Emergency Power Supply:

If the batteries are completely discharged and the lock cannot be operated, you can provide emergency power using a 9V battery or a Micro USB 5-pin cable. Connect the 9V battery to the Emergency Power Terminal or the Micro USB cable to the Micro USB 5-Pin port on the outer body. This will temporarily power the lock, allowing you to enter your fingerprint or passcode to unlock the door.

7. MAINTENANCE

Battery Replacement:

The lock requires 4 AA batteries. When the batteries are running low, the lock will provide a warning through indicator lights or alarm sounds. Replace all four batteries promptly to ensure continuous operation. Always use new, high-quality alkaline AA batteries.

Cleaning:

Clean the lock's surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the finish or internal components. Regularly wipe the fingerprint sensor to ensure optimal performance.

8. TROUBLESHOOTING

- **Lock not responding / No power:** Check if batteries are inserted correctly and are not depleted. Replace batteries if necessary. Use the emergency power supply feature (9V battery or Micro USB) if batteries are completely dead.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Try repositioning your finger on the sensor. If issues persist, re-register your fingerprint. Ensure the sensor is clean.
- **Keypad not lighting up / responding:** Touch the keypad area firmly to activate it. If it still doesn't respond, check battery levels.
- **Lock does not engage/disengage:** Check for any obstructions in the door frame or latch area. Ensure the lock is properly aligned with the strike plate. Verify that the Flex Lock mode is set as desired (automatic/manual).
- **Alarm sounds continuously:** This may indicate a low battery warning or a tamper attempt. Check battery levels first.
- **High Temperature Alarm:** If the lock sounds an alarm and unlocks automatically, it indicates the internal temperature has risen significantly. This is a safety feature.

9. SPECIFICATIONS

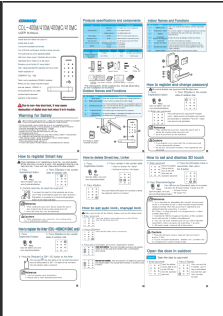
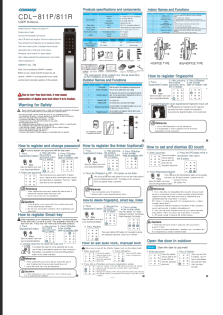
Feature	Specification
Brand	ComMax
Model Number	CDL-800WL

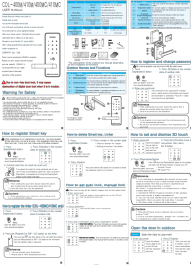
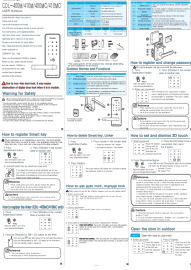
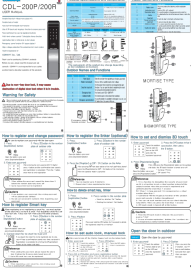
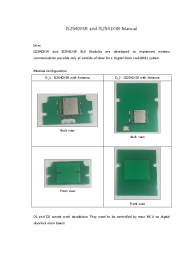
Feature	Specification
Lock Type	Biometric, Keypad
Material	Metal
Color	Silver
Access Methods	Up to 100 Fingerprints, 4 Passcodes
Power Source	4 AA batteries (required)
Emergency Power	9V battery, Micro USB 5-pin
Item Weight	1 pound (approx. 16 ounces)
Package Dimensions	11.3 x 10.2 x 4.02 inches
Connectivity Protocol	Wi-Fi

10. WARRANTY AND SUPPORT

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

Related Documents - CDL-800WL

	<p>COMMAX CDL-400M/410M Series Digital Door Lock User Manual</p> <p>Comprehensive user manual for the COMMAX CDL-400M, CDL-410M, CDL-400MC, and CDL-410MC digital door locks, covering product features, specifications, operation, and safety. Learn how to register passwords, smart keys, set auto locks, and utilize advanced security features.</p>
	<p>COMMAX CDL-811P/811R Digital Door Lock User Manual</p> <p>Comprehensive user manual for the COMMAX CDL-811P and CDL-811R digital door locks, detailing features, operation, registration of fingerprints, smart keys, and passwords, security functions, and troubleshooting guidance.</p>

	<p>COMMAX CDL-400M/410M/400MC/410MC User Manual</p> <p>User manual for COMMAX CDL-400M/410M/400MC/410MC digital door locks, covering features, installation, operation, and troubleshooting.</p>
	<p>COMMAX CDL-400M/410M/400MC/410MC User Manual</p> <p>User manual for COMMAX CDL-400M, CDL-410M, CDL-400MC, and CDL-410M digital door locks. Covers features, installation, operation, and troubleshooting.</p>
	<p>COMMAX CDL-200P/200R Digital Door Lock User Manual</p> <p>Comprehensive user manual for the COMMAX CDL-200P/200R digital door lock, covering installation, operation, features, and troubleshooting.</p>
	<p>IS2540XSR and IS2541XSR BLE Modules for Digital Door Locks</p> <p>This document provides an overview and connection guide for the IS2540XSR and IS2541XSR BLE Modules, designed for wireless communication in Digital Door Lock systems.</p>