LOQRON L22

LOQRON L22 Smart Lock Keyless Entry Door Lock Instruction Manual

Model: L22

1. INTRODUCTION

Thank you for choosing the LOQRON L22 Smart Lock. This manual provides essential information for the proper installation, operation, and maintenance of your new smart lock. Please read these instructions carefully before installation and keep them for future reference.

2. SAFETY INFORMATION

- Do not attempt to disassemble or repair the lock yourself. This may void the warranty and cause damage.
- Use only the specified battery type (4 x AA alkaline batteries). Do not mix old and new batteries or different types of batteries.
- Keep mechanical keys in a safe place outside your home.
- Ensure all components are securely fastened during installation to prevent malfunction.
- Protect your passcodes and eKeys. Do not share them with unauthorized individuals.

3. PACKAGE CONTENTS

Please verify that all parts are included in your package:

- Exterior Keypad Assembly
- Interior Assembly
- Deadbolt Latch
- Mounting Plate
- Strike Plate
- Screws and Fasteners
- Mechanical Keys (2)
- IC Cards (2)

- Installation Guide (this manual)

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your LOQRON L22 Smart Lock.

4.1 Prepare the Door

Ensure your door is prepared for installation. The deadbolt should always be in the PULL IN position before installation.

Image: Installation dimensions and hole location diagram for the LOQRON L22 Smart Lock.

4.2 Install the Deadbolt Latch

Insert the deadbolt latch into the door edge. Secure it with the provided screws. Ensure the deadbolt is in the retracted (pulled in) position.

4.3 Determine Door Handing

Identify if your door is left-handed or right-handed. This is crucial for the correct orientation of the internal

mechanism.

Image: Diagram illustrating how to determine if a door is left-handed or right-handed by observing hinge placement.

4.4 Adjust the Spindle Direction

Based on your door's handing, adjust the spindle on the interior assembly. For a right-handed door, the arrow on the PCB board should point to 'R'. For a left-handed door, it should point to 'L'. The spindle must always be horizontal.

Image: Diagram showing the correct spindle orientation for left-handed and right-handed doors.

4.5 Install Exterior Keypad and Mounting Plate

Feed the cable from the exterior keypad through the door hole. Align the keypad with the deadbolt and secure the mounting plate on the interior side with screws.

4.6 Connect Cables and Install Interior Assembly

Connect the cable from the exterior keypad to the interior assembly. Carefully tuck the wires into the door. Mount the interior assembly onto the mounting plate and secure it with screws.

4.7 Install Batteries

Insert four (4) AA alkaline batteries into the battery compartment of the interior assembly. Ensure correct polarity.

4.8 Test the Lock

After installation, test the lock using the mechanical key and the thumb turn to ensure smooth operation.
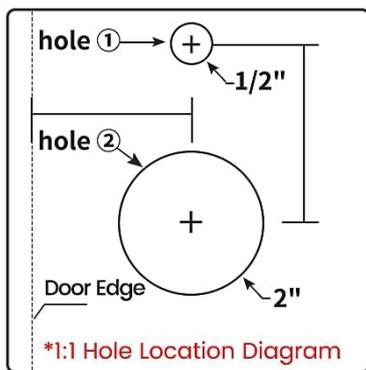
Your browser does not support the video tag.

Video: Detailed installation guide for the LOQRON L22 Smart Lock.

5. OPERATING INSTRUCTIONS

The LOQRON L22 Smart Lock offers multiple ways to unlock and secure your door.

Easier Installation for *No Extra Drilling Required.*

2 ⅜" or 2 ¾"

2"

35–55mm

68mm

hole ① → + 1/2"

hole ② + 2"

Door Edge

***1:1 Hole Location Diagram**

Reserving the extra holes to fasten your door lock, but it's optional.
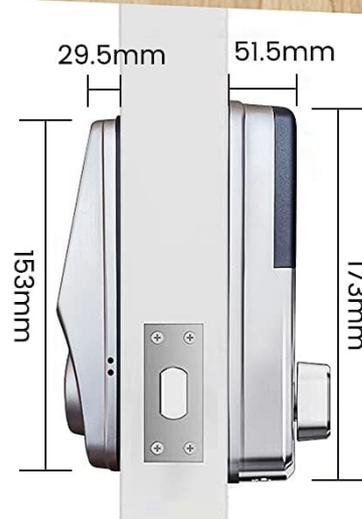
29.5mm 51.5mm

153mm 173mm

Image: Overview of the multiple unlocking methods available for the LOQRON L22 Smart Lock.

5.1 Unlocking Methods

- **Keypad Passcode:** Enter your 6-9 digit passcode on the keypad, then press '#'.
- **Anti-Peep Function:** To prevent others from seeing your passcode, you can enter random digits before or after your actual passcode. For example, if your passcode is 123456, you can enter 987+123456+321 then '#'. The lock will still recognize the correct sequence within the longer entry.
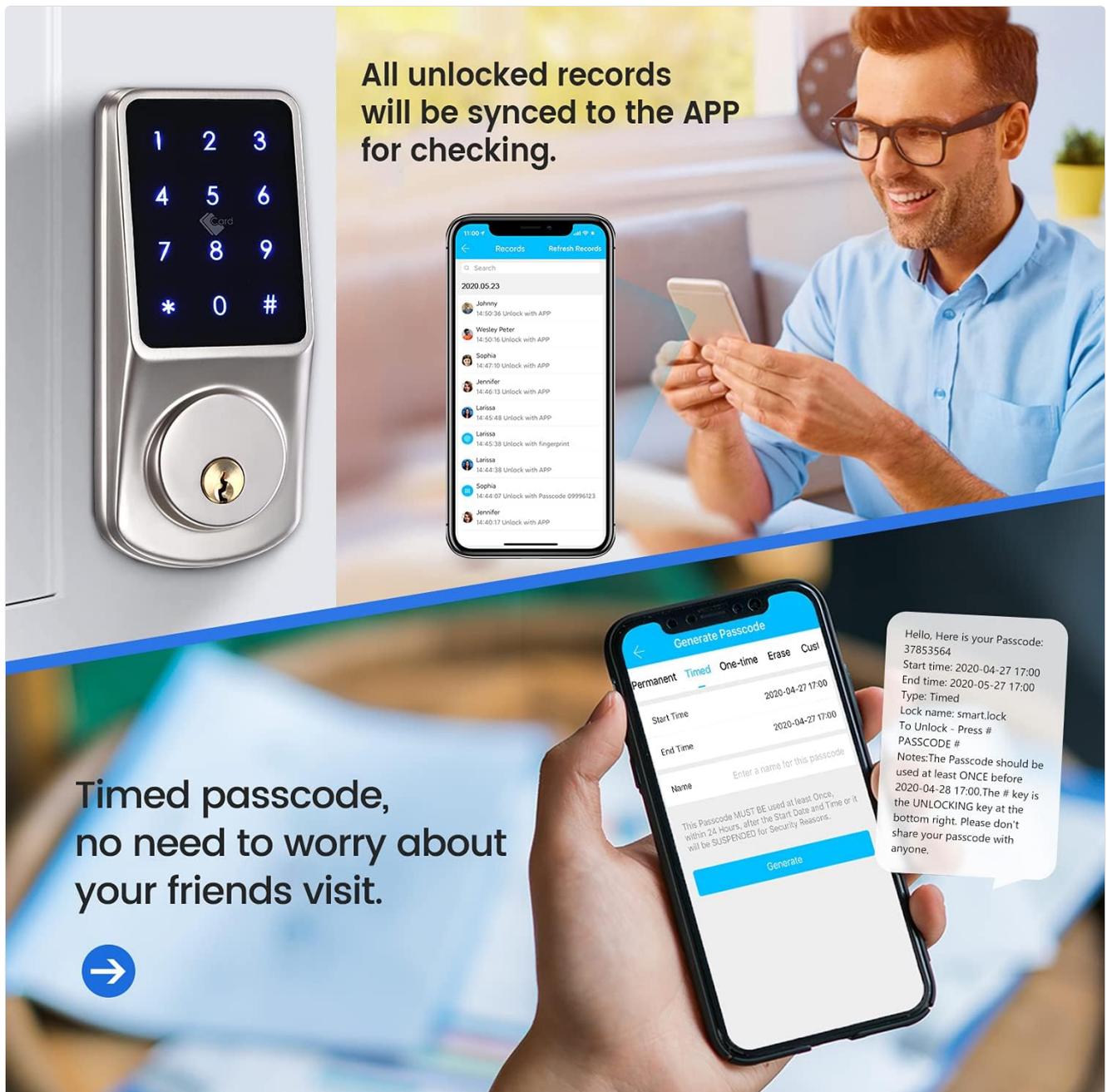
Image: Illustration of the Anti-Peep Password feature for enhanced security.

- **IC Card:** Tap a registered IC card on the keypad to unlock.
- **TTLock App:** Use the TTLock mobile application to unlock the door via Bluetooth.
- **Mechanical Key:** In case of emergency or battery depletion, use the provided mechanical key to unlock the door.

5.2 Locking Methods

- **Auto-Lock:** The lock will automatically re-lock after a set period (configurable via the TTLock app).
- **Manual Lock:** Press and hold the '#' key on the keypad for 2 seconds to manually lock the door from the outside.

Image: Manual locking instruction by pressing the '#' button.

5.3 TTLock App Features

The TTLock app provides advanced control and management of your smart lock.

- **Generate Passcodes:** Create various types of passcodes:

  - **Permanent:** Always active.
  - **Timed:** Active only during specified dates and times.
  - **One-time:** Valid for a single use within a short period.
  - **Recurring:** Active on specific days of the week or intervals.

- **Send eKeys:** Grant access to others by sending eKeys to their TTLock app accounts.
- **View Records:** Monitor unlock history and access logs.
- **User Management:** Add, modify, or delete users and their access permissions.

Auto Locking

Emergency Unlock

Using your MicoUSB powerbank to charge the smart lock for emergency unlocking
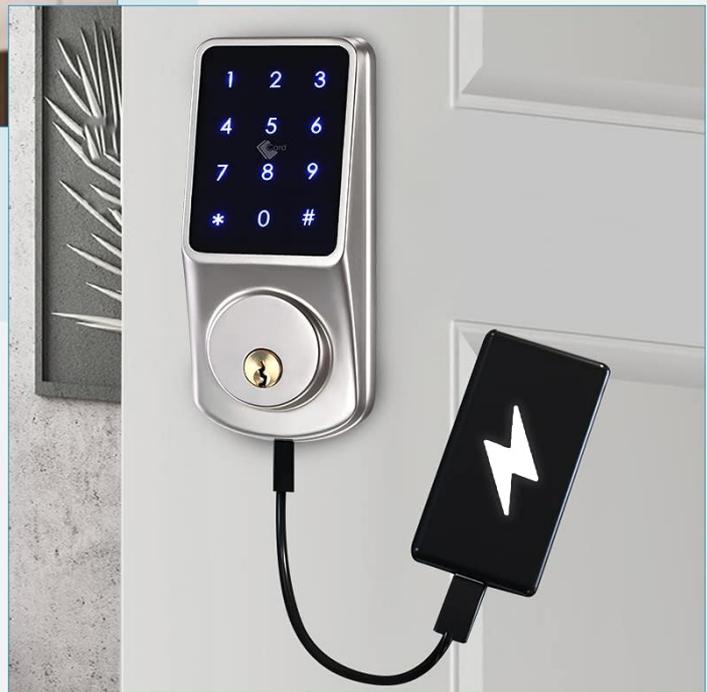
Image: TTLock app interface for managing timed passcodes and viewing unlock records.

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Video: Instructions on how to program passcodes using the TTLock App.

Your browser does not support the video tag.

Video: Guide on how to unlock the door using an eKey and send eKeys via the TTLock App.

5.4 Deadlock Function

The lock features a deadlock function for enhanced security from the inside. To activate, press the deadlock button for 2 seconds. To cancel, press the deadlock button for 2 seconds and rotate the thumb knob of the back panel once.

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Video: Demonstration of the deadlock function for inside security.

6. MAINTENANCE

6.1 Battery Replacement

When the battery level is low, the lock will provide an audible warning. Replace all four AA batteries promptly. Do not use rechargeable batteries.

6.2 Cleaning

Clean the lock's exterior with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.

6.3 Weather Resistance

The LOQRON L22 is designed to be weatherproof (IP55 rated) and can withstand temperatures from -4°F/-20°C to 122°F/50°C.

Image: LOQRON L22 Smart Lock highlighting its weatherproof and temperature resistance features.

7. TROUBLESHOOTING

- **Lock not responding:** Check battery levels. If batteries are dead, use the mechanical key or connect a power bank to the emergency Micro USB port for temporary power.

- **Passcode not working:** Ensure you are entering the correct passcode. Try using the anti-peep function. If still unsuccessful, reset the passcode via the TTLock app.

- **App connection issues:** Ensure Bluetooth is enabled on your phone and you are within range of the lock. Restart the app or your phone if necessary.

- **Emergency Unlock:** If the batteries are completely drained, connect a Micro USB power bank to the emergency power port located at the bottom of the exterior keypad to temporarily power the lock and gain entry.

High-hardness Arcylic, all-weather protection and durable for long years.

122°F/50°C   -4°F/-20°C

IP55

Image: Emergency unlock method using a Micro USB power bank.

8. SPECIFICATIONS

Feature	Detail
Brand	LOQRON
Model Number	L22
Lock Type	Keypad, Electronic Deadbolt
Material	Aluminum
Connectivity Protocol	Bluetooth
Control Method	App (TTLock), Hand Control, Mechanical Knob
Special Features	Smart Lock, Waterproof (IP55), Wi-Fi (with optional gateway), Anti-Peep, Auto Lock

Feature	Detail
Recommended Uses	Security for Home, Bedroom, Office, Apartment
Item Weight	2.47 pounds
Package Dimensions	8.78 x 8.19 x 3.31 inches

9. WARRANTY AND SUPPORT

LOQRON products are designed for durability and reliability. For warranty information, please refer to the product packaging or contact LOQRON customer support directly.

If you encounter any issues or have questions regarding your LOQRON L22 Smart Lock, please contact our customer support team:

- **Online Support:** Visit the official LOQRON website for FAQs and support resources.
- **Email Support:** [Insert Customer Support Email Address Here]
- **Phone Support:** [Insert Customer Support Phone Number Here]

Please have your product model (L22) and purchase information ready when contacting support.