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- › [LAVNA](#) /
- › LAVNA LE50 Smart Electronic Metal Door Lock User Manual

LAVNA LE50

LAVNA LE50 Smart Electronic Metal Door Lock User Manual

Model: LE50 | Brand: LAVNA

1. INTRODUCTION

The LAVNA LE50 Smart Electronic Metal Door Lock provides advanced security and convenient access for your home or office. This lock integrates multiple unlocking methods including fingerprint, mobile app, RFID card, PIN, and a traditional mechanical key, offering a versatile and secure solution for metal doors. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your smart lock.

2. SAFETY INFORMATION

Important Safety Notice:

- The lock requires electricity to function. Always carry a manual key for emergency access, especially if no one is at home to provide power or assistance.
- Warranty coverage is provided Off-Site. Please refer to your warranty documentation for details.

3. PRODUCT FEATURES

- **Fingerprint Unlocking:** Features a 360° fingerprint sensor with 0.4-second unlocking speed. Supports registration of up to 100 unique fingerprints.
- **Mobile Application Control:** Full operation via a mobile app, allowing user management (add/delete), unlocking records, and Bluetooth unlocking.
- **RFID Card Access:** Up to 100 RFID cards can be registered for secure entry.
- **PIN Code Entry:** Register up to 100 PIN codes using the responsive touch keypad.
- **OTP Unlock:** Generate one-time passwords remotely for temporary guest access.
- **Mechanical Key:** Includes a computerized mechanical key for traditional backup unlocking.

4. PACKAGE CONTENTS

Upon unpacking your LAVNA LE50 Smart Electronic Metal Door Lock, please ensure all components are present:

- LAVNA LE50 Smart Electronic Metal Door Lock Unit (Front and Rear Panels)
- Mortise Lock Body
- Mechanical Keys (typically 2-3)
- RFID Cards (typically 2)
- Installation Screws and Accessories
- User Manual (this document)

5. INSTALLATION GUIDE

Proper installation is crucial for the optimal performance and security of your LAVNA LE50 lock. This lock is designed for metal doors and is universal for left or right-hand opening, inward or outward swinging doors.

5.1 Pre-Installation Checks

- **Door Type:** Ideal for metal doors.
- **Door Thickness:** Suitable for doors with a thickness of 25mm and above.
- **Panel Compatibility:** Universal panel suitable for both left and right-hand doors.
- **Door Clearance:** The distance between the main door and any safety door should be at least 55mm.

THINGS TO CHECK BEFORE BUYING



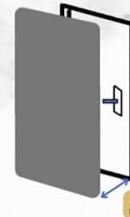
Get Customer support on Call & Video call for installation online assistance



Ideal for Metal doors only with a thickness **25mm** and above.



Universal Panel suitable for left and right doors.



Distance between main door and safety door should be at least **55mm**

Do it yourself

Installation

Connect with LAVNA's Customer care for complete lock online assistance. This lock is very easy to install, any normal welder can install this lock on the Metal doors, for his help our customer care team will share a complete installation video and also assist on a Live Video Call.

LAVNA Customer care Whatsapp video Calling
No. : @9667771077 or 1800-313-4491

Image: Essential checks before installing the LAVNA LE50 Smart Lock, including door thickness, panel type, and required clearance.

5.2 Installation Assistance

While the lock is designed for straightforward installation, professional assistance is recommended to ensure correct setup. LAVNA provides comprehensive customer support for installation:

- **Online Assistance:** Connect with LAVNA's customer care team for complete lock online assistance.
- **Installation Video:** A detailed installation video will be shared to guide you through the process.
- **Live Video Call:** Customer care can also assist you via a live video call for real-time guidance.

LAVNA Customer Care Contact:

WhatsApp Video Calling No.: [9667771077](https://wa.me/9667771077)

Toll-Free No.: [1800-313-4491](tel:1800-313-4491)

6. OPERATING INSTRUCTIONS

The LAVNA LE50 Smart Lock offers multiple convenient ways to unlock your door.

6.1 Unlocking Methods

- **Fingerprint Access:** Place your registered finger on the fingerprint sensor. The lock will unlock within 0.4 seconds upon successful recognition.
- **Mobile App Access:** Use the dedicated mobile application to unlock the door via Bluetooth when within range (4-5 meters).
- **PIN Code Access:** Enter your registered PIN code on the touch keypad, followed by the '#' key to confirm.
- **RFID Card Access:** Present a registered RFID card to the card reader area on the lock.
- **OTP Access:** Generate a one-time password through the mobile app and provide it to guests for temporary access.
- **Mechanical Key Access:** In case of emergencies or power failure, insert the mechanical key into the keyhole and turn to unlock.



Image: Overview of the 6 access methods for the LAVNA LE50 Smart Lock, including fingerprint, mobile app, PIN, RFID card, OTP, and mechanical key.

6.2 Bluetooth Technology Benefits

The integrated Bluetooth technology enhances the functionality and convenience of your smart lock:

- Add or delete fingerprints directly via the mobile app.
- Set or change PIN codes using the mobile app.
- Unlock the door remotely within Bluetooth range (4-5 meters).
- Generate OTPs from anywhere, anytime, for guest access.
- Review past unlocking records for security monitoring.
- Add or delete RFID cards via the mobile app.
- Time-based access allows setting limited access periods for specific users, such as household help.

BLUETOOTH TECHNOLOGY

Benefits Of This Technology

-  **Add/Del Fingerprint by Mobile App & Specify Name of Each Person in App**
-  **Set / Change PIN by Mobile App**
-  **Unlock remotely within the bluetooth range (4-5 M)**
-  **Generate OTP by Mobile App from Anywhere, Anytime**
-  **Check Past Unlocking Records**
-  **Add/Del Card by Mobile App & Specify There Name.**
-  **Time Based Access Allows Limited Time Period Access For Your House Help.**

TIP
Without Bluetooth technology in mobile app, setting up could become complicated.

Image: Benefits of Bluetooth technology for the LAVNA LE50 Smart Lock, highlighting mobile app control for various access methods and monitoring.

7. MOBILE APPLICATION SETUP AND USAGE

The LAVNA mobile application is essential for managing your smart lock's advanced features. Download the app from your device's app store (iOS App Store or Google Play Store).

7.1 Initial Pairing

1. Ensure Bluetooth is enabled on your smartphone.

2. Open the LAVNA app and follow the on-screen instructions to add a new device.
3. The app will guide you through the pairing process, typically involving a specific action on the lock (e.g., pressing a button or entering a default code).

7.2 App Functions

- **User Management:** Add new users, assign fingerprints, PINs, or RFID cards. Delete existing users.
- **Access Logs:** View a history of who unlocked the door and when.
- **Remote Unlocking:** Unlock the door via Bluetooth from your phone when nearby.
- **OTP Generation:** Create temporary one-time passwords for visitors.
- **Settings:** Adjust lock settings, such as volume, auto-lock timer, and language.

8. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your smart lock.

- **Battery Replacement:** The lock is powered by batteries. When the battery level is low, the lock will provide an audible or visual alert. Replace all batteries simultaneously with new, high-quality alkaline batteries. Do not mix old and new batteries or different battery types.
- **Cleaning:** Wipe the lock's exterior surfaces with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.
- **Sensor Care:** Keep the fingerprint sensor and keypad clean and free from dirt, dust, or moisture to ensure accurate recognition.

9. TROUBLESHOOTING

If you encounter issues with your LAVNA LE50 Smart Lock, refer to the following common problems and solutions:

- **Lock Not Responding:** Check the battery level. If batteries are low or depleted, replace them immediately. Ensure the lock is properly installed and all connections are secure.
- **Fingerprint Not Recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint if the issue persists. Ensure the sensor is clean.
- **PIN Code Not Working:** Verify that the correct PIN is being entered. Ensure the keypad is clean and responsive.
- **RFID Card Not Working:** Ensure the RFID card is properly registered. Try presenting the card to the reader from different angles.
- **Mobile App Connectivity Issues:** Ensure Bluetooth is enabled on your phone and you are within the lock's Bluetooth range. Restart the app or your phone if necessary.
- **Lock Makes Continuous Sound:** This may indicate a low battery warning or a system glitch. Replace batteries first. If the issue persists, contact customer support.
- **Lock Does Not Unlock:** If all electronic methods fail, use the mechanical key for emergency access.

For persistent issues or problems not listed here, please contact LAVNA customer support.

10. PRODUCT SPECIFICATIONS

Specification	Detail
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Brand	LAVNA
Model Number	LOCK_LE50_a
Special Features	Fingerprint, Mobile app, PIN, RFID Card, Manual Key
Lock Type	Biometric RIM Lock
Material	Metal
Item Dimensions (L x W x H)	34 x 60 x 170 Millimeters
Product Dimensions	3.4 x 6 x 17 cm; 18.47 kg
Item Weight	18 kg 500 g
Recommended Uses	Home & Office
Colour	Black
Finish Type	Polished
Connectivity Protocol	Bluetooth
Control Method	Touch
Country of Origin	India

11. WARRANTY AND SUPPORT

LAVNA provides support for its products to ensure customer satisfaction.

11.1 Warranty Information

The LAVNA LE50 Smart Electronic Metal Door Lock comes with a warranty that covers off-site service. Please retain your purchase receipt and refer to the warranty card included with your product for specific terms, conditions, and duration of coverage.

11.2 Customer Support

For any queries, technical assistance, or warranty claims, please contact LAVNA customer support:

WhatsApp Video Calling No.: [9667771077](tel:9667771077)

Toll-Free No.: [1800-313-4491](tel:1800-313-4491)

Online Support: Visit the official LAVNA website for FAQs and additional resources.