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> Makayuron Smart Door Lock M305TTBle Instruction Manual

Makayuron M305TTBle

Makayuron Smart Door Lock M305TTBle User Manual

Model: M305TTBle

1. INTRODUCTION

Thank you for choosing the Makayuron Smart Door Lock M305TTBle. This smart lock offers advanced security and convenience with multiple access methods. This manual provides essential information for the proper installation, operation, and maintenance of your new smart lock. Please read it thoroughly before use.

2. SAFETY INFORMATION

- **Important Pre-Installation Step:** Before permanently installing the smart door lock on your door, it is crucial to connect it to your mobile phone first. This ensures all functions are working correctly. We recommend completing the pairing and testing process before proceeding with permanent installation.
- Ensure the lock is installed on doors with a thickness between 35mm and 65mm for optimal performance and security.
- Do not expose the lock to extreme temperatures or direct water contact.
- Use only the specified AA batteries. Do not mix old and new batteries or different types of batteries.
- Keep mechanical keys in a safe place outside your home for emergency access.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Smart Door Lock Assembly
- 4 x AA Batteries
- 7 x Access Cards
- User Manual (this document)
- Installation Accessories (screws, spindle, etc.)

4. PRODUCT OVERVIEW

The Makayuron Smart Door Lock M305TTBLE offers five convenient ways to unlock your door, ensuring flexible and secure access for various users and situations.



Figure 4.1: Multiple Ways to Unlock

This image illustrates the five primary methods for unlocking the Makayuron Smart Door Lock: via the TT Lock app, fingerprint recognition, numerical code entry, RFID cards, and traditional mechanical keys.

4.1. Key Features

- **5-in-1 Access:** Unlock using Fingerprint, TT Lock App (Bluetooth), Passcode, RFID Card, or Mechanical Key.
- **High-Security Fingerprint Sensor:** Fast and reliable fingerprint recognition with a response time of less than 0.3 seconds and a high success rate. Supports up to 100 unique fingerprints.
- **TT Lock App Control:** Manage access remotely, generate one-time, timed, or permanent passcodes, grant access, and view access history from your smartphone.
- **Emergency Backup:** Includes a mechanical key override and an emergency USB power supply port for situations where batteries are depleted.

- **Durable Construction:** Made from aluminum with a polished glossy finish, designed for modern homes and offices.
- **Long Battery Life:** Powered by 4 AA batteries, providing approximately 8 months of usage depending on actual use and environmental factors.

Fingerprint Quick Unlock
فتح سريع ببصمة الإصبع

100× Fingerprints
بصمات الأصابع

<0.3S Recognition Time
وقت التعرف

≥99% Success Rate
معدل النجاح

Makayuron

Figure 4.2: Fingerprint Quick Unlock

This image demonstrates the speed and efficiency of the fingerprint sensor, capable of recognizing fingerprints in under 0.3 seconds with a high success rate.

Easily Control With APP

التحكم عبر التطبيق



Keyless Entry

دخول بدون مفتاح



Grant Access

منح صلاحية دخول



Generate Passcode Remotely

توليد رمز عن بُعد



View History

عرض السجل

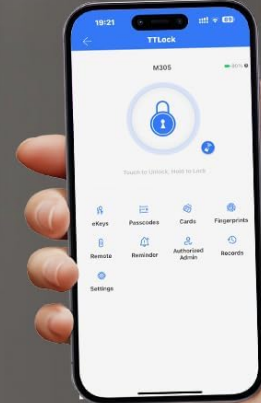


Figure 4.3: Easily Control With APP

This image highlights the convenience of managing the smart lock via the TT Lock application, allowing users to control keyless entry, grant access, generate passcodes remotely, and view access logs.

5. SETUP AND INSTALLATION

This section provides general guidelines for setting up your Makayuron Smart Door Lock. For detailed step-by-step installation instructions, please refer to the separate installation guide included in your package.

5.1. Pre-Installation Check

- Ensure your door thickness is between 35mm and 65mm.
- Verify all package contents are present and undamaged.
- **Crucial Step:** Before mounting the lock on the door, insert the batteries and pair the lock with the TT Lock app on your mobile phone. Test all unlocking functions (fingerprint, passcode, card, app) to ensure they operate correctly. This helps identify any issues before permanent installation.

5.2. Mechanical Installation

Follow the detailed instructions in the separate installation guide for drilling holes, installing the mortise, and mounting the interior and exterior panels of the lock. Ensure all cables are connected correctly and securely.

6. OPERATING INSTRUCTIONS

Your Makayuron Smart Door Lock offers multiple ways to secure and access your property.

6.1. Unlocking Methods

- **Fingerprint Unlock:** Place your registered finger on the fingerprint sensor. The lock will unlock if the fingerprint is recognized.
- **Passcode Unlock:** Enter your registered passcode on the keypad, then press the '#' key.
- **Card Unlock:** Present a registered RFID card to the card reader area on the lock.
- **TT Lock App Unlock (Bluetooth):** Open the TT Lock app on your smartphone, ensure Bluetooth is enabled, and tap the unlock icon when near the lock.
- **Mechanical Key Unlock:** Insert the mechanical key into the backup keyhole and turn to unlock. This method is for emergency use.



Figure 6.1: Code Unlock - Guest Friendly

This image demonstrates how to generate and use temporary passcodes via the TT Lock app, making it easy to provide access to guests or service providers.

6.2. Locking the Door

The lock features an automatic deadbolt mechanism. After closing the door, the deadbolt will engage automatically to secure your home. You can also manually lock it from the inside by turning the knob or handle, or via the app.



Figure 6.2: Secure Your Home

This image highlights the robust deadbolt mechanism and the 'Trial and Error Alarm' feature, which activates after multiple incorrect attempts, enhancing the security of your home.

6.3. TT Lock App Functions

- **User Management:** Add, modify, or delete fingerprints, passcodes, and cards.
- **Passcode Generation:** Create permanent, timed, one-time, or recurring passcodes for different users (e.g., family, visitors, cleaners, workers).
- **Access Logs:** View a history of who entered and when.
- **Remote Control:** With a compatible gateway (sold separately), you can control the lock remotely over Wi-Fi.
- **Settings:** Adjust lock settings, such as auto-lock timer and volume.

Smart Codes for Smart Living

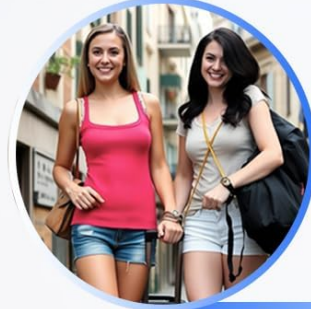
أنظمة مرور ذكية لحياة ذكية



Family

Permanent code

العائلة
رمز دائم



Visitor

Time-limited code

Start:2/20/2025

End:3/20/2025

الزائر

رمز مؤقت

فترة العرض:

من 20 فبراير 2025

إلى 20 مارس 2025

4 Types of Passcodes

أنماط 4 من كلمات المرور



Cleaner

Recurring code

Every Monday

9:00-12:00

عامل النظافة

رمز متكرر

كل يوم اثنين

صباحاً 9:00 – 12:00



Worker

One-time code

العامل

رمز لمرة واحدة

Figure 6.3: Smart Codes for Smart Living

This image details the four types of passcodes that can be generated: permanent for family, time-limited for visitors, recurring for regular service providers like cleaners, and one-time for temporary access.

7. MAINTENANCE

7.1. Battery Replacement

The lock is powered by 4 AA batteries. When the battery level is low, the lock will provide an audible warning. Replace all four batteries promptly to ensure continuous operation. Use only high-quality alkaline AA batteries.

Long-lasting 8-month Battery

بطارية طويلة العمر لمدة ٨ أشهر



Figure 7.1: Long-lasting 8-month Battery

This image displays the internal battery compartment, confirming the use of 4 AA batteries and highlighting the extended battery life, which can vary based on usage.

7.2. Cleaning

Wipe the lock's exterior with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.

7.3. Emergency Access

In case of complete battery depletion or electronic malfunction, you can use the mechanical key to unlock the door. Additionally, an emergency USB power supply port is available to temporarily power the lock using a power bank, allowing you to use electronic unlocking methods.

Well-considered emergency design

تصميم طوارئ محسن



Backup keyhole
فتحة المفاتيح الاحتياطية



Emergency USB power supply
طوارئ USB منفذ طاقة



7*Cards Included
بطاقات 7 × مشمولة



Figure 7.2: Well-considered Emergency Design

This image illustrates the critical emergency features: a discreet backup keyhole for mechanical key access and a USB port for temporary power supply using an external power bank.

8. TROUBLESHOOTING

If you encounter issues with your smart door lock, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lock does not respond	Dead batteries	Replace all 4 AA batteries. Use the emergency USB power port if needed.
Fingerprint not recognized	Finger is wet, dirty, or improperly placed; unregistered fingerprint	Ensure finger is clean and dry. Reposition finger. Re-register fingerprint via the app if necessary.

Problem	Possible Cause	Solution
Passcode not working	Incorrect passcode entered; passcode expired (for timed/one-time codes)	Verify the passcode. Check the passcode validity period in the TT Lock app.
App cannot connect to lock	Bluetooth off; app not paired; lock out of range	Ensure Bluetooth is enabled on your phone. Re-pair the lock in the app. Move closer to the lock.
Trial and Error Alarm activates	Multiple incorrect attempts to unlock	This is a security feature. Wait for the alarm to reset or use a valid unlocking method.

9. SPECIFICATIONS

Feature	Detail
Model Number	M305TTBle
Brand	Makayuron
Dimensions	6.5 x 7.5 x 26.5 cm
Item Weight	2.5 kg
Material	Aluminum
Color	Black
Finish Type	Polished Glossy
Lock Type	Deadbolt, Semi-automatic Smart Lock, Biometrics
Special Features	Fingerprint, Biometric, Passcode Unlock
Control Method	Via App (TT Lock App)
Communication Protocol	Bluetooth
Power Source	4 x AA Batteries (included)
Recommended Uses	Home, Hotel, Office, Apartment, Bedroom
Door Thickness Compatibility	35mm to 65mm

10. WARRANTY AND SUPPORT

Specific warranty information for the Makayuron Smart Door Lock M305TTBle is not provided in this manual. Please refer to the product packaging, the retailer's website, or contact Makayuron customer support directly for details regarding warranty coverage and technical assistance.

For further support or inquiries, please visit the official Makayuron website or contact their customer service department.



