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> MSR X6 Smart Door Lock with Handle, Keyless Entry, Fingerprint Keypad, and App Control (Model L1-TT-S) Instruction Manual

MSR X6 L1-TT-S

MSR X6 Smart Door Lock with Handle (Model L1-TT-S)

User Instruction Manual

1. INTRODUCTION

Thank you for choosing the MSR X6 Smart Door Lock. This device offers advanced security and convenience with multiple unlocking methods. This manual provides essential information for proper installation, setup, operation, and maintenance to ensure optimal performance and longevity of your smart lock.



Figure 1.1: MSR X6 Smart Door Lock with Handle and TT Lock App Interface

2. PRODUCT OVERVIEW

2.1 Key Features

- **8-in-1 Keyless Entry:** Fingerprint, Touch Keypad Code, IC Card, Ekey Sharing, Auto Unlock, Mechanical Keys, TT Lock APP Control, and Alexa Voice Control (requires separate gateway).
- **Fast Fingerprint Identification:** Recognizes fingerprints in 0.3 seconds, unlocks in 1 second. Stores up to 200 fingerprints.
- **Remote Management:** Manage access, generate passcodes, and check access logs remotely via the TT Lock app (with optional G2 WiFi Gateway).
- **Auto-Lock Function:** Configurable auto-lock delay from 1 to 999 seconds.
- **Emergency Power:** USB-C port for temporary power in case of battery depletion.
- **Durable Construction:** Made from zinc material with a brushed nickel plated finish.

2.2 Package Contents

Verify that all components are present before beginning installation:

- Front Handle Assembly (with keypad and fingerprint sensor)
- Rear Handle Assembly
- Mounting Plate
- Rubber Gasket
- Bolt Assembly (latch)
- Strike Plate
- Screws
- 2 Mechanical Keys
- 2 IC Cards
- User Manual



Figure 2.1: Multiple Unlocking Methods

3. INSTALLATION

The MSR X6 Smart Door Lock is designed for easy installation, typically requiring only a screwdriver. No additional drilling is needed for standard door preparations. The handle is reversible to fit both left and right-handed doors.

3.1 Door Compatibility

Ensure your door meets the following specifications:

- **Backset:** 2-3/8 inches (60mm) or 2-3/4 inches (70mm).
- **Door Thickness:** Compatible with most standard door thicknesses.
- **Bore Hole Diameter:** 2-1/8 inches (54mm).
- **Important Note:** This lock is not compatible with storm doors. Ensure there is sufficient space above your existing lock if replacing a deadbolt, as the smart lock's top portion may cover it if the distance is less than 2.47 inches (120mm).



Figure 3.1: Door Compatibility and Dimensions

3.2 Installation Steps (Summary)

Refer to the detailed installation guide included in your package for step-by-step instructions and diagrams. A summary of the process includes:

1. Prepare the door by removing any existing hardware.
2. Install the latch (bolt assembly) into the door edge.
3. Install the exterior handle assembly, ensuring the spindle passes through the latch.
4. Install the interior mounting plate.
5. Connect the cable from the exterior assembly to the interior assembly.
6. Install the interior handle assembly.
7. Secure all components with the provided screws.

8. Install 4 AAA batteries (not included) into the battery compartment.
9. Test the lock's functionality with a mechanical key before closing the door.



Figure 3.2: Installation Components and Dimensions

4. SETUP

After physical installation, configure your MSR X6 Smart Door Lock using the TT Lock app and enroll various access methods.

4.1 TT Lock App Setup

1. Download the **TT Lock app** from your smartphone's app store.
2. Create an account and log in.
3. Enable Bluetooth on your smartphone and ensure you are within close proximity to the lock.
4. In the app, tap "Add Lock" and select "Door Lock". The app will search for available locks.
5. Select your MSR X6 lock from the list and follow the on-screen prompts to pair it.
6. Once paired, you can name your lock and access its settings.

4.2 Fingerprint Enrollment

Enroll fingerprints for quick and secure access:

1. In the TT Lock app, navigate to your lock's settings.
2. Select "Fingerprints" and then "Add Fingerprint".
3. Follow the app's instructions to place your finger on the sensor multiple times until enrollment is complete.
4. Test the enrolled fingerprint to ensure it unlocks the door.



Figure 4.1: Fingerprint Sensor Features

4.3 Passcode Management

Create and manage various types of passcodes:

- **Permanent Passcodes:** For regular users.
- **Timed Passcodes:** Valid for a specific duration.
- **One-Time Passcodes:** For single use.
- **Custom Passcodes:** Set specific validity periods.

To create a passcode, go to the TT Lock app, select "Passcodes", and choose the desired type. The app will generate or allow you to set a code.

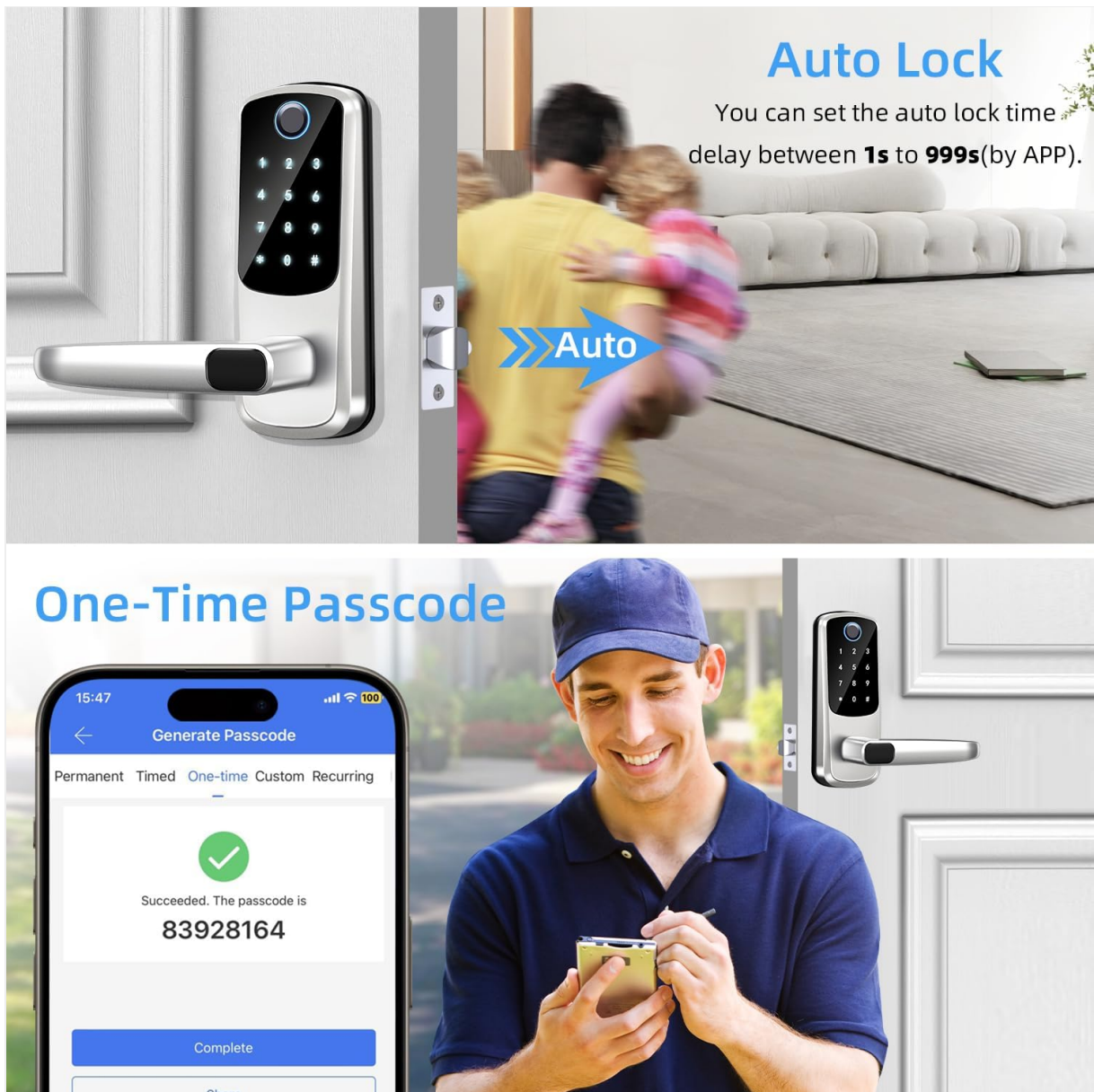


Figure 4.2: Auto-Lock and One-Time Passcode Generation

4.4 IC Card Enrollment

Enroll the included IC cards for tap-to-unlock functionality:

1. In the TT Lock app, navigate to your lock's settings.
2. Select "IC Cards" and then "Add IC Card".
3. Follow the app's instructions to tap the IC card against the lock's sensor until enrollment is complete.
4. Test the enrolled IC card.

4.5 Remote and Voice Control (Optional)

For remote unlocking and voice control via Alexa, a separate G2 WiFi Gateway is required. Once the gateway is paired with your lock and connected to your home WiFi network, you can:

- Unlock the door remotely from anywhere via the TT Lock app.
- Integrate with Amazon Alexa for voice commands (e.g., "Alexa, unlock the front door").



Figure 4.3: Remote Control via TT Lock App

5. OPERATING INSTRUCTIONS

5.1 Unlocking the Door

- **Fingerprint:** Place your enrolled finger on the fingerprint sensor. The lock will unlock after successful recognition.
- **Keypad Code:** Enter your valid passcode on the touchscreen keypad, then press '#'.
- **IC Card:** Tap your enrolled IC card against the designated sensor area on the lock.
- **Mechanical Key:** Insert the mechanical key into the keyhole and turn to unlock.
- **TT Lock App:** Open the app, select your lock, and tap the unlock icon (requires Bluetooth proximity or G2 Gateway for remote unlock).
- **Voice Control (with G2 Gateway):** Use voice commands through a connected Alexa device.

5.2 Locking the Door

- **Automatic Locking:** If enabled in the app, the lock will automatically engage after a set delay (1-999 seconds) once the door is closed.
- **Manual Locking:** Press and hold the '#' key on the keypad for a few seconds, or use the TT Lock app to manually lock.

5.3 Anti-Peep Passcode

To prevent others from guessing your passcode, you can enter random digits before or after your actual code. For example, if your code is 123456, you can enter 987**123456**321#.



Figure 5.1: Anti-Peep Passcode Example

6. MAINTENANCE

6.1 Battery Replacement

The MSR X6 Smart Door Lock requires 4 AAA batteries (not included). Battery life can last up to one year depending on usage. The TT Lock app will display a low battery alert when power is at 10%.

1. When the low battery alert appears, replace all 4 AAA batteries promptly.
2. To access the battery compartment, remove the cover on the interior handle assembly.
3. Insert new batteries, ensuring correct polarity.
4. Replace the battery cover.

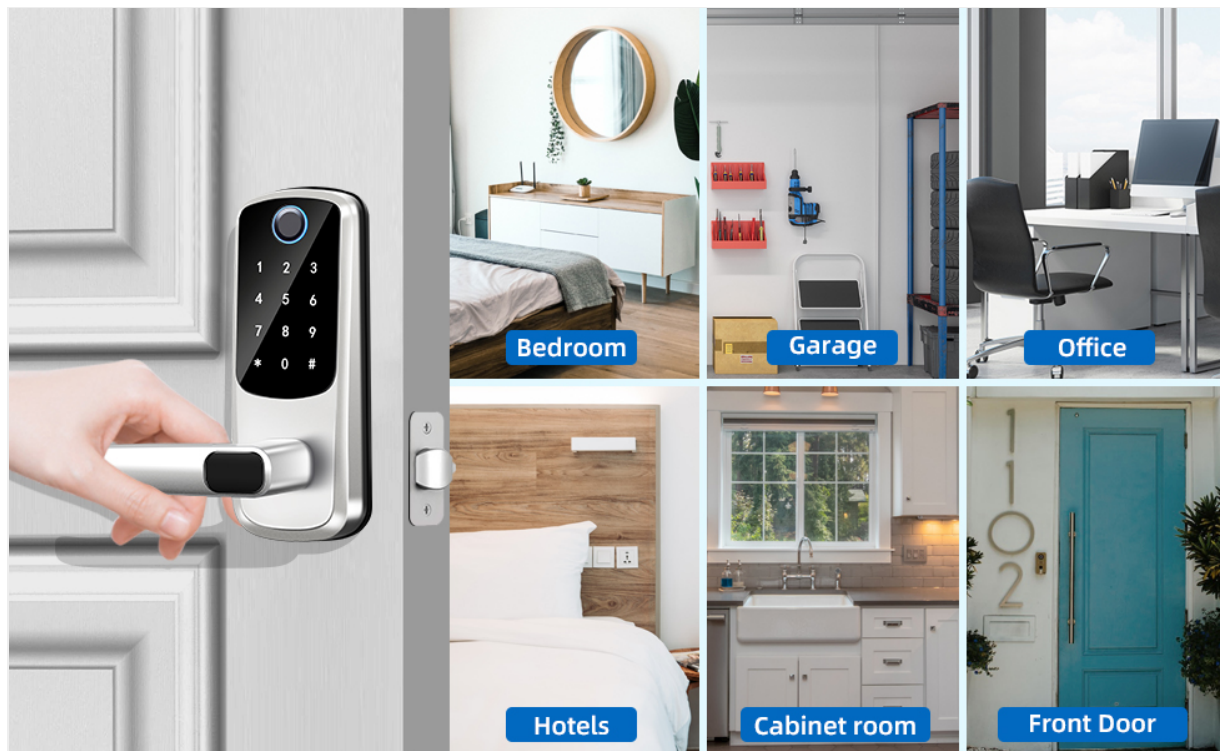


Figure 6.1: Low Battery Alert and Emergency Power

6.2 Emergency Power

If the batteries completely deplete before replacement, you can temporarily power the lock using a portable power bank connected to the USB-C emergency charging port located at the bottom of the exterior handle assembly. This will provide enough power to unlock the door and replace the batteries.

6.3 Cleaning

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

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lock does not respond.	Dead batteries.	Replace batteries. Use emergency USB-C power if needed.
Fingerprint not recognized.	Finger wet/dirty, sensor dirty, fingerprint not properly enrolled.	Ensure finger and sensor are clean and dry. Re-enroll fingerprint if issue persists.
Keypad not lighting up/responding.	Batteries low or dead.	Replace batteries.
Remote unlock not working.	No G2 WiFi Gateway, gateway offline, Bluetooth out of range.	Ensure G2 Gateway is installed and online. Check Bluetooth connection or proximity.
False "tamper alert" notifications.	Environmental factors, sensor sensitivity.	Check lock installation for stability. Contact customer support if persistent.

8. SPECIFICATIONS

Feature	Detail
Brand	MSR X6
Model Name	L1-TT-S
Lock Type	Biometric, Combination Lock, Keypad
Material	Zinc
Finish Type	Brushed Nickel Plated
Color	Silver
Dimensions (L x W x H)	1.06 x 3.38 x 7.12 inches
Item Weight	3.65 pounds
Power Source	4 x AAA Batteries (not included)
Connectivity	Bluetooth, WiFi (with optional G2 Gateway)
Controller Type	Amazon Alexa, Google Assistant (with G2 Gateway), Hand Control, Fingerprint, Passcode, TT Lock App, Mechanical Key, IC Card
UPC	733810071266

9. WARRANTY AND SUPPORT

MSR X6 is committed to product quality and customer service. For any questions or assistance with your smart door lock, please contact our technical support team. We aim to provide support within 24 hours.

Please refer to your purchase documentation for specific warranty details and contact information.