

MSR X6 L1-Sliver

MSR X6 Smart Door Lock User Manual

Model: L1-Sliver

1. PRODUCT OVERVIEW

The MSR X6 L1-Sliver Keyless Entry Door Lock is an advanced smart lock system designed to provide secure and convenient access to your property. It integrates multiple unlocking methods, including fingerprint recognition, keypad passcodes, IC cards, mechanical keys, and control via the TT Lock mobile application. This manual provides comprehensive instructions for installation, setup, operation, and maintenance of your smart lock.



Figure 1: Overview of the MSR X6 Smart Door Lock, showing the keypad, fingerprint sensor, handle, and the associated mobile application interface.

2. PACKAGE CONTENTS

Please verify that all components are present before beginning installation:

- Front Handle Assembly (with Keypad and Fingerprint Sensor)
- Rear Handle Assembly
- Mortise Lock Body (Bolt Assembly)
- Mounting Plate
- Rubber Gaskets
- Screws (various sizes for installation)
- Mechanical Keys (2)
- IC Cards (2)

- User Manual (this document)

Note: A G2 WiFi Gateway for remote control and Alexa voice integration is sold separately and is not included in the standard package.

3. SPECIFICATIONS

Feature	Detail
Brand	MSR X6
Model Name	L1-Sliver
Lock Type	Biometric, Combination Lock, Keypad
Material	Zinc
Color	Silver
Dimensions (L x W x H)	1.1 x 3.4 x 7.2 inches (2.7 x 8.6 x 18.3 cm)
Item Weight	3.63 pounds (1.65 kg)
Connectivity	Bluetooth, Wi-Fi (with optional G2 Gateway)
Control Method	App, Remote, Touch, Voice (with optional G2 Gateway)
Special Features	Fingerprint, Weather-resistant Keypad, Key Fob, Physical Key Access, Voice Control, Easy Installation, Full APP Control
Operating Temperature	-22°F to 158°F (-30°C to 70°C)
Waterproof Rating	IP65

4. INSTALLATION GUIDE

The MSR X6 smart lock is designed for easy installation, typically requiring only a screwdriver. No additional drilling is needed for standard door preparations. Ensure your door dimensions are compatible before proceeding.

4.1 Door Compatibility Check

Before installation, confirm your door meets the following specifications:

- **Hole Diameter:** 2-1/8 inches (54mm)
- **Minimalist Distance (from top hole to bottom hole):** 4-7/10 inches (120mm) or more
- **Backset:** 2-3/8 inches (60mm) or 2-3/4 inches (70mm)
- **Bore Diameter (for latch):** 1 inch (25mm)

Easy to Installation without Drilling

 No Extra Drilling

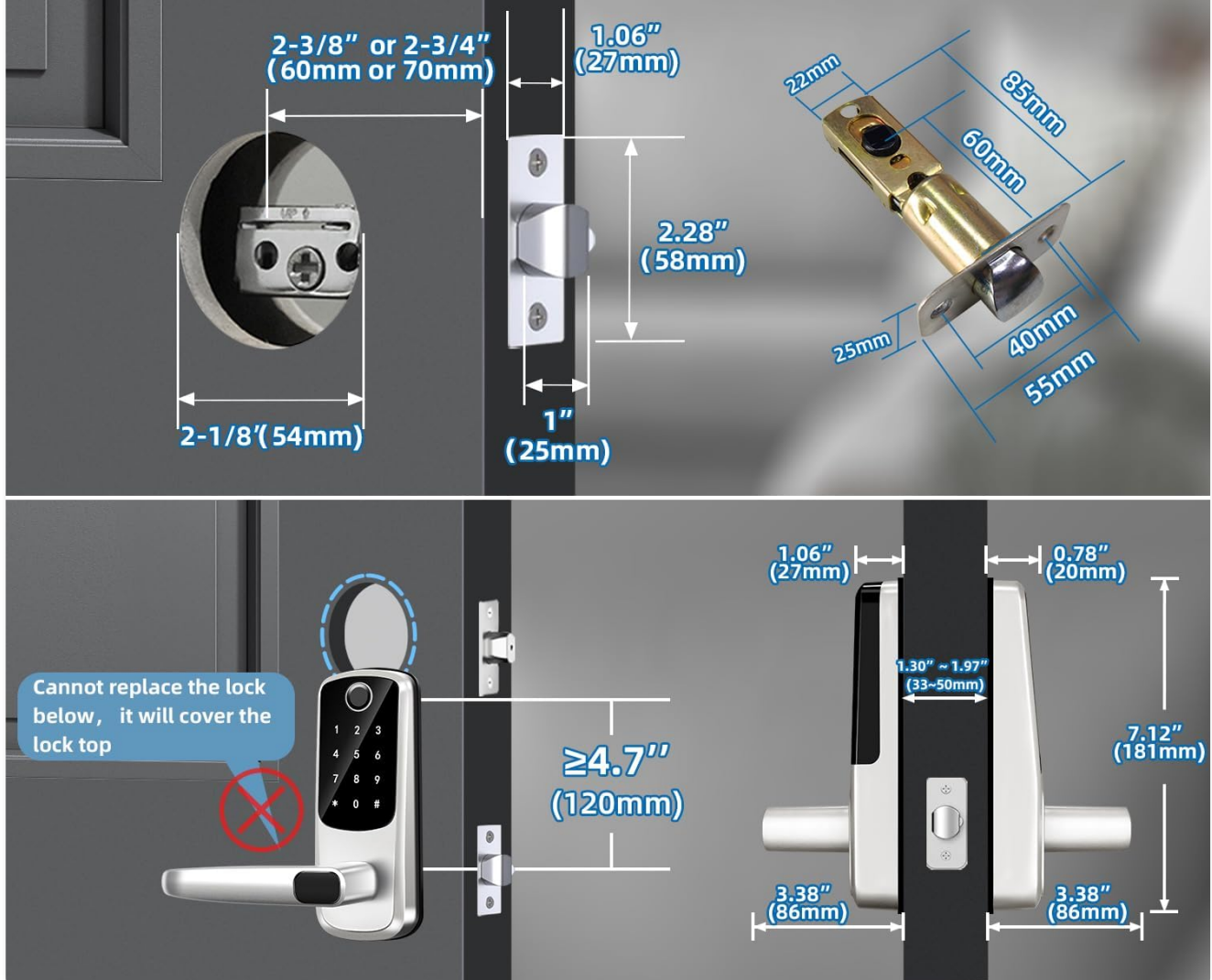


Figure 2: Door measurement guide and components for installation. Ensure your door's existing holes match these specifications.

The lock is reversible and suitable for both left-handed and right-handed doors. It is designed to replace existing door levers or knobs without extensive modifications.



Figure 3: The installation process is straightforward and can be completed with basic tools like a screwdriver.

4.2 Installation Steps (General Overview)

1. **Prepare the Door:** Ensure the door is clean and the existing holes are clear. Adjust the backset of the latch if necessary (60mm or 70mm).
2. **Install the Latch:** Insert the latch into the door edge and secure it with screws.
3. **Install the Exterior Assembly:** Place the exterior handle assembly through the door, ensuring the spindle aligns with the latch.
4. **Install the Mounting Plate:** Secure the mounting plate to the interior side of the door, over the latch, using screws.
5. **Connect Cables:** Carefully connect the cable from the exterior assembly to the interior assembly.
6. **Install the Interior Assembly:** Attach the interior handle assembly to the mounting plate, securing it with screws.
7. **Install Batteries:** Insert the required batteries (not included) into the battery compartment of the interior assembly.
8. **Test Operation:** Test the mechanical key, and then proceed to initial setup and programming.

For detailed, step-by-step instructions with diagrams, please refer to the printed manual included in your product packaging.

5. OPERATING THE SMART LOCK

The MSR X6 smart lock offers multiple convenient ways to unlock your door.

5.1 Unlocking Methods

- **Fingerprint:** Place your registered finger on the sensor. The lock will unlock in approximately 0.3 seconds if the fingerprint is recognized. The sensor supports 360-degree recognition and can store up to 99 fingerprints.
- **Passcode:** Enter your registered passcode on the keypad followed by the '#' key. The lock supports anti-peep passcodes, allowing you to enter random digits before or after your actual code for enhanced security.
- **IC Card:** Tap a registered IC card against the designated area on the lock.

- **Mechanical Key:** Use the provided mechanical keys as a traditional backup method. The keyhole is located on the handle.
- **TT Lock App:** Unlock the door remotely via the TT Lock application on your smartphone (requires Bluetooth connection or optional G2 WiFi Gateway for remote access).
- **APP Watch:** Unlock directly from a compatible smartwatch paired with the TT Lock App.
- **Emergency USB:** In case of complete battery depletion, connect a portable power bank via the emergency USB port to temporarily power the lock and gain entry.



Figure 4: The MSR X6 Smart Lock offers a variety of unlocking methods for convenience and security.

Your Finger is Key



Under 0.20s
Accuracy >99.99%



Elderly



Children



Adult



0.3S

Recognition

360°

Fingerprint to
Unlock

99

Fingerprints
can be set

Figure 5: The 3D fingerprint sensor provides quick and reliable access, recognizing fingerprints in under 0.3 seconds.

5.2 Locking the Door

- **Automatic Locking:** The lock can be configured to automatically lock after a set period (1-999 seconds) once the door is closed. This feature ensures the door is always secured.
- **Manual Locking:** From the interior, simply lift the handle to engage the deadbolt. From the exterior, after closing the door, the lock will automatically engage or can be manually locked via the keypad/app depending on settings.

Auto Lock for Security



Figure 6: The auto-lock feature provides peace of mind by automatically securing your door after entry or exit.

6. TT LOCK APP CONTROL AND FEATURES

The TT Lock application provides comprehensive control and management of your MSR X6 smart lock. Download the "TT Lock" app from your smartphone's app store (iOS or Android).

6.1 Initial App Setup

1. Download and install the "TT Lock" app.
2. Create an account and log in.
3. Enable Bluetooth on your smartphone.
4. In the app, tap "Add Lock" and select "Door Lock".
5. Touch the keypad on your smart lock to activate it, then select it from the list of discovered devices in the app.
6. Follow the on-screen prompts to name your lock and complete the pairing process.

6.2 Key App Features

- **Ekey Management:** Share temporary, permanent, or recurring eKeys with guests or tenants.
- **Passcode Generation:** Create and manage various types of passcodes (one-time, timed, permanent, custom, recurring) remotely. Ideal for rental properties.
- **IC Card Management:** Add or delete IC cards.
- **Fingerprint Management:** Register and manage fingerprints for multiple users.
- **Access Logs:** View real-time access logs to see who entered and when.
- **Remote Unlock/Lock:** Lock or unlock your door from anywhere (requires optional G2 WiFi Gateway).
- **Settings:** Adjust lock settings such as auto-lock duration, passage mode, lock sound, privacy mode, and low battery alerts.
- **Voice Control:** Integrate with Amazon Alexa or Google Assistant for voice commands (requires optional G2 WiFi Gateway).

Figure 7: Easily share access rights with trusted individuals using the eKey feature in the TT Lock app.



Figure 8: Stay informed with real-time notifications and detailed access logs directly on your smartphone.



Figure 9: Control your smart lock with voice commands through Amazon Alexa or Google Assistant when paired with the G2 WiFi Gateway.

7. SECURITY FEATURES

The MSR X6 smart lock incorporates several features to enhance your home's security:

- **Auto-Lock:** Configurable auto-lock timer ensures the door is always secured after closing.
- **Anti-Peep Passcode:** Enter random digits before or after your actual passcode to prevent others from guessing your code.
- **Lockout Alarm:** Activates after multiple incorrect entry attempts.
- **Low Battery Alert:** Notifies you when batteries are running low, prompting replacement.
- **Away Mode:** A vacation mode setting for enhanced security when you are away.
- **Privacy Mode:** Prevents external access when activated from the interior.
- **Durable Construction:** Made from zinc material, designed to withstand extreme temperatures (-22°F to 158°F) and rated IP65 waterproof for outdoor use.

8. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your MSR X6 smart lock.

- **Battery Replacement:** The lock will issue a low battery alert when power is critical. Replace all batteries promptly to avoid being locked out. Use high-quality alkaline batteries.
- **Cleaning:** Wipe the keypad and fingerprint sensor with a soft, dry cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Mechanical Keyhole:** Keep the mechanical keyhole clean and free of debris. Do not lubricate with oil-based products; use graphite powder if lubrication is necessary.
- **Firmware Updates:** Periodically check the TT Lock app for available firmware updates for your lock. Updates can improve performance and add new features.

9. TROUBLESHOOTING

If you encounter issues with your MSR X6 smart lock, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lock does not respond / No power	Dead batteries; Incorrect battery installation.	Replace all batteries with new ones. Ensure batteries are inserted with correct polarity. Use emergency USB power if completely dead.
Fingerprint not recognized	Finger is dirty/wet; Sensor is dirty; Fingerprint not properly registered; Sensor malfunction.	Ensure finger and sensor are clean and dry. Try different angles or fingers. Re-register fingerprint in the app. If issue persists, use another unlocking method.
Keypad not responding	Keypad frozen; Low battery.	Try pressing any key to wake it up. Replace batteries.
Cannot connect to TT Lock App	Bluetooth off; Lock not in pairing mode; App permissions; Distance.	Ensure Bluetooth is enabled on your phone. Be within Bluetooth range of the lock. Restart the app and try pairing again. Check app permissions for Bluetooth access.
Auto-lock not working	Auto-lock feature disabled; Incorrect settings.	Check auto-lock settings in the TT Lock app and ensure it is enabled with a desired delay time.
Lock handle feels loose or wobbly	Mounting screws loose; Internal component wear.	Tighten all mounting screws. If the issue persists or is due to internal wear, contact customer support.

If the problem persists after attempting these solutions, please contact MSR X6 customer support for further assistance.

10. WARRANTY AND SUPPORT

MSR X6 products are designed for durability and security. For warranty information and technical support, please refer to the warranty card included with your product or visit the official MSR X6 website. You may also contact the manufacturer, if you, directly for assistance.

When contacting support, please have your product model (L1-Sliver) and purchase information ready.

Manufacturer: ifyou

Brand: MSR X6