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› MSR X6 Smart Door Lock H1 Instruction Manual

## MSR X6 H1

# MSR X6 Smart Door Lock H1 Instruction Manual

Model: H1

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your MSR X6 Smart Door Lock H1. Please read this manual thoroughly before installation and use to ensure proper function and security.

The MSR X6 Smart Door Lock H1 offers an 8-in-1 keyless entry system, providing multiple convenient and secure access methods. It is designed for both front and interior doors, suitable for homes, apartments, and offices.

## 2. KEY FEATURES

- **Multiple Access Methods:** Fingerprint, Touch Keypad Code, IC Card, Ekey Sharing, Auto Unlock, Mechanical Keys, App Control.
- **Remote Control (G2 Wi-Fi Gateway Required, Sold Separately):** Lock/unlock from anywhere, set up codes remotely, check real-time access logs via the TTLock APP.
- **Enhanced Security:** Anti-peep passcode function, automatic locking.
- **Durability:** Weather-resistant (IP64 rated), operates in temperatures from -35°F to 122°F.
- **Easy Installation:** Designed for standard American front doors, no extra drilling required, reversible handle for left or right-handed doors.
- **Voice Control (G2 Wi-Fi Gateway Required):** Compatible with Amazon Alexa.

## 3. 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 and Strike Plate
- Screws (various sizes)
- Mechanical Keys (2)
- IC Cards (2)
- User Manual

## 4. SPECIFICATIONS

<b>Brand</b>	MSR X6
<b>Model Name</b>	H1
<b>Lock Type</b>	Keypad, Biometric
<b>Material</b>	Zinc Alloy
<b>Color</b>	Black
<b>Finish Type</b>	Matt
<b>Product Dimensions (L x W x H)</b>	7.12 x 3.38 x 1.06 inches
<b>Item Weight</b>	3.87 pounds
<b>Operating Temperature</b>	-35°F to 122°F (-37°C to 50°C)
<b>Waterproof Rating</b>	IP64
<b>Connectivity</b>	Bluetooth, Wi-Fi (with optional G2 Gateway)
<b>Controller Type</b>	Android, iOS, Amazon Alexa (with optional G2 Gateway)
<b>Batteries Required</b>	Yes (Batteries not included)

## 5. INSTALLATION GUIDE

The MSR X6 Smart Door Lock H1 is designed for easy installation on most standard American front doors without requiring additional drilling. A screwdriver is typically the only tool needed.

### 5.1 Prepare Your Door

- Ensure your door thickness and backset measurements are compatible with the lock.
- Remove any existing door hardware.

### 5.2 Step-by-Step Installation

1. Install the Latch and Strike Plate into the door frame.
2. Insert the Bolt Assembly into the door edge.
3. Attach the Front Handle Assembly, ensuring the spindle passes through the bolt assembly.
4. Place the Rubber Gasket and Mounting Plate on the interior side of the door.
5. Connect the cable from the Front Handle Assembly to the Rear Handle Assembly.

6. Secure the Rear Handle Assembly to the Mounting Plate with screws.
7. Install the batteries (4x AAA, not included) into the battery compartment of the Rear Handle Assembly.
8. Test the lock's basic functionality with a mechanical key.

## Full Control in the APP

**COMPATIBLE WITH Amazon Alexa**

- Create Passcodes
- Keyless Entry
- Share Code/Ekey
- Auto-Lock Times
- View History
- Set Access Schedules
- Remote Control (Gateway sold separately)

Figure 1: Easy Installation Diagram. This image illustrates the dimensions and components for a straightforward installation process, highlighting that no extra drilling is typically required.

# Wide Compatibility

○ Before



● After



Figure 2: Wide Compatibility. This image demonstrates the MSR X6 Smart Door Lock H1's compatibility with different existing door lock configurations, showing how it can replace various knob and deadbolt setups.

## 6. INITIAL SETUP AND APP CONFIGURATION

### 6.1 Download the TLock App

Search for 'TLock' in your smartphone's app store (iOS or Android) and download the application.

### 6.2 Pair the Lock with the App

1. Enable Bluetooth on your smartphone.
2. Open the TLock app and create an account.
3. Tap 'Add Lock' and select 'Door Lock'.
4. Touch the keypad on the lock to activate it. The app should detect the lock.
5. Follow the on-screen prompts to pair your lock.

### 6.3 User Management (Fingerprints, Passcodes, IC Cards)

Once paired, use the TLock app to add and manage users:

- **Fingerprints:** Navigate to 'Fingerprints' in the app and follow instructions to register up to 200 unique fingerprints. Ensure the entire fingerprint surface is scanned for optimal recognition.
- **Passcodes:** Generate permanent, timed, one-time, or custom passcodes.
- **IC Cards:** Register the included IC cards for tap-to-unlock access.
- **Ekeys:** Share temporary or permanent ekeys with guests or family members via the app.



Figure 3: Multiple Access Methods. This image displays the smart lock and a smartphone interface, highlighting the various ways to access the lock, including fingerprint, fob card, keypad, and traditional keys.

## Everything is at Your Phone



Manage Multiple Users



Generate Passcode



View Access Log



Rental Management



Figure 4: Fingerprint Access. This image shows a child easily unlocking the door using the fingerprint sensor, emphasizing the convenience and security of biometric access.

### 6.4 G2 Wi-Fi Gateway (Optional)

To enable remote control and voice control features, a G2 Wi-Fi Gateway (sold separately) is required. Follow the gateway's instructions to connect it to your home Wi-Fi network and link it with your MSR X6 Smart Door Lock H1 via the TLock app.

## Automatic Door Lock or One-touch Lock



Figure 5: Voice Control Integration. This image depicts the smart lock, a G2 Wi-Fi Gateway, and Amazon Alexa devices, illustrating how voice commands can be used to control the lock when the gateway is connected.

## 7. OPERATION

### 7.1 Unlocking the Door

- **Fingerprint:** Place your registered finger on the sensor. The lock will unlock if the fingerprint is recognized.
- **Keypad:** Enter your registered passcode followed by the '#' key.
- **IC Card:** Tap the registered IC card against the card reader area on the lock.
- **Mechanical Key:** Insert the physical key into the keyhole (located under a cover) and turn to unlock.
- **TTLock App:** Open the app, select your lock, and tap the unlock icon (requires Bluetooth or G2 Wi-Fi Gateway).

### 7.2 Locking the Door

- **Automatic Lock:** The lock will automatically engage after a set period (configurable in the app) once the door is closed.
- **One-Touch Lock:** Press and hold the '#' key on the keypad for a few seconds to manually lock the door.
- **TTLock App:** Open the app, select your lock, and tap the lock icon (requires Bluetooth or G2 Wi-Fi Gateway).



Figure 6: Automatic and One-Touch Locking. This image highlights the lock's ability to automatically secure the door after closing or to be locked manually with a single touch.

### 7.3 Anti-Peep Passcode

To prevent others from guessing your passcode, you can enter random digits before or after your actual code. The lock will still recognize the correct sequence within the longer string of numbers.



Figure 7: Anti-Peep Passcode. This diagram explains how to use the anti-peep function by entering extra digits before or after your actual passcode to obscure it from onlookers.

## 8. MAINTENANCE

## 8.1 Battery Management

- The lock uses 4x AAA batteries (not included). Expected battery life is approximately 180 days, depending on usage.
- The lock will provide a low battery alert when power is running low. Replace batteries promptly.
- In case of complete battery depletion, an emergency charging port (USB-C) is available on the exterior unit to temporarily power the lock for access.

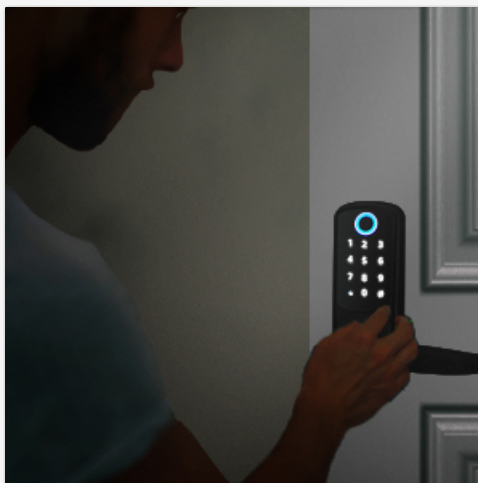


Figure 8: Battery Features. This image illustrates the lock's battery status, low battery alert, and the emergency USB-C charging option for temporary power.

## 8.2 Cleaning

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

## 9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Fingerprint not recognized	Finger placement incorrect, dirty sensor, unregistered fingerprint.	Ensure full finger contact with the sensor. Clean the sensor. Re-register fingerprint if necessary, ensuring multiple angles are captured.
Keypad unresponsive	Low battery, incorrect passcode, lock frozen.	Replace batteries. Verify passcode. Try emergency charging.
App cannot connect to lock	Bluetooth off, lock out of range, app glitch, G2 Gateway disconnected.	Ensure Bluetooth is on and you are within range. Restart the app. Check G2 Gateway connection if applicable.
Lock not responding in extreme cold/heat	Operating outside specified temperature range.	The lock is rated for -35°F to 122°F. Performance may be affected outside this range. Ensure proper installation and battery quality.
Mechanical key access difficult	Keyhole cover misalignment, debris in keyhole.	Ensure the keyhole cover is correctly aligned. Clean any debris from the keyhole.

## 10. WARRANTY AND SUPPORT

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MSR X6 is committed to providing high-quality products and customer satisfaction. While specific warranty duration details are not provided in this manual, we offer comprehensive technical support.

If you encounter any issues or have questions regarding your MSR X6 Smart Door Lock H1, please contact our technical support team. We aim to provide service and support within 24 hours.

For detailed instructions and installation guidelines, please refer to the resources provided with your product or contact customer service.

