

Geek Smart L-B201

Geek Smart Fingerprint Door Lock (Model L-B201) Instruction Manual

Biometric Door Knob Keyless Entry Lock with Handle

PRODUCT OVERVIEW

The Geek Smart Fingerprint Door Lock (Model L-B201) offers a secure and convenient keyless entry solution for various indoor applications. This biometric door knob allows you to lock and unlock your door with a simple fingerprint scan, eliminating the need for traditional keys or complex codes. Designed for ease of use and quick access, it's an ideal choice for homes, apartments, offices, and hotels.



Figure 1: Main view of the Geek Smart Fingerprint Door Lock.

KEY FEATURES

- **One-Touch Fingerprint Unlock:** Lock and unlock your door in a single motion by scanning your fingerprint. Lightning-fast recognition in less than 0.1 seconds.
- **Keyless Entry:** Eliminates the need for physical keys, offering enhanced convenience and security.
- **Voice Prompts:** Guides users through setup and operation for a seamless experience.
- **Multiple User Capacity:** Supports up to 20 unique fingerprints, including 2 admin-user fingerprints for management.
- **Long Battery Life:** Powered by 4 AAA batteries, providing approximately 12 months of operation.
- **Emergency Power:** Features a Micro USB port for emergency charging if batteries run out, ensuring you're never locked out.
- **Adjustable Latch:** Fits standard door thicknesses from 1-3/8" to 2-1/8" (35 to 55mm) with an adjustable latch (2-3/8" or 2-3/4").
- **Ambidextrous Design:** Suitable for both left and right-handed doors.

PACKAGE CONTENTS

Upon opening the package, ensure all the following components are present:

- Geek Smart Fingerprint Door Handle (Exterior Panel)
- Interior Panel
- Latch
- Strike Plate
- Mounting Screws (various sizes)
- Mechanical Keys (2)
- Micro USB Charging Cable
- User Manual
- Rubber Gaskets



Figure 2: All components included in the package.

INSTALLATION GUIDE

Follow these steps to install your Geek Smart Fingerprint Door Lock. Ensure your door thickness is between 1-3/8" to 2-1/8" (35-

55mm).

1. **Prepare the Door:** Remove your existing door knob. Ensure the door hole and edge are clean and free of debris.
2. **Install the Latch:** Insert the latch into the door edge. Adjust the latch length if necessary (60mm or 70mm) by twisting the mechanism. Secure it with the provided screws.
3. **Install Exterior Handle:** Slide the exterior handle through the door hole, ensuring the spindle passes through the latch. Connect the ribbon cable from the exterior handle to the interior panel.
4. **Install Interior Panel:** Align the interior panel with the exterior handle, ensuring the spindle and mounting posts are correctly seated. Secure with the long screws.
5. **Insert Batteries:** Unscrew the battery cover on the interior panel. Insert 4 AAA batteries, ensuring correct polarity. Replace the battery cover.

UPGRADED 508 DPI FINGERPRINT SENSOR MODULE.

THE RECOGNITION RATE OF OVER 98% WITHIN 0.3 SECONDS.



Recognition speed:
less than 0.1s



Recognition rate:
99%



Upgraded 508 DPI



Fingerprint capacity:
110 groups including 2
admin-user fingerprints

Hidden Sensor

Artificial Intelligence
Learning Algorithm



Figure 3: Visual guide for the installation process.

Installation Video

Your browser does not support the video tag.

Video 1: Detailed setup and demo of the Geek Smart L-B201 Fingerprint Door Handle.

OPERATING INSTRUCTIONS

1. Adding Fingerprints (Admin & Normal Users)

The first two fingerprints registered will automatically be designated as Admin fingerprints. Subsequent fingerprints will be normal users.

1. Locate the reset button on the interior panel (small hole next to the setting button).
2. Use the provided reset pin (or a paperclip) to press and hold the reset button until you hear a voice prompt "Add administrator fingerprint".
3. Place your finger on the fingerprint reader. The lock will prompt you to place your finger multiple times (usually 6 times) to ensure accurate registration. Follow the voice prompts.

4. Once successfully registered, you will hear "Addition successful".
5. To add normal users after 2 admin fingerprints are set, press the reset button. The lock will prompt "Please place your finger". Follow the same steps as above.

ONE TOUCH UNLOCK ACCURATIVE RECOGNITION



Fingerprint capacity:
20 groups including 2
admin-user fingerprints



Recognition speed:
less than 0.1s



Recognition rate:
99%

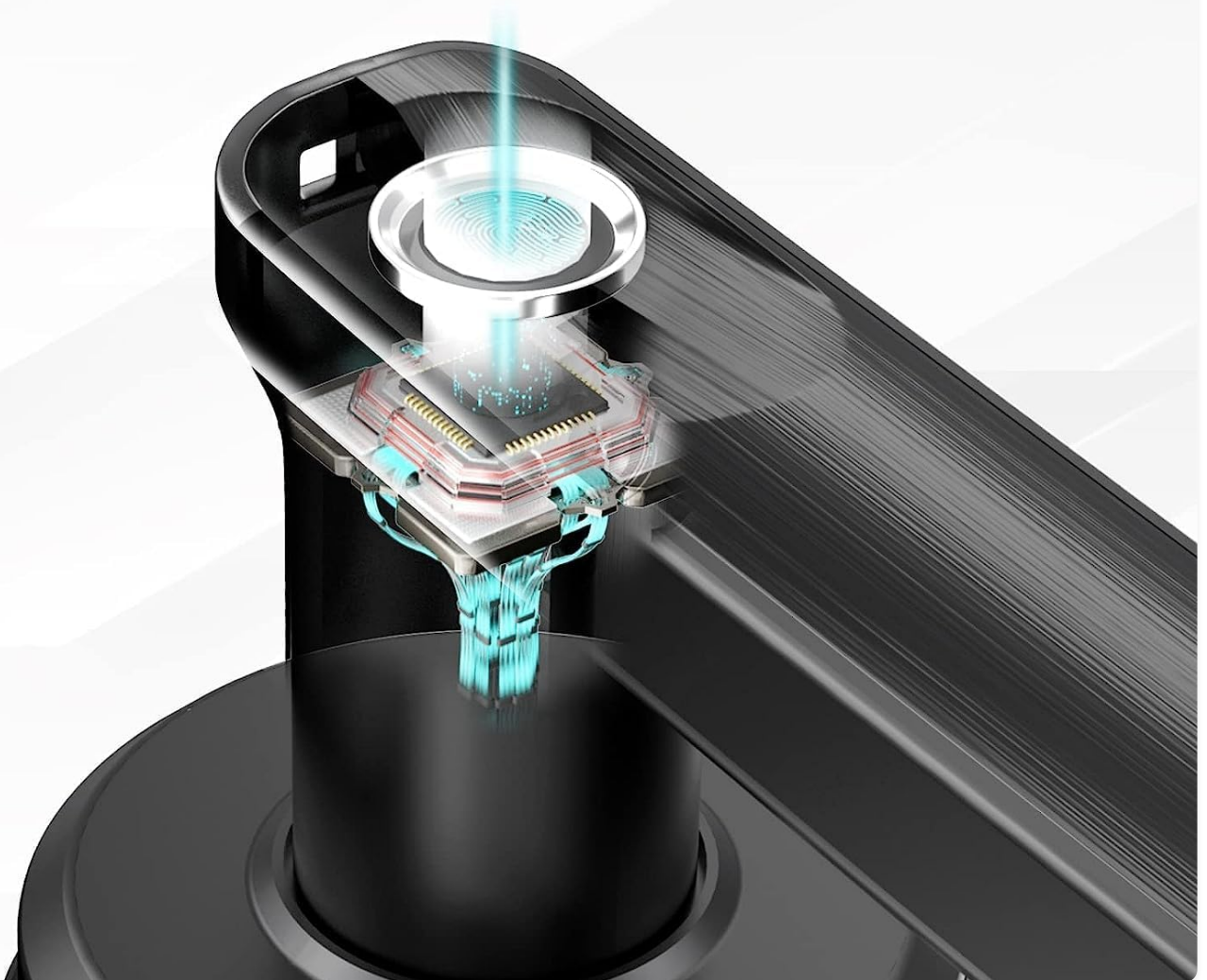


Figure 4: The fingerprint recognition process is quick and accurate.

2. Unlocking and Locking

- **Unlocking with Fingerprint:** Simply place your registered finger on the fingerprint reader. The lock will unlock in less than 0.1 seconds.
- **Locking Automatically:** The lock is designed to automatically lock after 5 seconds of being unlocked.
- **Using Mechanical Key:** In case of emergency or preference, insert the mechanical key into the keyhole on the exterior handle and turn to unlock.

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Easy access with Fingerprint Control



Fingerprint Unlock



Key Unlock



Figure 5: The lock supports both fingerprint and mechanical key unlocking.

3. Passage Mode

Passage mode allows the door to remain unlocked for continuous access without requiring a fingerprint scan for each entry.

- **Enable Passage Mode:** Press the setting button on the interior panel once. The lock will announce "Passage Mode".
- **Disable Passage Mode:** Press the setting button again. The lock will announce "Lock Mode" and will resume automatic locking.

BATTERY AND EMERGENCY CHARGING

The lock is powered by 4 AAA batteries, providing long-lasting performance. In case of low battery or complete power loss, an emergency charging option is available.

- **Low Battery Alert:** The lock will provide voice prompts and a flashing light when the battery is low, indicating it's time for replacement.
- **Emergency Micro USB Port:** A Micro USB port is located on the exterior handle. Connect a power bank or a Micro USB cable to provide temporary power for emergency unlocking.



Figure 6: Emergency Micro USB port for temporary power.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fingerprint not recognized.	Finger is wet, dirty, or improperly placed. Fingerprint not registered.	Ensure finger is clean and dry. Place finger firmly and completely on the reader. Re-register fingerprint if necessary.
Lock does not respond.	Batteries are dead or low.	Replace 4 AAA batteries. Use Micro USB emergency power if locked out.
Cannot add new fingerprints.	Admin fingerprints not set or maximum users reached.	Ensure 2 admin fingerprints are registered first. If 20 fingerprints are registered, delete existing ones to add new.

Problem	Possible Cause	Solution
Door handle is loose.	Mounting screws are loose.	Tighten the mounting screws on the interior panel.

SPECIFICATIONS

Feature	Detail
Brand	Geek Smart
Model Number	L-B201
Material	Aluminum
Color	Matte Black
Lock Type	Biometric
Fingerprint Capacity	Up to 20 (2 Admin, 18 Normal)
Recognition Speed	Less than 0.1 seconds
Power Source	4 x AAA Batteries
Battery Life	Approx. 12 months
Emergency Power	Micro USB Port
Door Thickness	1-3/8" to 2-1/8" (35-55mm)
Adjustable Latch	2-3/8" (60mm) or 2-3/4" (70mm)
Hand Orientation	Ambidextrous



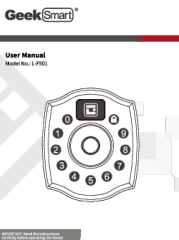
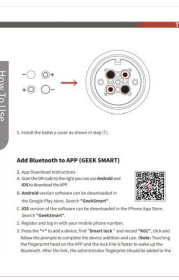
WARRANTY AND SUPPORT

Geek Smart provides customer service for their smart door lock. For any installation or technical issues, please contact them directly.

- **Customer Service:** Geek Technology Co.
- **Phone:** 1-844-801-8880 (862) 352-0406
- **Email:** customercare@geektechnology.com
- **Website:** www.geektechnology.com
- **Operating Hours:** Monday-Friday 9:00 AM - 5:00 PM (PST)

Please refer to the warranty card included in your package for detailed warranty terms and conditions.

Related Documents

	<p>Geek Smart L-B201 Smart Lock User Manual</p> <p>User manual for the Geek Smart L-B201 smart lock, covering installation, operation, specifications, and troubleshooting. Learn how to install, add fingerprints, and use passage mode.</p>
	<p>GeekSmart L-B201 Smart Lock User Manual</p> <p>Comprehensive user manual for the GeekSmart L-B201 smart lock, covering installation, operation, specifications, and troubleshooting. Learn how to add fingerprints, manage modes, and maintain your smart lock.</p>
	<p>Geek Smart L-F501 User Manual</p> <p>User manual for the Geek Smart L-F501 smart lock, covering features, operating instructions, troubleshooting, and specifications. Learn how to install, set up, and manage users via the app or keypad.</p>
	<p>GeekSmart K01 Fingerprint Lock User Manual</p> <p>Guide to setting up and using the GeekSmart K01 fingerprint smart lock, covering app integration, user management, and unlocking features.</p>