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HAvern Intelligent Digital Fingerprint Lock

HAvern Intelligent Digital Fingerprint Lock User Manual

Model: Intelligent Digital Fingerprint Lock (Kit11)

Brand: HAvern

1. INTRODUCTION

Thank you for choosing the HAvern Intelligent Digital Fingerprint Lock. This manual provides essential information for the proper installation, operation, and maintenance of your new smart lock. Please read this manual thoroughly before installation and keep it for future reference. This lock offers multiple unlocking methods including fingerprint, password, IC card, mechanical key, and smartphone application (TTLock APP).

2. SAFETY INFORMATION

- Ensure all components are present and undamaged before installation.
- Do not attempt to disassemble or modify the lock. This may void the warranty and compromise security.
- Keep mechanical keys in a secure location outside the property.
- Protect your passwords and fingerprints from unauthorized access.
- Use only recommended batteries. Replace all batteries simultaneously.
- This lock is designed for specific door thicknesses (40-60 mm). Verify your door's compatibility.

3. PACKAGE CONTENTS

Please check the package for the following items. If any items are missing or damaged, contact your retailer.

- Front Panel Assembly (with handle and keypad)
- Rear Panel Assembly (with battery compartment and thumb-turn)
- Mortise Lock Body

- Strike Plate and Strike Box
- Mounting Screws and Spindles
- Mechanical Keys
- IC Cards (Quantity may vary)
- Installation Template
- User Manual

4. PRODUCT OVERVIEW

The HAvern Intelligent Digital Fingerprint Lock is constructed from durable aluminum alloy and features multiple advanced security functions.

Key Features:

- **Multiple Unlock Methods:** Fingerprint, Password, IC Card, Mechanical Key, and TTLock APP.
- **High Capacity:** Stores up to 100 fingerprints and 100 passwords.
- **Durable Construction:** Ultra-thin aluminum alloy design.
- **Waterproof Design:** Suitable for various environments.
- **Temporary Password Generation:** Grant temporary access via the APP.
- **Emergency Power:** Micro USB interface for emergency power supply.

For push/pull door



Swipe card+key to unlock, silver - round handle
With Fingerprint , with TTLock APP!!!

Figure 4.1: Overview of the HAvern Intelligent Digital Fingerprint Lock, showing its main components, dimensions (85mm, 240mm, 30mm, 45mm, 22mm for the mortise), and connectivity with the TTLock APP via Wi-Fi. This image illustrates the lock's design for push/pull doors.

5. INSTALLATION

Proper installation is crucial for the lock's functionality and security. It is recommended to have a professional install the lock if you are unfamiliar with door hardware installation.

5.1 Door Preparation

- **Door Thickness:** Ensure your door thickness is between 40-60 mm.
- **Door Type:** Compatible with aluminum alloy doors, glass frame doors, wooden doors, sliding doors, revolving doors, and shielded doors.
- Use the provided installation template to mark and drill holes on your door.

5.2 Mortise Installation

1. Insert the mortise lock body into the prepared mortise cutout on the door edge.
2. Secure the mortise with screws.

5.3 Panel Installation

1. Install the front panel, ensuring the spindle and connecting cables pass through the door.
2. Connect the cables from the front panel to the rear panel.
3. Install the rear panel, aligning it with the front panel and securing it with mounting screws.
4. Insert batteries into the battery compartment on the rear panel.



Figure 5.1: The HAvern Intelligent Digital Fingerprint Lock shown installed on a door, demonstrating its sleek profile and integration with the TTLock APP for remote management.

6. OPERATING INSTRUCTIONS

6.1 Initial Setup (TTLock APP)

1. Download the "TTLock" APP from your smartphone's app store.
2. Create an account and log in.
3. Enable Bluetooth on your smartphone and stand close to the lock.
4. In the APP, tap "Add Lock" and select your lock from the list of nearby devices.
5. Follow the on-screen instructions to pair the lock and set up the administrator.

6.2 Unlocking Methods

- **Fingerprint:** Place your registered finger on the fingerprint sensor. The lock will unlock after successful verification.
- **Password:** Enter your registered password on the keypad, then press the '#' key.
- **IC Card:** Present your registered IC card to the card reader area on the lock.
- **Mechanical Key:** Insert the mechanical key into the emergency keyhole and turn to unlock.
- **TTLock APP:** Open the TTLock APP, ensure Bluetooth is enabled, and tap the unlock icon. You can also generate temporary passwords for guests.



Figure 6.1: The HAvern Intelligent Digital Fingerprint Lock demonstrating its connectivity with the TTLock APP, allowing for convenient control and management of access.

7. MAINTENANCE

- **Cleaning:** Wipe the lock surface with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Battery Replacement:** Replace all batteries when the low battery warning is indicated. Do not mix old and new batteries.

- **Keyhole Maintenance:** Do not lubricate the keyhole with oil. Use graphite powder if lubrication is necessary.
- **Firmware Updates:** Regularly check the TTLock APP for firmware updates to ensure optimal performance and security.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lock does not respond.	Dead batteries.	Replace batteries. Use emergency Micro USB power if needed.
Fingerprint not recognized.	Finger is wet/dirty, sensor is dirty, or fingerprint not properly registered.	Clean finger and sensor. Re-register fingerprint if issue persists.
Cannot connect to TTLock APP.	Bluetooth off, too far from lock, or APP issue.	Ensure Bluetooth is on. Move closer to the lock. Restart APP or phone.
Lock is difficult to turn.	Misalignment during installation or debris in mechanism.	Check installation alignment. Clean around the latch and bolt.

9. SPECIFICATIONS

Feature	Detail
Material	Aluminum Alloy
Color	Kit11 (Specific finish)
Dimensions (Front Panel)	Approx. 316mm (H) x 31mm (W) x 20.7mm (D)
System	TTLock
Fingerprint Capacity	Up to 100
Password Capacity	Up to 100
Card Type	13.56MHz, M1, IC card
Working Temperature	-20°C to +60°C (-4°F to +140°F)
Working Humidity	20% - 90%
Unlock Methods	Fingerprint, Password, Card, Key, APP
Emergency Interface	Micro USB
Applicable Door Thickness	40-60 mm
Connectivity Protocol	Wi-Fi (via TTLock gateway, if applicable, or direct Bluetooth for app control)

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your

purchase or contact the retailer directly. HAvern is committed to providing quality products and support.