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WELOCK ToucA71

WELOCK ToucA71 Electronic Door Lock User Manual

Model: ToucA71

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WELOCK ToucA71 Electronic Door Lock. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.



Image 1.1: Overview of the WELOCK ToucA71 Electronic Door Lock system, including the lock cylinder, smartphone app interface, RFID cards, and mechanical emergency keys.

2. PRODUCT OVERVIEW AND FEATURES

The WELOCK ToucA71 is an advanced electronic door lock offering multiple access methods and enhanced security features. It is designed for doors with a thickness between 50mm and 100mm.

Key Features:

- **6-in-1 Unlocking Methods:** Fingerprint, Passcode, RFID Card, Smartphone App, Mechanical Key, and optional Wi-Fi Box for remote access.

- **User Capacity:** Supports 10 administrator fingerprints and 190 general user fingerprints.
- **Security:** IP65 rating for dust and water resistance, AI-AES-128 fingerprint encryption, anti-peeping passcode function, local storage of fingerprints.
- **Emergency Access:** Includes 2 mechanical emergency keys.
- **Adjustable Design:** Suitable for various door thicknesses.
- **Low Battery Warning:** Visual and audible alerts for low battery status.
- **Auto-Lock Function:** Automatically locks the door after a set period (7-15 seconds).

Mehrere Arten des Entriegelns – Smart Living



Image 2.1: Illustration of the various unlocking methods available with the Touca71 lock, including internal mounting, passcode entry, fingerprint recognition, RFID card swipe, smartphone app control, integration with Alexa (requires separate Wi-Fi box), and

mechanical emergency key access.

3. SETUP AND INSTALLATION

Before installation, ensure your door is compatible with an EU profile cylinder and has a thickness between 50mm and 100mm. The installation process involves replacing your existing cylinder with the WELOCK ToucA71.

3.1 Compatibility Check:

- The lock is designed for EU profile cylinders.
- Not compatible with UK Oval Cylinders or Swiss Round Cylinders.
- Suitable for covered doors and interior doors. Not recommended for outdoor garden doors.

WELOCK ToucA71-6-Sicherheitsgarantie



Auto-Lock



Entsperrung mit
Ersatzschlüssel



AI-AES-128-Fingerabdruck
Verschlüsselung



Anti-peeping
password



Lokale Speicherung
von Fingerabdrücken



Warnung bei niedrigem
Batteriestand



Image 3.1: Detailed diagram illustrating the installation process, including how to remove existing handles and cylinders, and insert the WELOCK ToucA71. It also shows compatible (EU Profile Cylinder) and incompatible cylinder types (UK Oval, Swiss Round).

3.2 Installation Steps:

- 1. Remove Existing Cylinder:** Unscrew the fixing screw on the side of your door that holds the current cylinder in place. Insert the key and turn it slightly to remove the cylinder.
- 2. Adjust Lock Length:** The WELOCK ToucA71 is adjustable. Loosen the screw on the inner knob to adjust its length to match your door thickness.
- 3. Insert New Cylinder:** Insert the WELOCK ToucA71 cylinder into the door. Ensure it is flush with the door surface on

both sides.

4. **Secure Cylinder:** Re-insert and tighten the fixing screw on the side of the door to secure the WELOCK ToucA71.
5. **Install Handles:** Attach the inner and outer handles. Ensure they are firmly in place.
6. **Test Functionality:** After installation, test all unlocking methods (fingerprint, passcode, mechanical key) to ensure the lock operates smoothly.

4. OPERATING INSTRUCTIONS

The WELOCK ToucA71 offers multiple convenient ways to unlock your door.

4.1 Fingerprint Unlocking:

- **Enrollment:** Refer to the WELOCK app instructions for enrolling administrator and user fingerprints. Up to 10 administrators and 190 general users can be registered.
- **Unlocking:** Place your registered finger firmly on the fingerprint sensor. The lock will emit a sound and unlock if the fingerprint is recognized.

4.2 Passcode Unlocking:

- **Setting Passcode:** Use the WELOCK app to set and manage passcodes.
- **Unlocking:** Enter your registered passcode on the keypad. The lock will unlock upon correct entry.
- **Anti-Peeping Function:** To prevent others from guessing your passcode, you can enter random digits before or after your actual passcode. For example, if your passcode is 123456, you can enter 987123456012. The lock will recognize the embedded correct sequence.

4.3 RFID Card Unlocking:

- **Registering Cards:** Use the WELOCK app to register the included RFID cards.
- **Unlocking:** Hold a registered RFID card near the lock's sensor. The lock will unlock when the card is recognized.

4.4 Smartphone App Control:

- **Download App:** Download the WELOCK app from your device's app store (iOS and Android compatible).
- **Pairing:** Follow the in-app instructions to pair your smartphone with the ToucA71 lock via Bluetooth.
- **Features:** The app allows you to unlock the door, manage users (add/delete fingerprints, passcodes, RFID cards), view access logs, and configure settings.
- **Remote Access:** For remote unlocking and management over Wi-Fi, a separate WELOCK Wi-Fi Box 3 is required.

WELOCK APP Entsperren, Kontrolle zu jeder Zeit und von überall



Image 4.1: The WELOCK smartphone application interface, demonstrating features such as digital key management, user access control, remote unlocking capabilities (with Wi-Fi box), and access log viewing.

4.5 Mechanical Key Unlocking:

- In case of battery depletion or electronic malfunction, use one of the two provided mechanical emergency keys to unlock the door.
- Insert the key into the keyhole on the outer knob and turn to unlock.

4.6 Auto-Lock Function:

- The lock is equipped with an auto-lock feature that automatically re-locks the door after 7-15 seconds of being unlocked.
- This feature enhances security by ensuring the door is always locked after entry or exit.



Image 4.2: Visual representation of the auto-lock function, which automatically secures the door after a short delay. Also highlights the battery life of approximately 10 months using 3 AAA batteries.

5. MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your WELOCK ToucA71 lock.

5.1 Battery Replacement:

- The lock requires 3 AAA batteries (not included).
- When the battery level is low, the lock will provide a visual warning on its screen and an audible alert. The WELOCK app will also display the battery status.
- To replace batteries, remove the inner knob cover, replace the old batteries with new ones, and reattach the cover.

WELOCK Erinnerungs-Warnfunktion und Schutz der Haussicherheit

Warnung bei schwacher Batterie



APP Entriegelung Rekord



Anti-Peep Passcode



Stiller Modus



Image 5.1: Displays the low battery warning indicator on the lock's display and within the WELOCK app. Also illustrates the app's unlock record feature, the anti-peep passcode method, and the silent mode option.

5.2 Cleaning:

- Wipe the lock's surface with a soft, dry cloth.
- Avoid using abrasive cleaners or solvents, as these can damage the finish and electronic components.

6. TROUBLESHOOTING

If you encounter issues with your WELOCK ToucA71, refer to the following common problems and solutions.

- **Lock Not Responding:** Check battery level. Replace batteries if low. If still unresponsive, use the mechanical emergency key.
- **Fingerprint Not Recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint through the app. Ensure you are placing your finger correctly on the sensor.
- **Passcode Entry Issues:** Double-check the passcode. Remember the anti-peeping function allows extra digits; ensure the correct sequence is embedded.
- **RFID Card Not Working:** Ensure the card is registered. Try holding the card closer to the sensor.
- **App Connectivity Problems:** Ensure Bluetooth is enabled on your phone. If using remote access, verify the WELOCK Wi-Fi Box 3 is properly connected and configured.
- **Lock Mechanism Jammed:** Do not force the lock. Use the mechanical key. If the issue persists, contact customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	ToucA71
Brand	WE.LOCK
Dimensions (L x W x H)	19 x 5 x 5 cm
Weight	500 grams
Material	Copper, Zinc, Plastic
Color	Silver
Lock Type	EU Profile Cylinder 40/30 mm
Door Thickness Compatibility	50mm to 100mm
Special Features	Key Unlock, Passcode Unlock, Fingerprint, Automatic Locking
Included Components	1 WELOCK ToucA71 electronic lock, 3 RFID cards, 2 spare keys, 1 special Allen key
Batteries Required	Yes (3x AAA, not included)
Recommended Use	Covered doors, interior doors. Mountable only from the exterior. Not suitable for garden/outdoor doors.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or visit the official WELOCK website. If you encounter any issues not covered in this manual, please contact WELOCK customer service for assistance.

Manufacturer: WE.LOCK