RUILON WELOCK TOUCH63

RUILON Welock Touch63 Fingerprint Smart Door Lock User Manual

Model: WELOCK TOUCH63

1. INTRODUCTION

Thank you for choosing the RUILON Welock Touch63 Fingerprint Smart Door Lock. This advanced electronic lock offers multiple unlocking methods for enhanced security and convenience. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and user satisfaction.

The Welock Touch63 features:

- Multiple unlocking methods: Fingerprint, RFID Card, Bluetooth App, USB emergency unlock, and optional WiFi control.
- Adjustable lock cylinder to fit various door thicknesses.
- IP65 waterproof rating for indoor and outdoor use.
- Automatic locking feature for added security.
- Real-time status monitoring and unlock logs via the mobile application.

Figure 1.1: Overview of the Welock Touch63 Smart Door Lock components, including the lock cylinder, mobile app interface, RFID cards, and fingerprint reader.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing and operating the Welock Touch63 Smart Door Lock. Failure to follow these instructions may result in damage to the product, property, or personal injury.

- **Operating Environment:** The lock is designed to operate in temperatures ranging from -25°C to 60°C.
- **Water Resistance:** The lock has an IP65 waterproof rating, making it suitable for both indoor and outdoor use. However, avoid submerging the device in water.
- **Emergency Access:** In case of a power failure or dead batteries, the lock can be opened from the inside. An external USB port is provided for emergency power supply using a power bank (not for charging internal batteries).
- **Battery Safety:** Use only 3 x AAA 1.5V batteries. Do not mix old and new batteries, or different types of batteries. Replace batteries promptly when the low battery reminder is issued.
- **Installation:** Ensure the lock is installed correctly according to the provided instructions to prevent malfunction. If unsure, seek professional assistance.

- **Cleaning:** Use a soft, dry cloth for cleaning. Avoid abrasive cleaners or solvents that may damage the finish or electronic components.

3. Setup and Installation

The Welock Touch63 is designed for easy installation, replacing existing mechanical cylinder knobs without the need for drilling or extensive wiring. Refer to the detailed user manual included in the product packaging for step-by-step instructions.

3.1 Compatibility Check

Before installation, verify that your door and existing lock mechanism are compatible with the Welock Touch63. The lock is suitable for doors with a thickness between 50 mm and 100 mm.

Figure 3.1: Illustrations demonstrating compatible door lock types (front and rear lock holes, armored doors) and incompatible types (vintage door locks, UK oval cylinders).

3.2 Installation Steps Overview

The installation process typically involves:

1. Removing the existing mechanical cylinder knob.
2. Adjusting the length of the Welock Touch63 cylinder to match your door thickness. The outer knob length is adjustable from 40 mm to 55 mm, and the inner knob from 30 mm to 60 mm.
3. Inserting the new smart lock cylinder.
4. Securing the lock with the provided screws and Allen key.
5. Installing 3 x AAA batteries (not included).

Figure 3.2: Detailed diagram illustrating suitable door dimensions (50-100mm thickness) and the adjustable nature of the lock cylinder, along with how the front and rear handles can be removed for installation.

4. OPERATING INSTRUCTIONS

The Welock Touch63 offers multiple convenient ways to unlock your door.

4.1 Unlocking Methods

- **Fingerprint:** Place your registered finger on the fingerprint sensor. The lock supports up to 100 fingerprints, including 3 administrator fingerprints and 97 normal user fingerprints.
- **RFID Card:** Present a registered RFID card to the lock's sensor. The package includes 3 RFID cards,

and the lock can store up to 20 authorized cards.

- **Bluetooth App:** Use the Welock mobile application on your smartphone to unlock the door via Bluetooth connection.
- **USB Emergency Unlock:** If batteries are depleted, connect a power bank to the lock's USB port for temporary power to unlock via the app. This port is for emergency power only and does not recharge the internal batteries.
- **Optional WiFi Control:** With a separately purchased Welock WiFi Box gateway, you can unlock the door remotely via the Welock app from anywhere with an internet connection.

Figure 4.1: Visual representation of the various unlocking methods available for the Welock Touch63, including fingerprint, RFID card, mobile application, and USB emergency power.

4.2 Welock Mobile Application

The Welock app provides comprehensive control and monitoring features:

- **Unlock:** Remotely unlock the door (via Bluetooth or WiFi with gateway).
- **Authorization Management:** Add, modify, or delete user fingerprints and RFID cards.
- **User Management:** Create and manage different user profiles, including temporary access.
- **Unlock Record:** View a history of door openings, including method used and user.

- **Sync Time:** Ensure the lock's internal clock is accurate.
- **Factory Reset:** Option to reset the lock to its default settings.

Figure 4.2: Screenshot of the Welock app interface, highlighting features such as unlock, authorization, user management, unlock records, and USB backup unlock.

4.3 Auto-Lock Feature

The lock automatically engages within 7-14 seconds after being unlocked, providing an additional layer of security and peace of mind.

4.4 WiFi Control (Optional)

To enable remote WiFi control, a separate Welock WiFi Box gateway is required. This gateway connects your lock to your home network, allowing you to manage and unlock the door from anywhere via the Welock app.

Figure 4.3: Illustration showing the Welock Touch63 lock wirelessly connected to a Welock WiFi Box, enabling remote control functionality.

5. MAINTENANCE

5.1 Battery Replacement

The Welock Touch63 is powered by 3 x AAA 1.5V batteries (not included). The lock will issue a low battery reminder when the power level drops below 20%. It is crucial to replace the batteries promptly to ensure continuous operation. Under normal usage (10 times a day), batteries can last up to 1 year.

5.2 Cleaning

To maintain the appearance and functionality of your lock, wipe it regularly with a soft, dry cloth. Avoid using harsh chemicals, abrasive cleaners, or excessive moisture, which can damage the electronic components or finish.

6. TROUBLESHOOTING

If you encounter any issues with your Welock Touch63, refer to the following common problems and solutions:

- **Lock Not Responding:** Check the battery level. If the batteries are low or dead, replace them or use the USB emergency power feature with a power bank.
- **Fingerprint Not Recognized:** Ensure your finger is clean and dry. Re-register your fingerprint if the issue persists. Ensure the fingerprint sensor is clean.
- **RFID Card Not Working:** Ensure the card is properly registered. Try re-registering the card.
- **App Connection Issues:** Ensure Bluetooth is enabled on your phone and you are within range. If using WiFi, verify the Welock WiFi Box is properly set up and connected to the internet.
- **"Motor Error" Message:** This may indicate an issue with the lock's internal mechanism or improper installation. Double-check the installation steps, especially the cylinder adjustment. If the problem persists, contact customer support.
- **Auto-Lock Not Engaging:** Verify that the auto-lock feature is enabled in the app settings.

For more complex issues, consult the full user manual or contact customer support.

7. SPECIFICATIONS

Feature	Specification
Product Type	Electronic Door Lock with Fingerprint
Unlocking Methods	Fingerprint, RFID Card, Bluetooth App, USB (emergency), Optional WiFi
Fingerprint Capacity	100 (3 administrators, 97 normal users)
Smart Card Capacity	20 (3 included)
Working Temperature	-25°C to 60°C
Power Supply	3 x AAA batteries (not included)
Battery Life	Up to 1 year (based on 10 unlocks/day)
Waterproof Rating	IP65
Recommended Door Thickness	50 mm - 100 mm
Adjustable Cylinder Length (Outer)	40 mm - 55 mm
Adjustable Cylinder Length (Inner)	30 mm - 60 mm
Material	Stainless Steel and Zinc Alloy
Dimensions (L x W x H)	18.5 x 4 x 4 cm
Weight	600 g
Included Components	1 x Electronic Door Lock, 3 x RFID Cards, 1 x Allen Key, 1 x User Manual

8. WARRANTY AND SUPPORT

RUILON is committed to providing high-quality products and customer satisfaction. While specific warranty details are not provided in this document, a professional customer service team is available to assist you with any questions or concerns regarding your Welock Touch63 Fingerprint Smart Door Lock.

For support, please refer to the contact information provided in your product packaging or visit the official RUILON website.