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Inkbird INK-SLD4-SN

InkbirdPlus Fingerprint Door Lock

MODEL: INK-SLD4-SN

Instruction Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your InkbirdPlus Fingerprint Door Lock, Model INK-SLD4-SN. This smart deadbolt offers multiple unlocking methods and advanced security features for your home or office. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

2. Product Features

- **Keyless Entry:** Unlock your door using fingerprint, password, Bluetooth via app, IC card, or a traditional physical key.
- **Fast Fingerprint Recognition:** Recognizes your fingerprint within 0.3 seconds and unlocks in 1.5 seconds.
- **Anti-Peeping Password:** Enter random digits before or after your actual password to prevent others from guessing your code.
- **Dynamic Password:** Generate one-time passwords valid for 5 minutes via the INKBIRD app for temporary access.
- **Auto Lock:** Customizable auto-lock time (3-30 seconds) via the INKBIRD app.
- **One-Touch Keep Unlock:** A dedicated button allows the lock to remain unlocked when needed.
- **Local Data Storage:** All user data is stored locally on the device, controlled via Bluetooth for enhanced privacy.
- **Security Lockout:** The lock automatically disables for 3 minutes after 10 incorrect password attempts.
- **Long Battery Life:** Powered by 4 AA batteries (not included), providing approximately 13,200 door openings (about 1 year).
- **Emergency Power:** Features a Type-C USB port for emergency charging if batteries deplete.
- **Easy Installation:** Designed for straightforward installation with basic tools.

3. Installation Guide

For a visual guide, please refer to the official installation video below. Follow these steps carefully for proper installation.

▶ **Watch video online**
Installation Steps Of INK-SLD4

Video: Installation Steps Of INK-SLD4. This video demonstrates the complete installation process for the InkbirdPlus smart door lock.

1. **Prepare the Door:**
   Use the provided installation template to mark the positions for the bore hole, mortise hole, and door frame hole. Ensure that the three center points of these holes are aligned horizontally at the same height.

2. **Install the Latch:**
   If your door's backset is 70mm (2-3/4"), extend the latch as shown in the video. Insert the latch into the door edge, ensuring the "UP" arrow on the latch faces upwards. Secure the latch with the appropriate screws (S1 for wooden doors, S2 for metal doors). Test the latch mechanism to ensure smooth operation. Keep the latch in the unlocked position during the remainder of the installation.



Image: Diagram illustrating door dimensions and the latch mechanism. Ensure the latch is correctly oriented and secured.

3. **Install the Strike Plate:**
   Insert the plastic strike box into the door frame. Place the metal strike plate over the plastic box and secure it with the appropriate screws (S1 for wooden doors, S2 for metal doors).

4. **Install the Front Panel:**
   Ensure the torque blade of the latch is in a horizontal state. Feed the cable from the front panel through the door hole. Carefully align the torque blade with the corresponding slot in the front panel. Secure the front panel to the door.

5. **Install the Back Panel:**
   Feed the cable from the front panel through the designated hole in the back panel. Connect the cable to the slot on the back panel, ensuring the buckle is facing upward. Secure the back panel to the front panel using the appropriate screws (S4 for door thickness 35mm-45mm, S5 for door thickness 45mm-55mm). Ensure the screws are parallel to the door edge.

6. **Insert Batteries:**
   Install 4 AA alkaline batteries into the battery compartment of the back panel.

7. **Reset the Lock:**
   After installing the batteries, press and hold the reset button (located inside the battery compartment) for 5 seconds. You will hear a voice prompt "Factory reset successfully."

8. **Adjust Door Opening Direction (if necessary):**
   If the door opening direction needs to be changed, confirm the thumb turn on the back panel is in the locked position. Then, on the front keypad, press '7' followed by the lock icon. You can then modify the door opening direction settings through the INKBIRD app.

4. Operating Instructions

4.1 Unlocking Methods

- **Fingerprint Unlock:**
  Place your registered finger on the fingerprint sensor. The lock will unlock if the fingerprint is recognized.



Image: Demonstrates the five unlocking methods: fingerprint, anti-peep keypad, Bluetooth via app, IC card, and physical key.

- **Keypad Unlock (Password):**
  Enter your registered password on the touchscreen keypad. For enhanced security, you can use the anti-peeping feature by entering random digits before or after your actual password.



Image: Illustrates the anti-peeping password feature, allowing users to input random digits before or after their actual code.

- **Bluetooth Unlock (via INKBIRD App):**
  Ensure Bluetooth is enabled on your smartphone and you are within range of the lock. Open the INKBIRD app, select your lock, and tap the unlock button.



Image: Highlights the secure Bluetooth control via the INKBIRD app and the local storage of user data for privacy.

- **IC Card Unlock:**
  Present a registered IC card to the card reader area on the lock. The lock will unlock upon successful recognition.
- **Physical Key Unlock:**
  Insert the physical key into the keyhole and turn to unlock the deadbolt. This method serves as a backup in case of electronic failure or depleted batteries.

4.2 Automatic Locking and One-Touch Unlock

- **Auto Lock:**
  The lock can be configured via the INKBIRD app to automatically lock after a set period (3-30 seconds) once the door is closed. This feature ensures your door is always secured.



Image: Illustrates the automatic locking mechanism and the one-touch unlock button on the smart lock.

- **One-Touch Keep Unlock:**
  Use the dedicated unlock button on the back panel to temporarily disable the auto-lock feature, keeping the door unlocked for extended periods when needed.

4.3 App Management

The INKBIRD app allows you to manage users, generate dynamic passwords, view access logs, and customize various lock settings, including auto-lock delay and door opening direction.

5. Maintenance

- **Battery Replacement:**
  The lock uses 4 AA batteries. When the battery level is low, you will receive an alert. Replace all four batteries simultaneously with new alkaline batteries. Do not mix old and new batteries or different battery types.

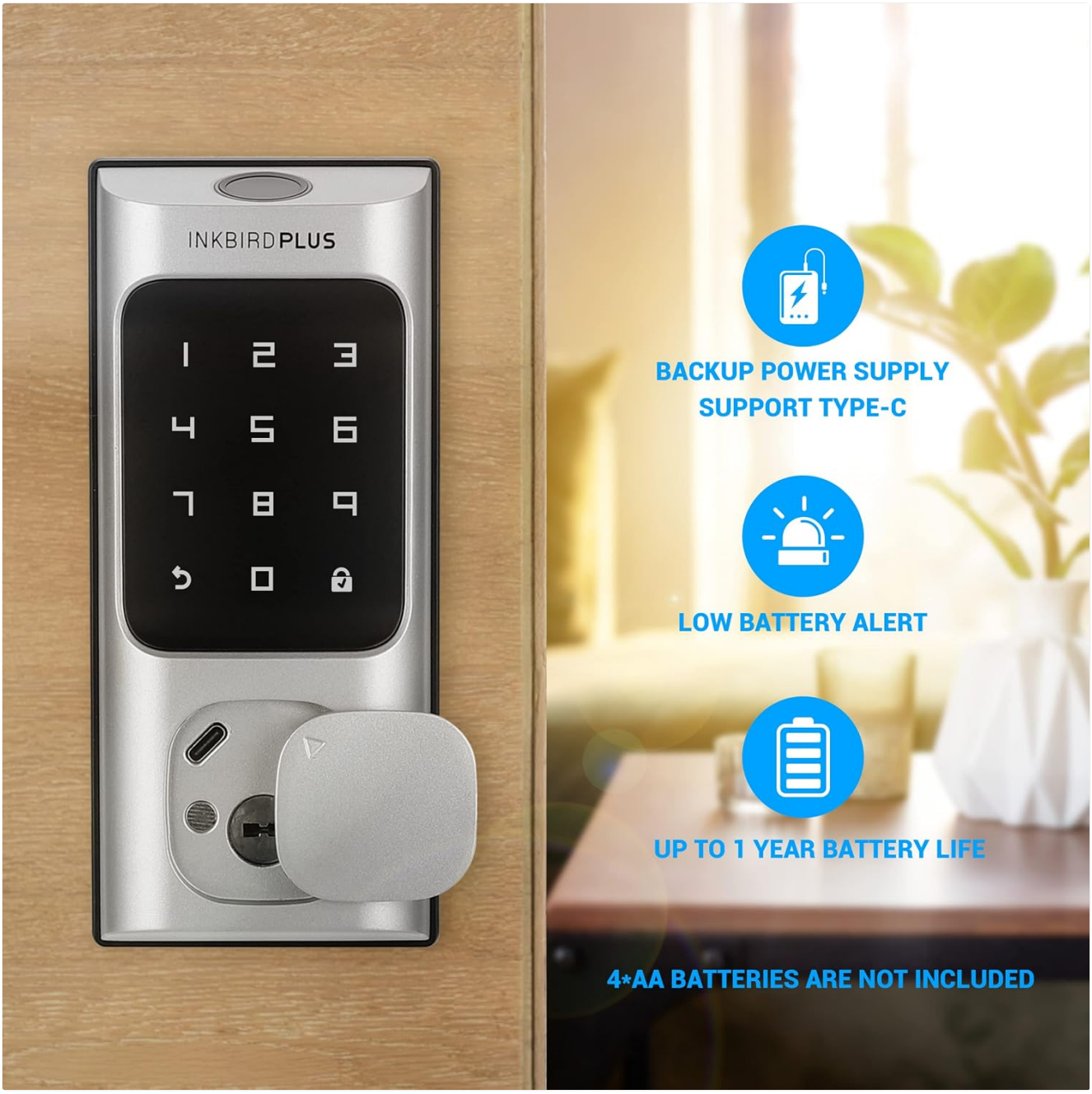


Image: Displays the battery compartment, indicating support for Type-C backup power, low battery alerts, and up to 1 year of battery life.

- **Cleaning:**
  Clean the lock's exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components. Regularly clean the fingerprint sensor to ensure optimal performance.
- **Regular Checks:**
  Periodically check all screws and components to ensure they are secure. Ensure the door and frame are free of obstructions that could impede the lock's operation.

6. Troubleshooting

- **Lock is unresponsive:** Check battery levels and replace if necessary. Use the Type-C emergency power if batteries are completely drained.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint in the app. Ensure the sensor is clean.
- **Keypad not responding:** Check battery levels. If the lock is in security lockout mode (after 10 incorrect attempts),

wait 3 minutes.

- **App connectivity issues:** Ensure Bluetooth is enabled on your phone and you are within close proximity to the lock. Restart the app or your phone.
- **Auto-lock not working:** Verify the auto-lock setting is enabled and the delay time is configured correctly in the INKBIRD app. Ensure the door sensor is not obstructed.
- **Door opening direction incorrect:** Follow the steps in Section 3.8 to adjust the door opening direction via the app.

7. Specifications

Feature	Specification
Brand	Inkbird
Model Number	INK-SLD4-SN
Special Features	Fingerprint, Smart Lock, Touchscreen
Lock Type	Keypad
Material	Zinc
Color	Satin Nickel
Item Dimensions (L x W x H)	1.27 x 1.26 x 7.28 inches
Item Weight	16 ounces (1 pound)
Connectivity Protocol	Bluetooth
Power Source	4 AA Batteries (not included)
Emergency Power	Type-C USB
Smart Home Compatibility	Smart Home Compatible

8. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product packaging or visit the official Inkbird website. Keep your purchase receipt as proof of purchase for warranty claims.

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