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Buoan YL-68-MINI

Buoan YL-68-MINI Keyless Entry Electronic Deadbolt Door Lock Instruction Manual

Model: YL-68-MINI | Brand: Buoan

1. Introduction

This manual provides detailed instructions for the installation, programming, operation, and maintenance of your Buoan YL-68-MINI Keyless Entry Electronic Deadbolt Door Lock. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

2. Safety Information

- Do not attempt to disassemble or repair the lock yourself. Contact customer support for assistance.
- Ensure all components are securely fastened during installation to prevent malfunction.
- Use only specified AAA alkaline batteries. Do not mix old and new batteries or different battery types.
- Keep physical keys in a secure location away from the lock.
- Regularly check battery levels and replace batteries promptly when the low battery indicator appears.

3. Package Contents

Verify that all the following components are included in your package:

- Exterior Keypad Assembly
- Interior Thumb Turn Assembly
- Deadbolt Latch
- Mounting Plate
- Strike Plate

- Screws (various sizes)
- 2 Physical Keys
- Installation Guide (this manual)

4. Product Specifications

Feature	Description
Model Name	YL-68-MINI
Lock Type	Electronic Deadbolt
Material	Aluminum (Carbon Steel Gears)
Door Thickness Compatibility	1.57 to 2.16 inches (40mm to 55mm)
Code Capacity	Up to 100 user codes
Code Length	4 to 12 digits
Power Source	4 x AAA Alkaline Batteries
Special Features	Anti-Peeping Password, Auto-Lock, Back-Lit Keypad, Low Battery Indicator, Silent Mode, Passage Mode
Item Weight	1.7 pounds (0.77 kg)

The Buoan YL-68-MINI features robust carbon steel gears for enhanced durability, distinguishing it from locks that may use plastic components.



Image: Comparison highlighting the carbon steel gears of the Buoan YL-68-MINI deadbolt against other locks that may use plastic gears, emphasizing durability.

5. Installation Guide

5.1 Door Preparation

Ensure your door meets the following specifications:

- Door Thickness: 1.57 to 2.16 inches (40mm to 55mm).
- Backset: Standard 2-3/8" or 2-3/4" (60mm or 70mm).
- Cross Bore: 2-1/8" (54mm).
- Edge Bore: 1" (25mm).

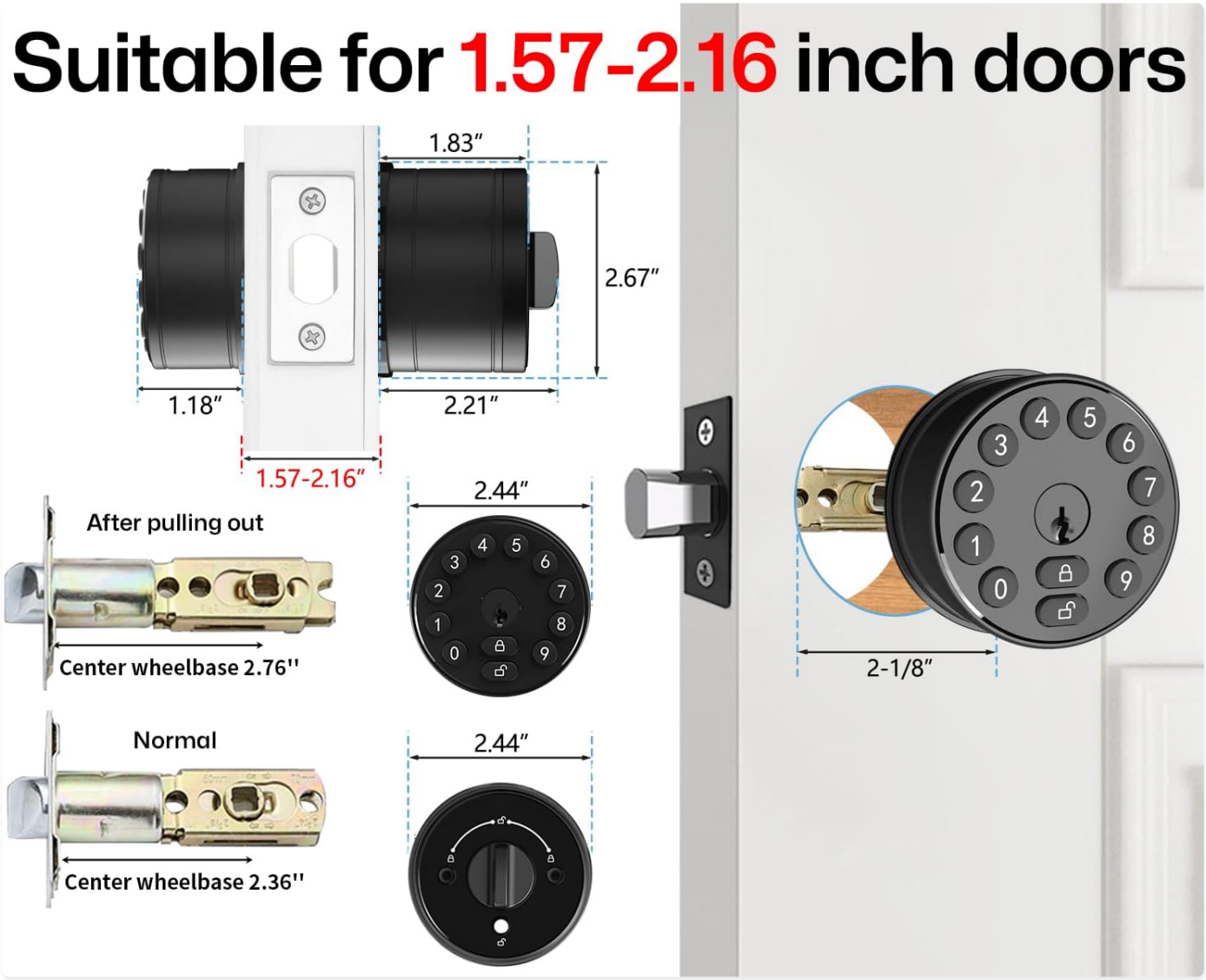


Image: Detailed diagram illustrating the required door dimensions and the measurements of the lock components for proper installation, including door thickness and backset.

5.2 Step-by-Step Installation

A screwdriver is the only tool required for installation.

1. **Install the Latch:** Insert the deadbolt latch into the edge bore of the door. Ensure the 'UP' arrow on the latch is pointing upwards. Secure it with screws. Adjust the backset if necessary (2-3/8" or 2-3/4").
2. **Install the Exterior Keypad Assembly:** Feed the cable through the cross bore. Align the exterior assembly with the latch and door, ensuring the spindle passes through the latch mechanism.
3. **Install the Mounting Plate:** Place the mounting plate on the interior side of the door, aligning it with the exterior assembly. Secure it with screws, ensuring the cable is not pinched.

4. **Install the Interior Thumb Turn Assembly:** Connect the cable from the exterior assembly to the interior assembly. Align the interior assembly with the mounting plate and secure it with screws. Ensure the thumb turn operates smoothly.
5. **Install the Strike Plate:** Install the strike plate on the door frame, aligning it with the deadbolt latch. Secure it with screws.
6. **Insert Batteries:** Open the battery cover on the interior assembly and insert 4 AAA alkaline batteries, observing polarity. Close the cover.
7. **Test Operation:** Test the lock with the default code (if any) and physical key to ensure smooth operation before closing the door.



Image: Illustration demonstrating that the lock is suitable for installation on both left-handed and right-handed doors, indicating flexible orientation.

6. Programming and Setup

6.1 Initial Setup

Upon first power-up, the lock will be in factory default mode. Refer to the quick start guide for initial programming steps, typically involving setting an administrator code.

6.2 Setting User Codes

The lock supports up to 100 user codes, each 4 to 12 digits long. Consult the quick start guide for specific button sequences to add, modify, or delete user codes.



Image: Visual representation of the keypad lock, highlighting its capacity for up to 100 user codes (4-12 digits) and the inclusion of 2 physical keys for alternative access.

6.3 Anti-Peeping Password Feature

To enhance security, you can enter random digits before or after your actual password. This prevents others from guessing your code by observing your finger movements.
*Example: If your code is 1234, you can enter 58**1234**79 to unlock the door.*

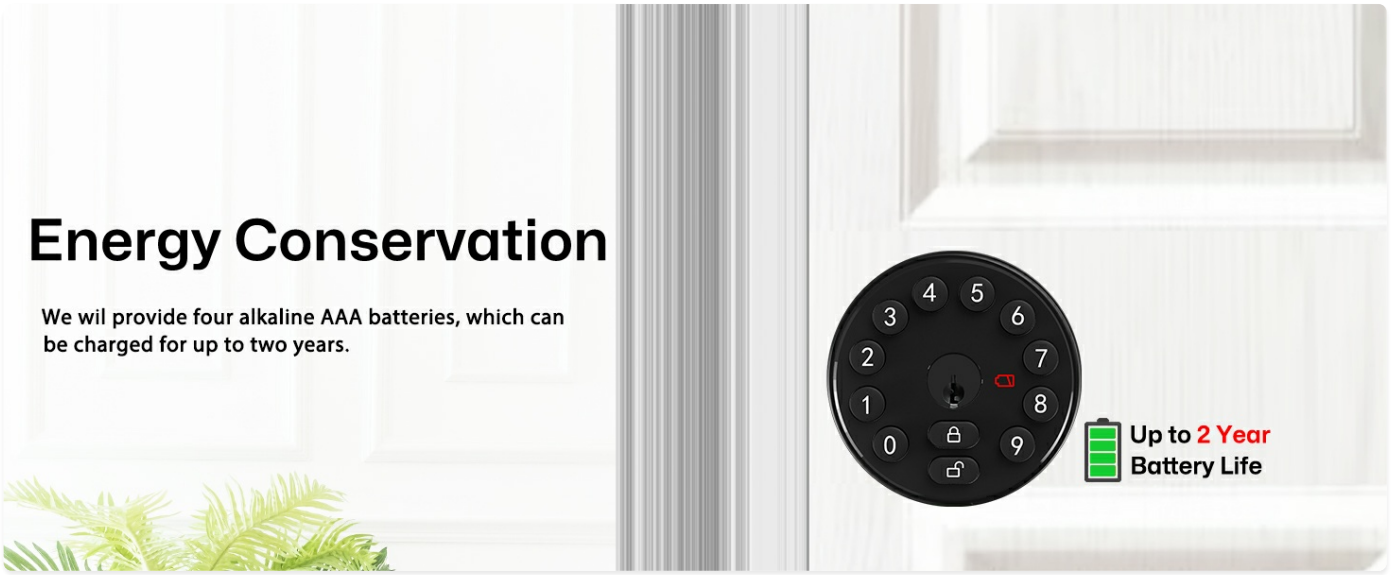


Image: A visual explanation of the anti-peeping password function, showing how random digits can be added before and after the actual

password to obscure it from onlookers.

6.4 Auto-Lock Function

The lock can be configured to automatically lock after a set period (e.g., 3 seconds) when used in conjunction with an Automatic Door Lock Sensor. This feature can be enabled or disabled as needed.

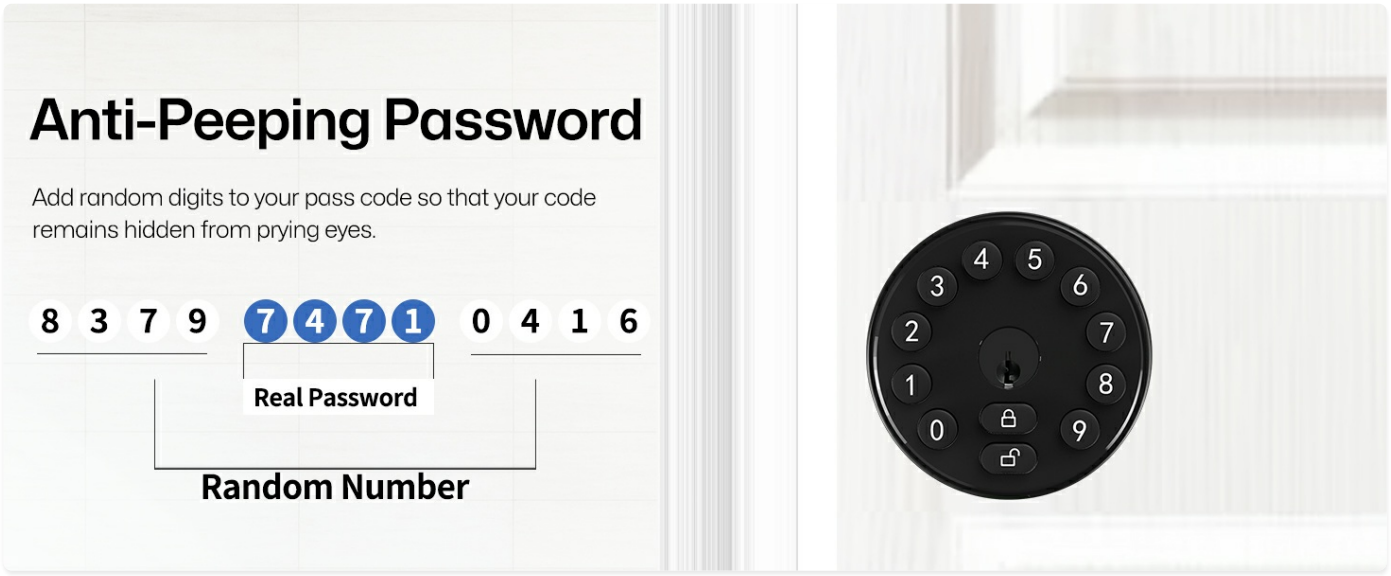


Image: A graphic demonstrating the automatic locking feature, where the deadbolt engages 3 seconds after the door is closed, facilitated by a door sensor.

6.5 Silent Mode

The lock offers a silent mode to disable keypad beeps for quiet operation. Refer to the programming instructions for enabling/disabling this feature.

6.6 Passage Mode

Passage mode allows the door to remain unlocked for continuous access without requiring a code. This is useful for high-traffic periods. Consult the programming instructions to activate or deactivate passage mode.

7. Operating Instructions

7.1 Unlocking with Code

Enter your 4-12 digit user code (optionally with random digits before/after for anti-peeping) on the keypad. The lock will beep, and the deadbolt will retract, allowing you to open the door.

7.2 Unlocking with Key

Insert one of the provided physical keys into the keyhole on the exterior keypad assembly. Turn the key to retract the deadbolt and open the door.



Image: A hand inserting a physical key into the lock's keyhole, demonstrating the manual unlocking method for the deadbolt.

7.3 Locking the Door

- **Manual Locking:** From the interior, turn the thumb turn to extend the deadbolt.
- **Automatic Locking:** If the auto-lock function is enabled and a door sensor is installed, the lock will automatically engage the deadbolt after the door closes and the set time (e.g., 3 seconds) has elapsed.

8. Maintenance

8.1 Battery Replacement

The lock requires 4 AAA alkaline batteries. When the red battery indicator light on the keypad illuminates, it signifies low battery power. Replace all four batteries promptly to ensure continuous operation.



Image: The keypad displaying a red low battery alarm indicator, prompting the user to replace the batteries.

8.2 Cleaning

Clean the lock's exterior surfaces with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish or electronic components.

9. Troubleshooting

- **Lock not responding:** Check battery levels. Replace batteries if low. Ensure the cable connection between the exterior and interior assemblies is secure.
- **Keypad not lighting up:** Replace batteries.
- **Cannot set codes:** Ensure you are in programming mode. Refer to the programming section for correct steps.
- **Deadbolt not extending/retracting fully:** Check for obstructions in the door frame or latch mechanism. Ensure the latch is installed correctly and the backset is appropriate.
- **Auto-lock not working:** Verify that the auto-lock feature is enabled in programming. Ensure the Automatic Door Lock Sensor is correctly installed and functioning.

10. Warranty and Support

For any questions, technical assistance, or warranty inquiries, please contact Buoan customer service. We aim to reply to all messages within 24 hours.
Contact information can typically be found on the product packaging or the official Buoan website.

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