

Revolo RE001

Revolo RE001 Electronic Keypad Deadbolt User Manual

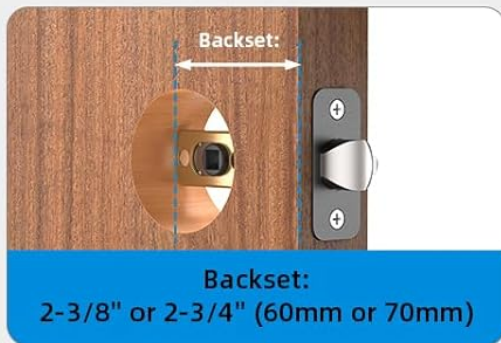
Comprehensive instructions for the installation, operation, and maintenance of your Revolo RE001 Electronic Keypad Deadbolt. This manual provides essential information to ensure optimal performance and security.

1. SETUP AND INSTALLATION

1.1 Door Compatibility and Dimensions

The Revolo RE001 Electronic Keypad Deadbolt is designed for standard door specifications. Ensure your door meets the following requirements for proper installation:

- **Door Hole Diameter:** Only fits 2-1/8 inches (54 mm) door holes. 38 mm door holes are not applicable.
- **Door Thickness:** Compatible with doors ranging from 1-3/8 inches to 2 inches (35 mm to 50 mm).
- **Backset:** Adjustable for 2-3/8 inches (60 mm) or 2-3/4 inches (70 mm).



✓ Left
Handed
Door

✓ Right
Handed
Door

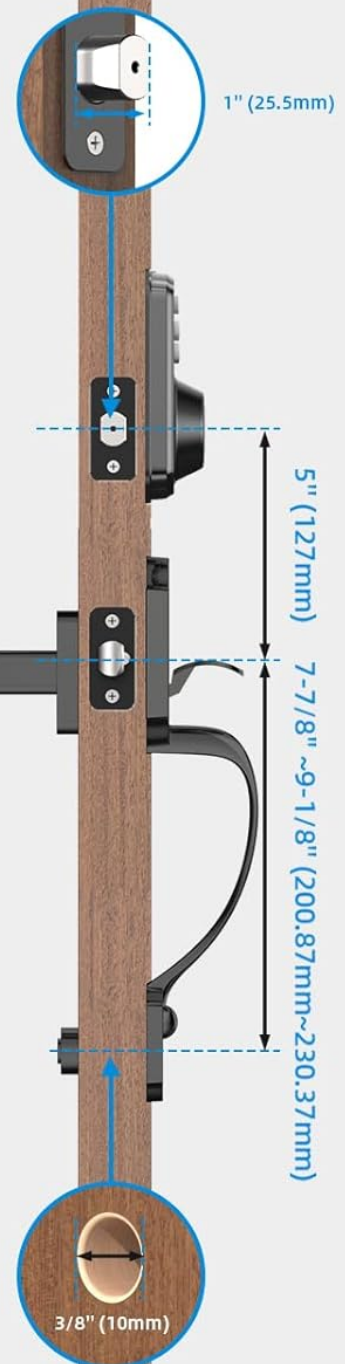
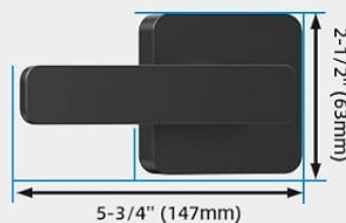


Figure 1: Detailed dimensions and door compatibility for the Revolo RE001 lock. This diagram illustrates the required door hole diameter, door thickness, and backset measurements, along with the dimensions of the keypad and handle components.



Figure 2: Compatibility overview for the Revolo RE001. The lock is compatible with single cylinder deadbolts but not with mortise locks, integrated locks, or rim cylinder locks.

1.2 Quick Installation Guide

The Revolo RE001 is designed for quick installation, typically within 15 minutes, requiring only a screwdriver. Follow the steps below for a smooth setup:

- 1. Prepare the Door:** Ensure your door has the correct hole diameter (2-1/8 inches or 54 mm) and thickness (1-3/8 to 2 inches or 35 mm to 50 mm).
- 2. Install Latch and Strike Plate:** Insert the latch into the door edge and secure it. Install the strike plate on the door frame, aligning it with the latch.
- 3. Mount Exterior Assembly:** Place the exterior keypad assembly onto the door, ensuring the spindle aligns with the latch mechanism.
- 4. Mount Interior Assembly:** Attach the interior assembly, connecting the cable from the exterior unit. Secure both assemblies with screws.
- 5. Install Batteries:** Insert 4 AA batteries (not included) into the battery compartment of the interior assembly.
- 6. Perform Handing Procedure:** After battery installation, the lock will beep. Press and hold the reset button (located near the battery compartment) while removing one battery. Reinsert the battery while still holding the reset button. Release the button after a beep. The lock will cycle to determine door handing (left or right). This step is crucial for proper function.
- 7. Test Operation:** Test the lock manually with the key and electronically with a default or newly programmed code to ensure full functionality.

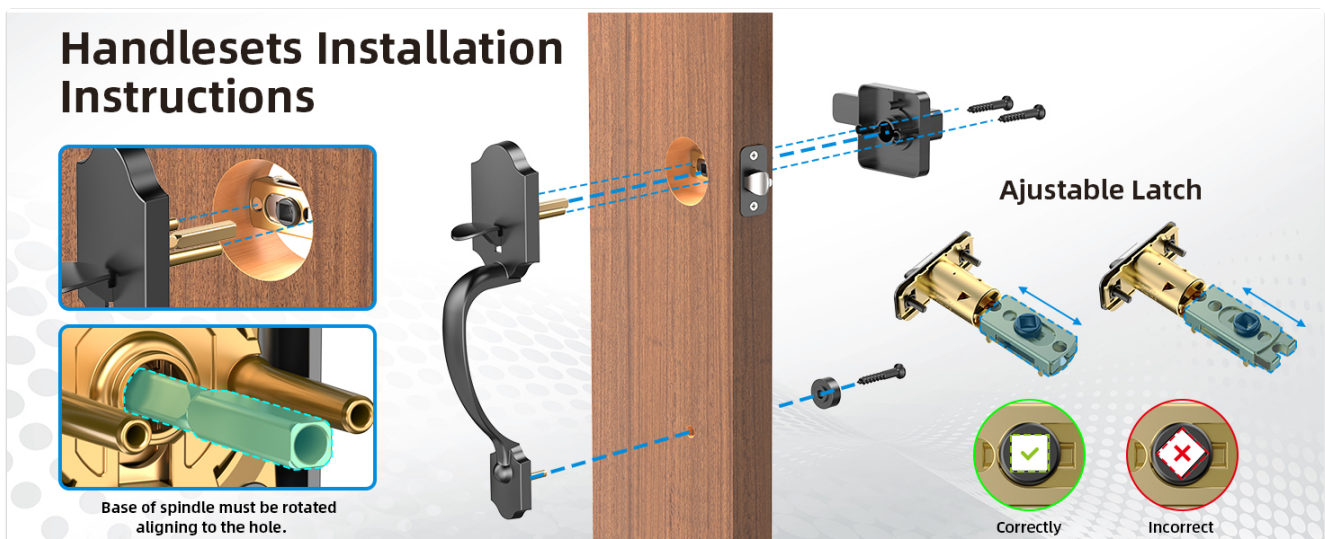
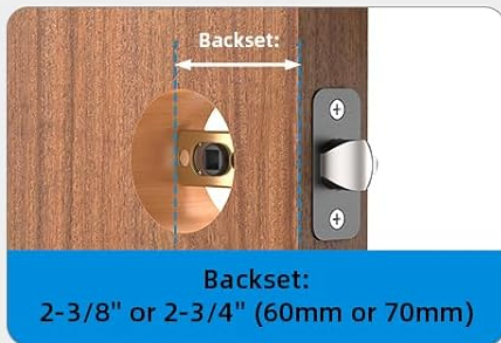


Figure 3: Handleset installation instructions. This image details how to correctly install the adjustable latch and ensure the spindle is properly aligned with the door hole.

2. OPERATING INSTRUCTIONS

2.1 Keyless Entry and User Codes

The Revolo RE001 offers convenient keyless entry with support for up to 20 unique access codes. This allows for personalized access for family members, relatives, guests, and service providers.



✓ **Left
Handed
Door**

✓ **Right
Handed
Door**

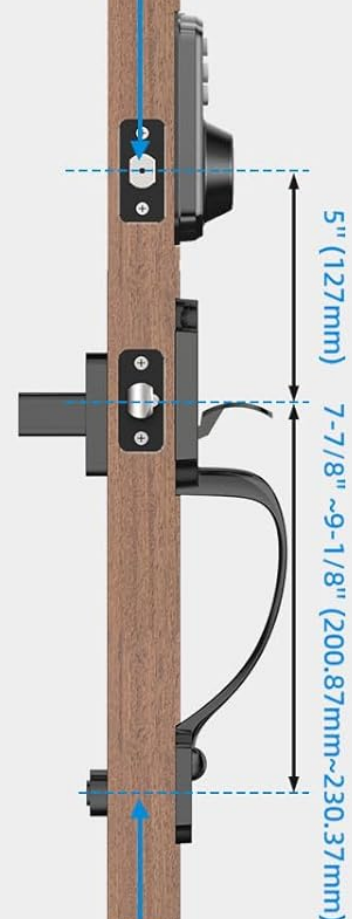
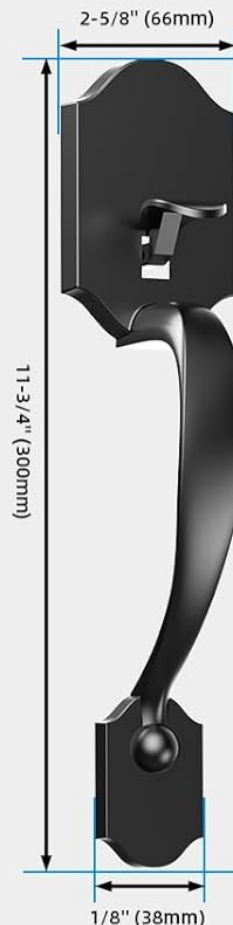


Figure 4: The Revolo RE001 supports up to 20 user codes, allowing different individuals such as family members, relatives, guests, and service personnel to have their own customized unlock methods.

2.2 One-Time PIN Code

For temporary access, such as for a one-time guest or a delivery, you can generate a single-use PIN code. This code will expire after its first use, enhancing security.

One-Time PIN Code



The entry code
is **159267**.

Okay, I am in Thanks.



Figure 5: Example of a one-time PIN code being used for temporary access. This feature allows for secure, single-use entry for visitors or service personnel.

2.3 Auto-Locking and One-Touch Locking

The lock offers flexible locking options for enhanced security and convenience:

- **Auto-Locking:** The lock can be configured to automatically lock after a set period, typically between 10-99

seconds. This prevents the door from being left unlocked unintentionally.

- **One-Touch Locking:** For immediate locking, simply press and hold any key on the keypad for 2 seconds. This provides quick and easy security.

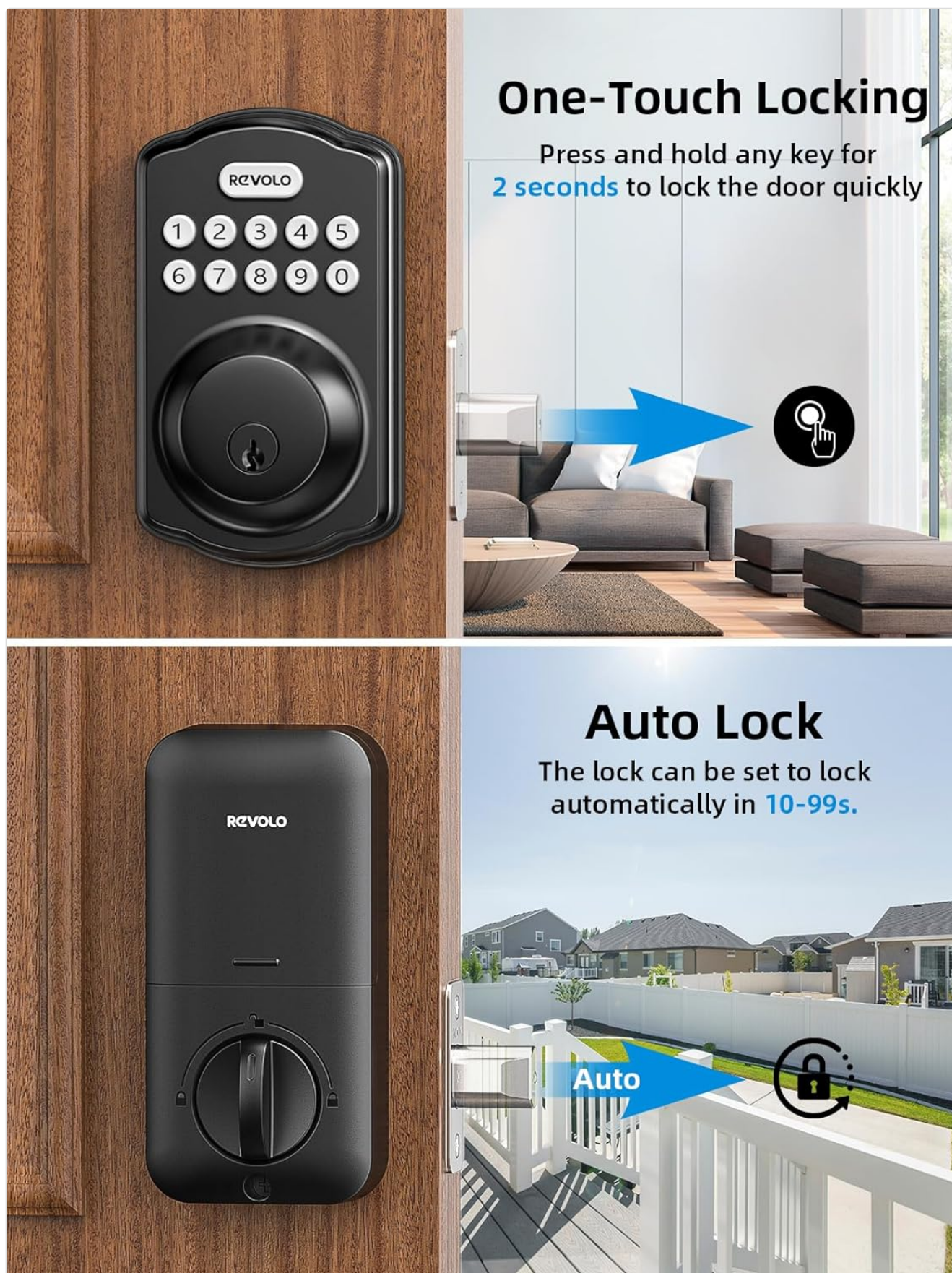


Figure 6: Visual representation of the one-touch locking and auto-lock functions. The top panel shows how to activate one-touch locking, while the bottom panel illustrates the automatic locking feature after a set time.

2.4 Anti-Peeking Password

To protect your access code from being observed by others, the anti-peeking password feature allows you to enter random digits before or after your actual code. The lock will still recognize your correct code within the sequence.



Figure 7: The anti-peeking password feature allows users to input random digits before and after their actual password, preventing onlookers from discerning the correct code.

2.5 Mute Mode

For quiet operation, the lock can be set to mute mode, silencing keypad tones and locking/unlocking sounds. This is useful for maintaining a quiet environment, especially during late hours.



Figure 8: Mute mode allows for silent operation of the lock, ideal for maintaining quiet, such as when a child is sleeping.

2.6 Vacation Mode

When going on an extended trip, activate vacation mode to disable all user codes temporarily. This ensures no one can access your property using a code while you are away, providing an extra layer of security.



Figure 9: Vacation mode provides enhanced security by temporarily disabling all user codes when you are away for an extended period.

3. MAINTENANCE

3.1 Battery Management

The Revolo RE001 is designed for long-lasting performance, with a battery life of up to 1 year under normal usage. The lock will provide a low battery alert when the batteries need replacement.

Work in all Weather



158°F High
Temperature
Resistance



-22°F Low
Temperature
Resistance



IP54
Waterproof



Figure 10: The keypad displays a low battery alert, indicating that the batteries need to be replaced to ensure continued operation.
The lock can provide up to 1 year of battery life.

When the low battery alert appears, replace all four AA batteries promptly to avoid interruption of service. Ensure correct polarity when inserting new batteries.

3.2 Durability and Weather Resistance

Constructed from sturdy zinc alloy, the Electronic Keypad Deadbolt is built to withstand the rigors of daily use and various environmental conditions. It has been tested for durability over 30 years of typical household use.

The lock features an IP54 rating, making it weather-resistant and suitable for outdoor use, protecting it from rain and other elements across a wide temperature range.

- **High Temperature Resistance:** Up to 158°F (70°C)
- **Low Temperature Resistance:** Down to -22°F (-30°C)



Figure 11: The Revolo RE001 is designed to work in all weather conditions, featuring IP54 waterproofing and resistance to extreme temperatures, from 158°F down to -22°F.

4. TROUBLESHOOTING

This section addresses common issues you might encounter with your Revolo RE001 Electronic Keypad Deadbolt.

4.1 Lock Not Responding / Incorrect Handing

If the deadbolt does not extend or retract properly, or if it cycles back and forth without changing direction, the door handing procedure may need to be re-performed or there might be a hardware issue.

Solution:

1. Ensure the lock lever is in the unlocked position (straight up and down) after installation.
2. Install batteries. After it beeps, take the small reset tool (or a paperclip) and press and hold the reset button (located near the battery compartment).

3. While holding the reset button down, remove one of the batteries.
4. Continue holding the reset button down and replace the battery that was removed.
5. Once it beeps, release the reset button. The lock will cycle a few times to determine the correct door handing.
6. If the issue persists, check the bolt mechanism. If the bolt mechanism was extended while the bolt was in the locked position during installation, it can jam the internal housing. Disassemble and ensure the bolt mechanism is not jammed.

4.2 Wrong Code Entry Limit

For security purposes, the lock will temporarily shut down if too many incorrect codes are entered consecutively.

Symptom: The lock will shut down for 3 minutes after entering 10 invalid entry codes.

Solution: Wait for the 3-minute lockout period to expire before attempting to enter a code again. Ensure you are entering the correct code, utilizing the anti-peeking feature if necessary.



Figure 12: The lock will temporarily shut down for 3 minutes if 10 invalid entry codes are entered consecutively, enhancing security against brute-force attempts.

4.3 Performance in Cold Climates

While the lock is rated for low temperatures down to -22°F (-30°C), some users have reported issues with functionality in cold climates, particularly around 41°F (5°C) or below.

Symptom: Keypad may blink, beep erratically, or stop functioning entirely in cold temperatures.

Solution: Ensure fresh, high-quality batteries are used. If issues persist in cold weather, consider providing additional insulation or protection for the exterior unit if possible. In extreme cold, the physical key may be required for access.

4.4 Physical Key Operation Issues

Some users have reported difficulty inserting or turning the physical key.

Solution: Ensure the key is fully inserted and aligned correctly before attempting to turn. Avoid forcing the key. If the issue persists, inspect the keyhole for any obstructions or damage. Lubricating the cylinder with a graphite-based lubricant (not oil-based) may help.

5. SPECIFICATIONS

Feature	Detail
Brand	Revol
Model Name	Keypad door lock with handle
Part Number	RE001
Lock Type	Keypad
Special Features	Keyless Entry, Keypad Lock with Handle, Auto-Lock, One-time PIN Code
Material	Zinc Alloy, Stainless Steel
Color	Black
Item Dimensions (L x W x H)	18 x 7 x 4 inches
Item Weight	4 Pounds
Power Source	Batteries (4 AA, not included)
IP Rating	IP54 (Weather-resistant)
Temperature Resistance	-22°F to 158°F (-30°C to 70°C)
Included Components	Mounting Plate, Screws, Latch, Strike, 1 Backup Key, Handleset, Keypad Door Lock, Instructions, User Manual

6. WARRANTY AND SUPPORT

6.1 Product Warranty

Specific warranty details for the Revol RE001 Electronic Keypad Deadbolt are not provided within this manual. For comprehensive warranty information, please refer to the product packaging, the official Revol website, or contact Revol customer support directly.

6.2 Customer Support

For further assistance, technical support, or inquiries regarding your Revolo RE001 product, please contact Revolo customer support. You may also find additional resources and FAQs on the official Revolo store page.

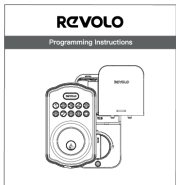
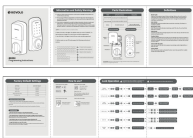
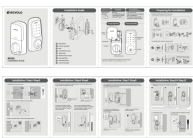


Revolo Store: [Visit the Revolo Store on Amazon](#)

Additional PDF documents are available for download:

- [Installation Manual \(PDF\)](#)
- [Troubleshooting Guide \(PDF\)](#)
- [User Manual \(PDF\)](#)

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Related Documents - RE001

	<p>Revolo Electronic Keypad Deadbolt Programming Instructions</p> <p>Comprehensive programming instructions for the Revolo Electronic Keypad Deadbolt, covering master code setup, user code management, auto-lock features, vacation mode, and troubleshooting.</p>
	<p>Revolo RE002 Programming Instructions and User Guide</p> <p>Comprehensive guide for the Revolo RE002 keyless entry door lock, covering programming, operation, safety warnings, and troubleshooting.</p>
	<p>Revolo RE002 Keyless Entry Door Lock Installation Guide</p> <p>Step-by-step instructions for installing the Revolo RE002 keyless entry door lock, including preparation, assembly, and final setup.</p>
	<p>Revolo Wifi Smart Lock WFP01 FAQ: Troubleshooting and User Guide</p> <p>Find answers to common questions about the Revolo Wifi Smart Lock WFP01, including setup, connectivity, user management, battery, and advanced features. This FAQ provides troubleshooting tips and usage guidance.</p>
	<p>REVOLO WiFi Smart Video Lock Quick Start Guide - Installation and Setup</p> <p>Comprehensive quick start guide for the REVOLO WiFi Smart Video Lock, covering installation, setup via the Revolo app, product overview, and important safety information.</p>



Installation Manual

[REVOLO Wi-Fi Smart Fingerprint Lock Installation Manual](#)

This installation manual provides comprehensive instructions for setting up and using the REVOLO Wi-Fi Smart Fingerprint Lock. It covers product overview, preparation, step-by-step installation, app pairing, door sensor installation, and regulatory information.