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> VEVOR Mechanical Keyless Entry Door Lock User Manual

## VEVOR OL-209S2-BY-C-01

# VEVOR Mechanical Keyless Entry Door Lock User Manual

Model: OL-209S2-BY-C-01

## PRODUCT OVERVIEW

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The VEVOR Mechanical Keyless Entry Door Lock is designed for secure and convenient access without the need for keys or batteries. This robust lock features a 14-digit keypad and is constructed from durable zinc alloy, making it suitable for various outdoor and indoor applications. Its mechanical design ensures reliability and ease of use.



Figure 1: VEVOR Mechanical Keyless Entry Door Lock, front view.

Key features include a full mechanical structure, an updated password change mechanism, and adjustable left/right handles for flexible installation. It also offers an auto-lock function for enhanced security and a normal open mode for frequent access.

## EMBEDDED DOUBLE-SIDED MECHANICAL KEYLESS LOCK

Combining security and convenience



Password



No Battery



Keyless

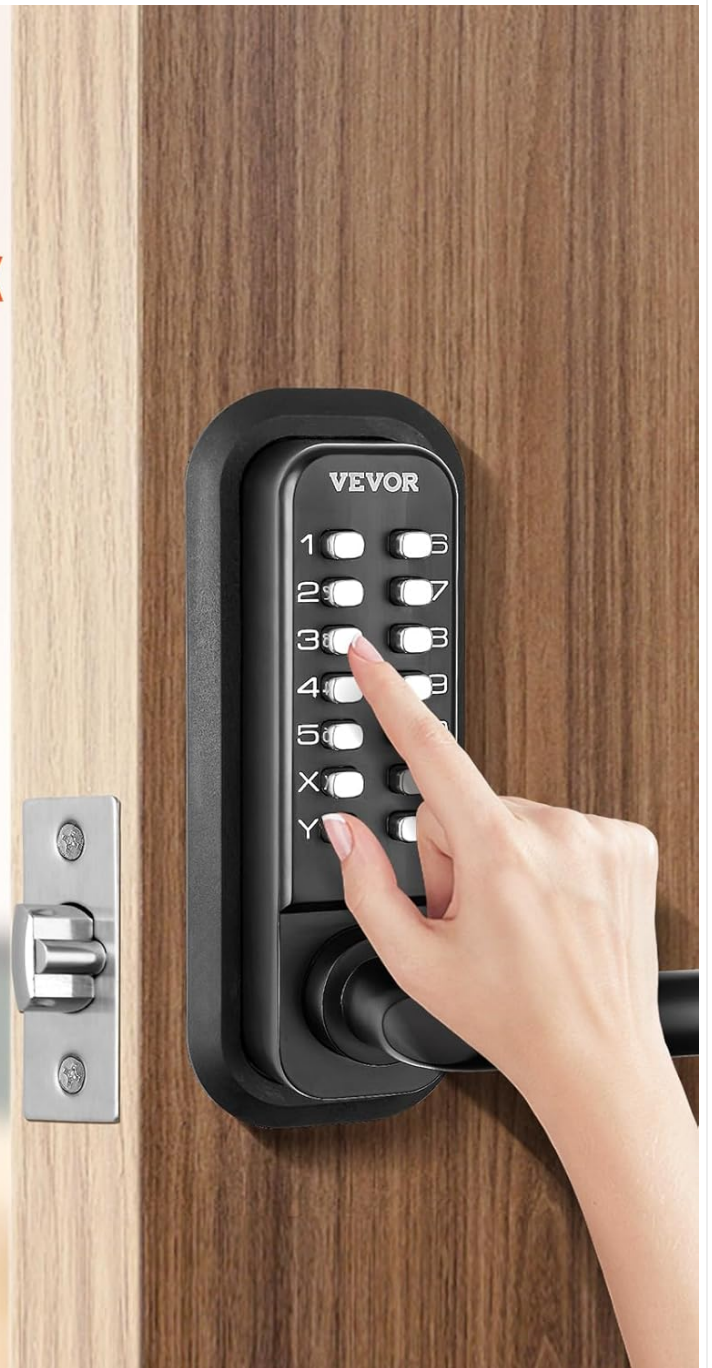


Figure 2: Overview of the mechanical keypad, highlighting no battery requirement and sensitive key press.

### INSTALLATION AND SETUP

Before beginning installation, ensure you have all components as listed in the packaging. This lock is designed for easy installation and replacement, compatible with door thicknesses ranging from 1.4" to 2.5" (35-65 mm).



Figure 3: All components included in the package for installation.

### Door Compatibility

The lock includes multiple sets of screws and spindles to accommodate various door types and thicknesses, including courtyards, outdoor gardens, garages, storerooms, iron, aluminum, and fence doors.

# UNIVERSAL FOR VARIOUS DOOR TYPES

Multiple sets of screws included



Metal Fence Doors



Wooden Doors

## • Various Spindles and Screws

Spindle Lengths	Screw Lengths	Door Thickness
2.1" / 55 mm	1.5" / 40 mm	1.4"-1.7" / 35-42 mm
2.4" / 63 mm		1.7"-2.0" / 43-50 mm
2.7" / 71 mm	1.9" / 50 mm	2.0"-2.3" / 51-58 mm
3.1" / 79 mm		2.3"-2.5" / 59-66 mm



Figure 4: Visual guide for door thickness compatibility and various spindle/screw lengths.

## Adjustable Features

The lock handles can be adjusted for both left and right unlocking directions. The latch bolt is also adjustable (2.3" / 60 mm or 2.7" / 70 mm) and features a push-pull structure for direct replacement. A large padding plate (6.2 x 2.5 inches / 160 x 65 mm) is provided to cover existing holes and maintain door aesthetics.

# USER-FRIENDLY LOCK REPLACEMENT

Old doors still looking great



Figure 5: Illustration of adjustable handle directions, adjustable latch, and the large base plate.

## Installation Steps (General)

- 1. Prepare the Door:** Ensure the door thickness is within the compatible range (1.4"-2.5" / 35-65 mm). If replacing an old lock, ensure the existing holes are suitable or prepare to drill new ones as needed. Note that the front and rear panels require through holes.
- 2. Install the Latch Bolt:** Insert the latch bolt into the door edge. Adjust its length if necessary (60mm or 70mm backset).
- 3. Assemble the Lock Panels:** Attach the exterior and interior lock panels, ensuring the spindle passes through the latch mechanism. Use the appropriate screws and spindles for your door thickness.
- 4. Secure the Lock:** Fasten the lock panels securely to the door using the provided screws.
- 5. Test Operation:** Before closing the door, test the keypad and handle operation to ensure smooth locking and unlocking.

## OPERATING INSTRUCTIONS

## Using the Keypad

To unlock the door, enter your pre-set code on the 14-digit keypad. The lock is fully mechanical and does not require batteries or power.

## Changing the Password

The updated Gen2 model makes changing the password straightforward. Refer to the specific instructions included in your product packaging for detailed steps on how to reset or change your access code.

## Auto-lock and Normal Open Mode

- **Auto-lock Mode:** For enhanced security, the lock automatically secures the door when it closes. This is the default mode.
- **Normal Open Mode:** This mode allows the lock to function as a simple door handle, enabling entry without a password. This is useful for periods of frequent access, such as for children or the elderly. Instructions for activating and deactivating this mode are provided in the product's detailed manual.



# AUTO-LOCK AND NORMAL OPEN MODE

## User-friendly Safety Lock Design

- Auto-lock after closing
- Normal open mode supports unlocking without password
- Auto-lock after closing the door
- No need for repeated unlocking, flexible entry and exit

Figure 6: Explanation of Auto-lock and Normal Open modes for flexible security.

## MAINTENANCE

The VEVOR Mechanical Keyless Entry Door Lock is constructed from premium zinc alloy with a corrosion-resistant electroplated coating, ensuring durability and resistance to water and rust. This makes it suitable for various weather conditions.



Figure 7: Illustration of the lock's high-strength zinc alloy construction, highlighting its waterproof, sun-resistant, and rust-proof properties.

- **Cleaning:** To maintain the appearance and functionality of your lock, wipe it regularly with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish.
- **Lubrication:** Periodically, apply a small amount of silicone-based lubricant to the internal moving parts of the latch mechanism to ensure smooth operation. Do not use oil-based lubricants, as they can attract dust and debris.
- **Inspection:** Regularly inspect the lock for any signs of wear or damage. Ensure all screws are tight and the keypad buttons function correctly.



Figure 8: The lock demonstrating its weather resistance in a rainy outdoor setting.

## TROUBLESHOOTING

If you encounter issues with your VEVOR Mechanical Keyless Entry Door Lock, please refer to the following common troubleshooting tips:

- **Keypad Not Responding:** Ensure you are pressing the buttons firmly and in the correct sequence. As it is a mechanical lock, there are no batteries to check. Verify that the internal mechanism is not obstructed.
- **Lock Not Engaging/Disengaging:** Check if the latch bolt is properly aligned with the strike plate on the door frame. Ensure no debris is obstructing the bolt's movement. Verify that the handle is fully engaging the internal mechanism.
- **Difficulty Changing Password:** Review the specific password change instructions provided with your product. Ensure all steps are followed precisely. If issues persist, contact customer support.
- **Handle Loose:** Check and tighten any visible screws on the handle assembly.

For more complex issues or if the problem persists, please contact VEVOR customer support.

## SPECIFICATIONS



Figure 9: Detailed dimensions and technical specifications of the lock and its components.

Feature	Detail
Model Name	Mechanical Keyless Entry Door Lock, 14 Digit Keypad, Double-sided Embedded Outdoor Gate Door Locks Set
Item Model Number	OL-209S2-BY-C-01
Brand	VEVOR
Lock Type	Keypad
Special Feature	Keyless
Material	Zinc Alloy
Color	Black
Finish Type	Polished
Product Dimensions (L x W x H)	8.31 x 5.63 x 5.91 inches (211 x 143 x 150 mm)
Compatible Door Thickness	1.4" - 2.5" (35-65 mm)
Latch Bolt Backset	2.3" / 60 mm or 2.7" / 70 mm
Protective Pad Size	6.2 x 2.5 inches (160 x 65 mm)
Included Components	Installation Hardware
UPC	197988448068

## WARRANTY AND SUPPORT

For warranty information or technical support, please contact VEVOR customer service. Details can typically be found on the VEVOR official website or within the product packaging.

**VEVOR Official Website:** [www.vevor.com](http://www.vevor.com)

Please have your model number (OL-209S2-BY-C-01) and purchase details ready when contacting support.



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