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

# VEVOR Mechanical Keyless Entry Door Lock User Manual

Model: OL-209S2-BY-C-01 | Brand: VEVOR

## PRODUCT OVERVIEW

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The VEVOR Mechanical Keyless Entry Door Lock provides a secure and convenient access solution without the need for keys or batteries. This double-sided embedded lock features a 14-digit keypad, a robust zinc alloy construction, and is designed for durability in various outdoor environments. Its mechanical structure ensures reliability and ease of use for gates, yards, gardens, and garages.



Image: The VEVOR Mechanical Keyless Entry Door Lock, showcasing both the exterior and interior keypad handles, along with all included installation hardware such as the latch, strike plate, spindles, and various screws.

## Key Features:

- **Gen2 Mechanical Keyless System:** Operates without electricity or batteries, offering enhanced security and simplified password changes.
- **Universal Door Compatibility:** Designed to fit various door thicknesses (1.4"-2.5" / 35-65 mm) with multiple spindle and screw sizes provided.
- **Auto-Lock & Normal Open Modes:** Automatically secures upon closing, with an optional normal open mode for frequent, unrestricted access.
- **Premium Zinc Alloy Construction:** Built with high-strength zinc alloy and an electroplated coating for superior waterproof, sun-resistant, and rust-proof performance.
- **User-Friendly Design:** Features adjustable handles for left or right unlocking directions and an adjustable latch bolt (2.3"/60mm or 2.7"/70mm) for direct replacement.

## SETUP AND INSTALLATION

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Careful installation is crucial for the proper function and longevity of your VEVOR mechanical keyless entry door lock. Please review all components and instructions before beginning.

### Included Components:

- Front and Rear Keypad Handles
- Adjustable Latch Bolt (60mm/70mm)
- Strike Plate and Strike Box
- Protective Pads (2)
- Various Spindles (55mm, 63mm, 71mm, 79mm)
- Various Installation Screws (M4 x 40mm, M4 x 50mm)
- Hollow Studs
- Spring
- Auxiliary Installation Hole Drilling Sticker
- User Manual (this document)

## 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



Image: The VEVOR lock shown installed on a door, illustrating its compatibility with various door thicknesses and providing a table detailing suitable spindle and screw lengths for different door dimensions.

### Pre-Installation Checks:

1. **Door Thickness:** Measure your door thickness. The lock is compatible with doors between 1.4" and 2.5" (35-65 mm). Select the appropriate spindle and screw lengths from the provided sets.
2. **Door Handing:** Determine if your door is left-handed or right-handed. The handles can be adjusted for either

direction. Ensure the internal mechanism for the handle rotation is correctly oriented before final assembly.

3. **Existing Holes:** While designed for easy replacement, some installations may require drilling an additional hole or adjusting existing ones. Use the provided drilling sticker as a guide.

# USER-FRIENDLY LOCK REPLACEMENT

Old doors still looking great



Image: A visual guide demonstrating how the VEVOR lock handles can be adjusted for both left and right unlocking directions, alongside illustrations of the adjustable latch bolt and the large base plate for easy replacement.

## General Installation Steps:

1. **Prepare the Door:** Ensure the door is clean and free of obstructions. If replacing an old lock, remove it. Use the drilling sticker to mark and drill any necessary new holes.
2. **Install the Latch Bolt:** Insert the adjustable latch bolt into the door edge. Ensure the bevel of the latch faces the direction the door closes. Adjust the latch length if necessary (60mm or 70mm).
3. **Assemble Handles:** Attach the protective pads to the front and rear handle assemblies. Insert the correct length spindle through the latch bolt.
4. **Connect Assemblies:** Align the front and rear handle assemblies with the spindle and secure them using the appropriate installation screws. Ensure the handles are oriented correctly for your door's handing (left or right). The internal mechanism must be fully rotated in the desired handle turn direction.

5. **Install Strike Plate:** Mount the strike plate and strike box on the door frame, ensuring proper alignment with the latch bolt.
6. **Test Operation:** Before fully tightening all screws, test the lock's functionality. Ensure the keypad operates smoothly and the latch retracts and extends correctly.

## OPERATING INSTRUCTIONS

Understanding the operational modes and password management is key to utilizing your VEVOR mechanical lock effectively.

### Setting and Changing the Passcode:

The VEVOR mechanical lock features a 14-digit keypad. The Gen2 upgraded settings make password changes straightforward. Refer to the detailed instructions provided with your lock for the specific sequence to set or modify your passcode. Generally, this involves accessing the internal mechanism on the rear panel and adjusting the pins corresponding to your desired code. Ensure to press the 'C' button to clear any previous entries before entering a new code.

**VEVOR**  
TOUGH TOOLS. HALF PRICE

## EMBEDDED DOUBLE-SIDED MECHANICAL KEYLESS LOCK

Combining security and convenience

- Password
- No Battery
- Keyless

**Sensitive Key Press**

**Gen2 Upgraded Settings, Easier to set and change password**

The image shows a close-up of the VEVOR mechanical keypad on a wooden door. A hand is shown pressing the '3' button. The keypad has 14 buttons arranged in a 4x4 grid, with the bottom row containing 'X' and 'Y' buttons. The VEVOR logo is visible at the top of the keypad. The background is a wooden door with a silver handle and strike plate.

Image: A close-up view of the VEVOR mechanical keypad, highlighting the sensitive key press feature and indicating the Gen2 upgraded

settings that simplify the process of changing the password.

### Auto-Lock Mode:

For enhanced security, the lock is designed to automatically secure the door when it closes. This means that once the door is shut, the lock engages, requiring the passcode to open from the outside.

### Normal Open Mode:

The normal open mode allows for unrestricted entry and exit without needing to enter a passcode. This feature is particularly useful for periods of high traffic or when convenient access is preferred, such as for children or the elderly. To activate this function, follow the specific instructions in your manual. When activated, the lock functions as a simple door handle, allowing free passage.



## 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

Image: A visual representation of the VEVOR lock's auto-lock and normal open modes, showing how the lock automatically secures after closing and how the normal open mode allows unlocking without a password for flexible entry and exit.

## MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your VEVOR mechanical keyless entry door lock.

## Cleaning:

- Wipe the exterior surfaces with a soft, damp cloth.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and internal components.
- Do not spray water directly into the keypad or internal mechanisms.

## Material Care and Weather Resistance:

The lock is constructed from premium zinc alloy with a corrosion-resistant electroplated coating, making it highly resistant to water, rust, and various weather conditions, including freezing winters and scorching summers.



Image: The VEVOR lock highlighting its high-strength zinc alloy material, emphasizing its waterproof, sun-resistant, and rust-proof properties, suitable for various environments.

While designed for outdoor use, periodic inspection for any debris or buildup around the moving parts (latch, handles) is recommended to ensure smooth operation.

## TROUBLESHOOTING

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If you encounter issues with your VEVOR mechanical keyless entry door lock, refer to the following common problems and solutions:

- **Problem: Handle does not retract the latch or feels stiff.**

**Solution:**

- Ensure the handle's internal mechanism is correctly oriented for the door's handing (left or right). The arrow on the internal box where the square bar inserts must face the handle direction.
- Verify that the spindle is correctly inserted and not binding.
- Check for any obstructions or debris around the latch bolt or strike plate.
- Ensure all installation screws are tightened appropriately, but not overtightened, which can cause binding.

- **Problem: Passcode does not unlock the door.**

**Solution:**

- Ensure you are pressing the 'C' (clear) button before entering your passcode.
- Verify that the correct passcode is being entered. Double-check the sequence and ensure all required buttons are pressed.
- If the passcode was recently changed, ensure the internal pins are correctly set according to the new code.
- Check if any buttons on the keypad are stuck or not fully resetting.

- **Problem: Screws or spindles are too short/long for the door.**

**Solution:**

- Refer to the 'Universal Door Compatibility' section and the provided table in the manual to ensure you are using the correct spindle and screw lengths for your door's thickness.
- The product includes multiple sizes to accommodate various door thicknesses.

- **Problem: Lock feels loose after installation.**

**Solution:**

- Ensure all installation screws are securely tightened.
- Verify that the protective pads are correctly positioned between the lock and the door surface.

## SPECIFICATIONS

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Detailed specifications for the VEVOR Mechanical Keyless Entry Door Lock (Model OL-209S2-BY-C-01).



Image: A comprehensive diagram detailing the dimensions of the VEVOR mechanical keyless entry door lock components, along with a complete packing list of all included parts and their respective sizes.

Feature	Specification
Model Name	Mechanical Keyless Entry Door Lock, 14 Digit Keypad, Double-sided Embedded Outdoor Gate Door Locks Set
Model Number	OL-209S2-BY-C-01
Lock Type	Keypad, Mechanical
Special Feature	Keyless
Material	Stainless Steel Zinc
Color	Black
Item Dimensions (L x W x H)	8.31 x 5.63 x 5.91 inches (211 x 143 x 150 mm)
Item Weight	3.72 pounds (1.7 kg)
Compatible Door Thickness	1.4 - 2.5 inches (35-65 mm)
Number of Keys	14 (for keypad)
Batteries Required	No
Included Components	Installation Hardware

## CUSTOMER SUPPORT

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For further assistance, technical support, or inquiries regarding your VEVOR Mechanical Keyless Entry Door Lock, please contact VEVOR customer service. You can find more information and contact details on the official VEVOR store page. Visit the [VEVOR Store on Amazon](#) for product updates and support resources.

*Note: No official product videos were available with the provided data for embedding in this manual.*