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Motovecor MKD-001

Elemake Keyless Door Lock User Manual

Model: MKD-001

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Elemake Keyless Door Lock (Model MKD-001). This high-grade stainless steel mechanical keyless door lock is designed for enhanced security and convenience in various applications, including residential homes, apartment buildings, offices, schools, and hospitals.

The Elemake MKD-001 offers a robust, all-weather operation with no battery requirement, providing reliable access control through a combination code or a physical key.

SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Ensure all components are present and undamaged before beginning installation.
- Do not attempt to modify the lock or its components, as this may compromise security and void the warranty.
- Keep keys in a secure location, separate from the lock, and do not share combination codes with unauthorized individuals.
- This lock is designed for standard prepared doors. Verify door thickness and bore hole dimensions before installation.

PACKAGE CONTENTS

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

- 1 x Elemake Keyless Door Lock Assembly (Exterior Keypad Knob and Interior Knob)
- 1 x Deadbolt Latch Mechanism
- Necessary Bolts and Screws for Installation
- Physical Keys (Quantity may vary, typically 3)
- Installation Template (if included)



Image: Main components of the Elemake Keyless Door Lock, showing the exterior keypad unit, interior knob, and a set of physical keys.

SETUP AND INSTALLATION

The Elemake Keyless Door Lock is designed for DIY installation. Follow these steps carefully for proper setup.

Pre-Installation Checks:

1. **Door Thickness:** Ensure your door thickness is between 1-3/8 inches (35mm) to 2 inches (50mm).
2. **Borehole Diameter:** The maximum applicable borehole diameter is 2-1/8 inches. The borehole cannot be less than 1-15/16 inches.
3. **Backset/Latch:** The lock supports 2-3/8 inches (60mm) or 2-3/4 inches (70mm) backsets. Adjust the latch as needed.
4. **Door Handing:** The lock works for both left/right-handed and inward/outward opening doors.

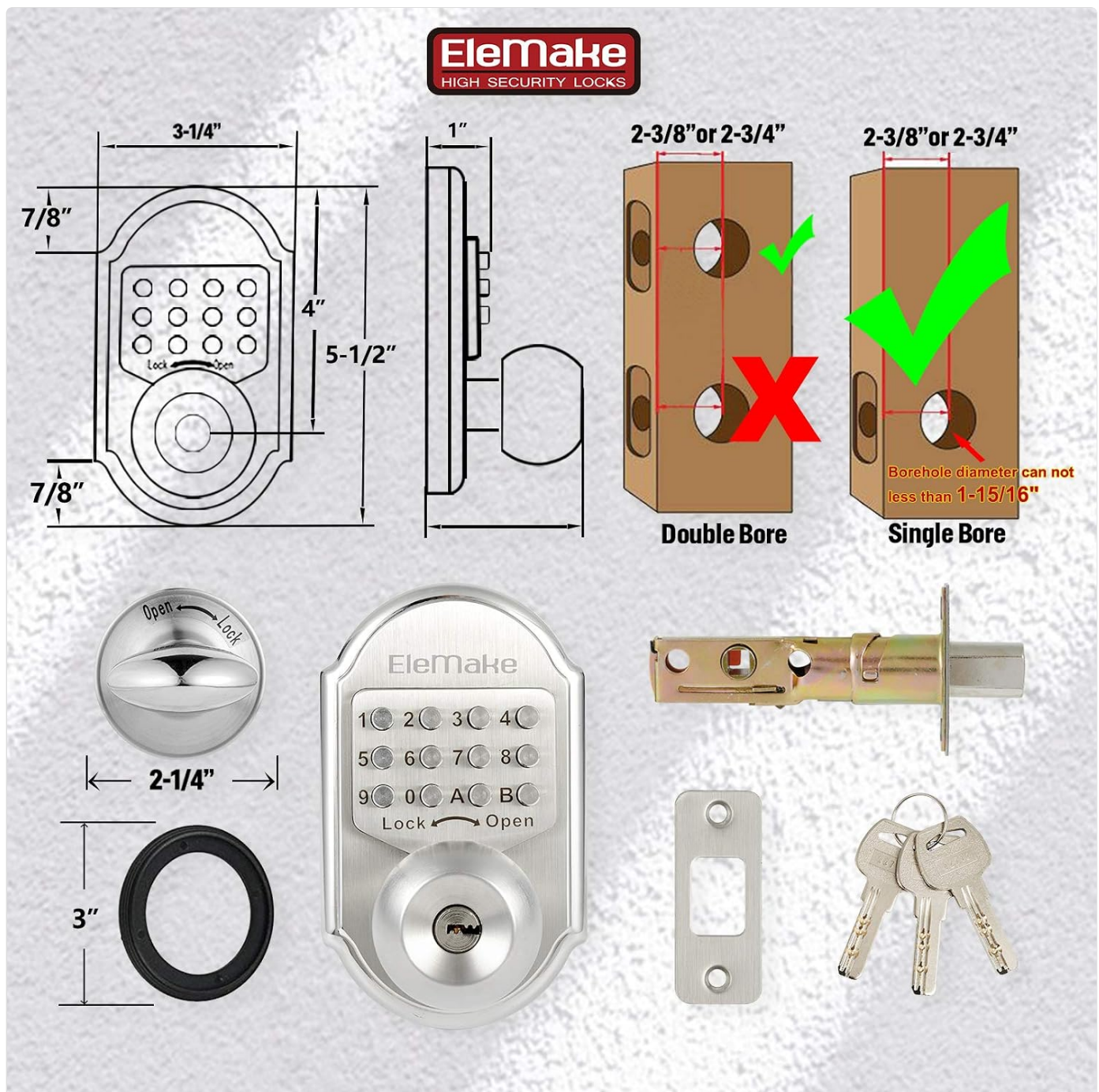


Image: Detailed diagram illustrating door thickness, borehole diameter, and backset measurements crucial for correct installation.

Installation Steps:

1. **Prepare the Door:** If installing on a new door, drill holes according to the provided template. For existing doors, ensure the current boreholes meet the specified dimensions. Slight adjustment to the door knob cutout may be needed.
2. **Install the Latch:** Insert the deadbolt latch mechanism into the edge of the door. Ensure the latch is oriented correctly for your door's handing. Secure it with screws.



Image: Side view of the lock assembly, highlighting the latch mechanism correctly installed within the door frame.

3. **Install Exterior Keypad Unit:** Place the exterior keypad unit through the borehole, ensuring the spindle aligns with the latch mechanism.
4. **Install Interior Knob Unit:** Attach the interior knob unit to the exterior unit, securing it with the provided bolts. Ensure the lock operates smoothly before tightening all screws.



Image: The Elemake lock fully installed on a door, demonstrating its mechanical operation and dual access methods (key or combination).

5. **Test Operation:** Before closing the door, test the lock's functionality with both the key and a temporary combination (if set). Ensure the deadbolt extends and retracts fully and smoothly.



**W/T 10 YEARS
FACTORY WARRANTY**



Easy Service

Give Us A Call Or Message, You Will See How Easy
For Customers To Get Their Problem Solved.

By:18705707139 No:20141021153218525000

Image: An exploded diagram illustrating all individual components of the Elemake lock, aiding in assembly understanding.

OPERATING INSTRUCTIONS

The Elemake Keyless Door Lock offers secure access via a mechanical keypad or a physical key.

Setting/Changing the Combination Code:

- The combination can be 4-8 digits long.
- Numbers in the combination cannot be repeated.
- The combination can be entered in any order to unlock the door. For example, if your code is 1-2-3-4, entering 4-3-2-1 will also unlock it.
- Refer to the internal mechanism for specific instructions on how to set or change the code. This typically involves rotating small tumblers or pins inside the lock body to match your desired code. Detailed instructions are usually found on a sticker or small leaflet inside the lock's packaging or on the internal mechanism itself.

Unlocking the Door:

- **Using the Combination:**

- a. Press the buttons corresponding to your combination code.
- b. Turn the knob to the "Open" position. The door will unlock.
- c. The lock will remain unlocked until the knob is turned back to the "Lock" direction. This allows for easy entry and exit without re-entering the code.

- **Using the Key:**

- a. Insert the physical key into the keyhole on the exterior knob.
- b. Turn the key to unlock the door.

- **From Inside:** The door can be opened anytime from the inside by turning the interior knob, without needing to enter a password.

Locking the Door:

- From the exterior, turn the knob to the "Lock" position.
- From the interior, turn the knob to the "Lock" position.
- The lock does not automatically lock. You must manually turn the knob to the "Lock" position to engage the deadbolt.



Image: Front view of the Elemake lock, showing the keypad and the deadbolt mechanism in the locked position.

MAINTENANCE

- **Cleaning:** Wipe the lock surface with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the stainless steel finish.
- **Lubrication:** Periodically apply a small amount of graphite lubricant to the internal moving parts of the deadbolt mechanism and the key cylinder to ensure smooth operation. Do not use oil-based lubricants.
- **Inspection:** Regularly check all screws and bolts to ensure they are tight. Inspect the keypad buttons for any signs of wear.
- **All-Weather Operation:** The lock is made of #304 stainless steel with enhanced anti-corrosion treatment, designed for all-weather use. However, extreme conditions may require more frequent inspection.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lock does not open with code.	Incorrect code entered; tumblers not set correctly; internal mechanism jammed.	Verify the combination code. Re-check tumbler settings. Ensure the knob is turned fully to "Open" after entering the code. Try using the physical key.
Key does not turn or is stiff.	Keyhole obstructed; internal mechanism needs lubrication; bent key.	Check for debris in the keyhole. Apply graphite lubricant to the key cylinder. Use a different key if available.
Deadbolt does not extend/retract smoothly.	Misalignment during installation; latch mechanism needs lubrication; door frame strike plate misalignment.	Check alignment of the lock body and latch. Lubricate the latch mechanism. Adjust the strike plate on the door frame if necessary.
Knob is loose.	Mounting screws are loose.	Tighten the mounting screws on the interior side of the lock.

SPECIFICATIONS

- **Model:** MKD-001
- **Material:** High Grade Stainless Steel 304
- **Color:** Silver
- **Product Size:** 5-1/2" x 3-1/4" (13.97 cm x 8.25 cm)
- **Item Dimensions (L x W x H):** 16.3 x 15.5 x 10.4 Centimeters
- **Item Weight:** 907 g
- **Lock Type:** Mechanical Combination Lock, Key Lock
- **Combination Length:** 4-8 digits (no repeat, any order)
- **Combinations Available:** Over 8,000 options
- **Battery Required:** No
- **Adapter Door Thickness:** 1-3/8" (35mm) to 2" (50mm)
- **Maximum Borehole Diameter:** 2-1/8" (54mm)
- **Backset/Lock Margin:** 2-3/8" (60mm) to 2-3/4" (70mm)
- **Features:** All-weather operation, pick-proof, never-wear keys, adjustable backset, works both left/right handed and inward/outward opening doors.



FEATURES:



8000+ COMBINATIONS



NO BATTERY NEEDED



PICK PROOF



NEVER-WEAR KEYS



ALL-WEATHER



RIGHT OR LEFT WORKS



ADJUSTABLE BACKSET



#304 STAINLESS STEEL



Image: Visual representation of the key features of the Elemake Keyless Door Lock, including its mechanical nature and durability.

WARRANTY AND SUPPORT

The Elemake Keyless Door Lock (Model MKD-001) comes with a **10-year factory warranty**, demonstrating the manufacturer's confidence in its quality and durability.

For any questions, technical assistance, or warranty claims, please contact Motovecor customer service. Provide your product model number (MKD-001) and purchase details for efficient support.

Contact Information: Refer to the contact details provided with your purchase documentation or visit the official Motovecor website for support options.

Elema
HIGH SECURITY LOCKS



**W/T 10 YEARS
FACTORY WARRANTY**



Easy Service

Give Us A Call Or Message, You Will See How Easy
For Customers To Get Their Problem Solved.

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Image: Exploded view of the lock components, highlighting the 10-year factory warranty and easy service support.