

Corbin Russwin DL4112-613

Corbin Russwin DL4112-613 Double Cylinder Mortise Deadlock User Manual

Model: DL4112-613

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Corbin Russwin DL4112-613 Double Cylinder Mortise Deadlock. Please read these instructions carefully before beginning installation or use to ensure safe and efficient operation.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) such as safety glasses and gloves during installation.
- Ensure all components are present and undamaged before installation. Do not install damaged parts.
- Keep small parts away from children to prevent choking hazards.
- If you are unsure about any step of the installation process, consult a qualified locksmith or professional installer.
- Do not modify the lock or its components. Unauthorized modifications may compromise security and void the warranty.

3. PACKAGE CONTENTS

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

- Mortise Deadlock Body (Steel with hardened steel insert)
- Double Cylinder (6-pin, L4 keyway)
- Strike Plate (Wrought brass or bronze, 3-1/2" x 1-1/8")
- Mounting Screws
- Keys (Two nickel silver standard)

- Installation Template (if included)



Image 1: Overview of the Corbin Russwin DL4112-613 Double Cylinder Mortise Deadlock. This image displays the main components of the deadlock, including the mortise body, cylinders, and keys, providing a visual reference for the package contents.

4. SETUP AND INSTALLATION

Installation of a mortise deadlock requires precision. If you are not comfortable with the process, seek professional assistance.

Required Tools:

- Drill
- Chisel
- Screwdriver (Phillips and Flathead)
- Measuring Tape
- Pencil

Installation Steps:

1. **Prepare the Door:** Use the provided template (if available) to mark the mortise pocket and cylinder holes on the door edge and face.
2. **Cut the Mortise Pocket:** Carefully rout or chisel out the mortise pocket in the door edge according to the template markings. Ensure the depth is sufficient for the deadlock body.
3. **Drill Cylinder Holes:** Drill the necessary holes through the door face for the cylinders and mounting screws.
4. **Install Deadlock Body:** Insert the mortise deadlock body into the prepared pocket in the door edge. Secure it with screws.
5. **Install Cylinders:** Insert the double cylinders through the door face into the deadlock body. Secure them with the provided screws or retaining rings from the inside.
6. **Install Strike Plate:** Mark and chisel out the recess for the strike plate on the door frame, aligning it with the deadbolt. Secure the strike plate with screws.
7. **Test Operation:** Close the door and test the deadbolt operation from both sides using the keys. Ensure smooth engagement and disengagement.

5. OPERATING INSTRUCTIONS

The Corbin Russwin DL4112-613 is a double cylinder mortise deadlock, meaning it requires a key to lock

and unlock from both the interior and exterior sides of the door.

- **To Lock:** Insert the key into the cylinder on either side of the door. Turn the key clockwise (or counter-clockwise, depending on installation) until the deadbolt fully extends into the strike plate in the door frame. Remove the key.
- **To Unlock:** Insert the key into the cylinder on either side of the door. Turn the key counter-clockwise (or clockwise) until the deadbolt fully retracts from the strike plate. Remove the key.

Important Safety Note:

Double cylinder deadlocks require a key for egress. In an emergency, this can impede rapid exit. Consider local building codes and personal safety requirements before installing a double cylinder deadlock on an egress door.

6. MAINTENANCE

Regular maintenance will ensure the longevity and smooth operation of your deadlock.

- **Cleaning:** Clean the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** Periodically apply a small amount of graphite-based lubricant or a silicone-based spray specifically designed for locks into the keyway. Do not use oil-based lubricants as they can attract dust and grime.
- **Inspection:** Regularly check all screws for tightness. Ensure the deadbolt operates smoothly without binding. If any issues arise, address them promptly.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Key does not turn smoothly.	Dirt in keyway, worn key, or misaligned cylinder.	Apply lock lubricant. Try a spare key. Check cylinder alignment.
Deadbolt binds or does not extend fully.	Misaligned strike plate, door sag, or debris in bolt path.	Adjust strike plate. Check door alignment. Clear debris.
Lock feels loose.	Loose mounting screws.	Tighten all visible mounting screws.

8. SPECIFICATIONS

- **Model:** DL4112-613
- **Lock Type:** Double Cylinder Mortise Deadlock
- **Deadbolt:** Steel with hardened steel insert; 1" (25mm) throw
- **Cylinder:** 6-pin, L4 keyway, 0-bitted
- **Keys:** Two nickel silver standard
- **Strike Standard:** Wrought brass or bronze, 3-1/2" (89mm) x 1-1/8" (29mm)
- **Material:** Alloy Steel, Brass
- **Finish:** US10B Dark Oxidized Satin Bronze, Oil Rubbed 613
- **Recommended Use:** Home security

9. WARRANTY AND SUPPORT

For warranty information and technical support, please contact Corbin Russwin directly or refer to their official website. Keep your purchase receipt as proof of purchase.

Manufacturer: CORBIN

Brand: Corbin Russwin

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