

Colosus NDL801

Colosus NDL801 Satin Chrome Modern Square Door Handle Lever Privacy Lock

Model: NDL801

1. INTRODUCTION

The Colosus NDL801 is a modern square door handle lever with a privacy lock, designed for use in bathrooms and bedrooms. It features a satin chrome finish and is reversible, making it suitable for both right-handed and left-handed doors. This heavy-duty lever handle is intended to enhance the aesthetic and functionality of interior doors.



Figure 1.1: Colosus NDL801 Satin Chrome Door Handle Lever. This image displays the complete door handle assembly, showcasing its modern square design and satin chrome finish.

2. PACKAGE CONTENTS

Verify that all components listed below are present in your package before beginning installation.

- Reversible Lever Handle (Interior and Exterior)
- Adjustable Latch (60mm/2-3/8in to 70mm/2-3/4in backset)
- Rounded Square Corner Latch Strike Plate
- Installation Screws and Accessories
- Instruction Manual (this document)



Figure 2.1: All components included in the Colosus NDL801 package. This image shows the two lever handles, the latch mechanism, strike plate, and mounting hardware.

3. SETUP AND INSTALLATION

The Colosus NDL801 door handle is designed for easy installation on standard pre-drilled doors with a thickness of 1-3/8" to 1-3/4". The latch features an adjustable backset of 2-3/8" to 2-3/4".

Tools Required:

- Phillips Head Screwdriver
- Measuring Tape
- Pencil (optional)

Installation Steps:

1. **Prepare the Door:** Ensure your door has standard pre-drilled holes. Measure the backset (distance from the door edge to the center of the cross-bore hole). Adjust the latch to the correct backset (2-3/8" or 2-3/4") if necessary.
2. **Install the Latch:** Insert the latch into the edge bore hole of the door. Ensure the bevel of the latch bolt faces the door

frame. Secure the latch with the provided screws.

3. **Install the Exterior Lever:** Place the exterior lever assembly through the cross-bore hole, ensuring the spindle passes through the latch mechanism.
4. **Install the Interior Lever:** Align the interior lever assembly with the exterior assembly, ensuring the mounting posts and spindle are correctly engaged.
5. **Secure the Levers:** Fasten the interior and exterior levers together using the provided through-bolts or screws. Tighten securely but do not overtighten.
6. **Install the Strike Plate:** On the door frame, align the strike plate with the latch bolt. Mark and chisel out a shallow recess if needed, then secure the strike plate with screws.
7. **Test Operation:** Close the door and test the latching mechanism and the privacy lock function from both sides.



Figure 3.1: View of the internal mechanism of the Colosus NDL801 door handle. This image illustrates how the components fit together during installation.

4. OPERATING INSTRUCTIONS

The Colosus NDL801 door handle is designed for simple and intuitive operation.

- **Opening the Door:** To open the door, simply depress the lever handle on either the interior or exterior side. The latch bolt will retract, allowing the door to open.
- **Engaging the Privacy Lock (Interior):** From the interior side of the door, locate the push-button on the handle's rosette. Press this button to engage the privacy lock. The door will then be locked from the exterior.
- **Disengaging the Privacy Lock (Interior):** Turning the interior lever handle will automatically disengage the privacy lock.
- **Emergency Unlock (Exterior):** In case of an emergency, the privacy lock can be disengaged from the exterior using a small pin or tool inserted into the pinhole on the exterior handle's rosette.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and smooth operation of your Colosus NDL801 door handle.

- **Cleaning:** Clean the satin chrome finish with a soft, damp cloth. Avoid abrasive cleaners, harsh chemicals, or solvents, as these can damage the finish.
- **Lubrication:** Periodically, a small amount of silicone-based lubricant can be applied to the latch bolt and internal mechanisms to maintain smooth operation. Do not use oil-based lubricants as they can attract dust and grime.
- **Tightening Screws:** Over time, screws may loosen. Periodically check and tighten all mounting screws to ensure the handle remains securely attached to the door.

6. TROUBLESHOOTING

Refer to the following table for common issues and their potential solutions.

Problem	Possible Cause	Solution
Handle is loose or wobbly.	Mounting screws are loose.	Tighten the mounting screws on both sides of the handle.
Latch bolt does not retract smoothly.	Accumulation of dirt or lack of lubrication.	Clean the latch mechanism and apply a silicone-based lubricant.
Privacy lock does not engage or disengage.	Misalignment of internal components or debris.	Check for obstructions. If the issue persists, re-install the handle ensuring proper alignment.
Door does not latch properly.	Strike plate misalignment or incorrect backset.	Adjust the strike plate position on the door frame. Verify the latch backset is correctly set.

7. SPECIFICATIONS

Detailed specifications for the Colosus NDL801 door handle.

- **Model:** NDL801
- **Brand:** Colosus
- **Material:** Zinc (Handle), Metal (General)
- **Finish:** Satin Chrome
- **Color:** Silver
- **Product Dimensions:** 7"L x 6"W (Overall)
- **Door Thickness Compatibility:** 1-3/8" to 1-3/4"
- **Adjustable Backset:** 2-3/8" (60mm) or 2-3/4" (70mm)
- **Lock Type:** Push Button Privacy Lock
- **Hand Orientation:** Universal (Reversible for Right & Left Sided Doors)
- **Item Weight:** Approximately 2 pounds (0.91 Kilograms)
- **Included Components:** Lever Handles, Latch, Strike Plate, Installation Screws, Instruction Manual



Figure 7.1: Key dimensions of the Colosus NDL801 door handle. This image highlights the length and width of the handle and rosette.

8. WARRANTY AND SUPPORT

For specific warranty information regarding your Colosus NDL801 door handle, please refer to the documentation provided at the time of purchase or contact the retailer.

For technical support or further assistance, please contact Colosus customer service through their official website or the contact information provided with your product.

Manufacturer: Colosus Inc.

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