

Union 2201

Union 2201 5-Lever Mortice Sash Lock Instruction Manual

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Union 2201 5-Lever Mortice Sash Lock. Designed for timber doors, this lock offers reliable security with its 5-lever mechanism and anti-saw deadbolt. Please read these instructions carefully before proceeding with installation or use to ensure optimal performance and longevity of the product.

PRODUCT OVERVIEW

The Union 2201 5-Lever Mortice Sash Lock is a robust locking solution featuring a 12.5 mm anti-saw deadbolt and a reversible latch bolt. It is suitable for timber doors hinged on either the left or right, and the keys are designed for doors up to 54 mm thick. The lock is supplied as a complete unit, including the mortice lock body and keys.

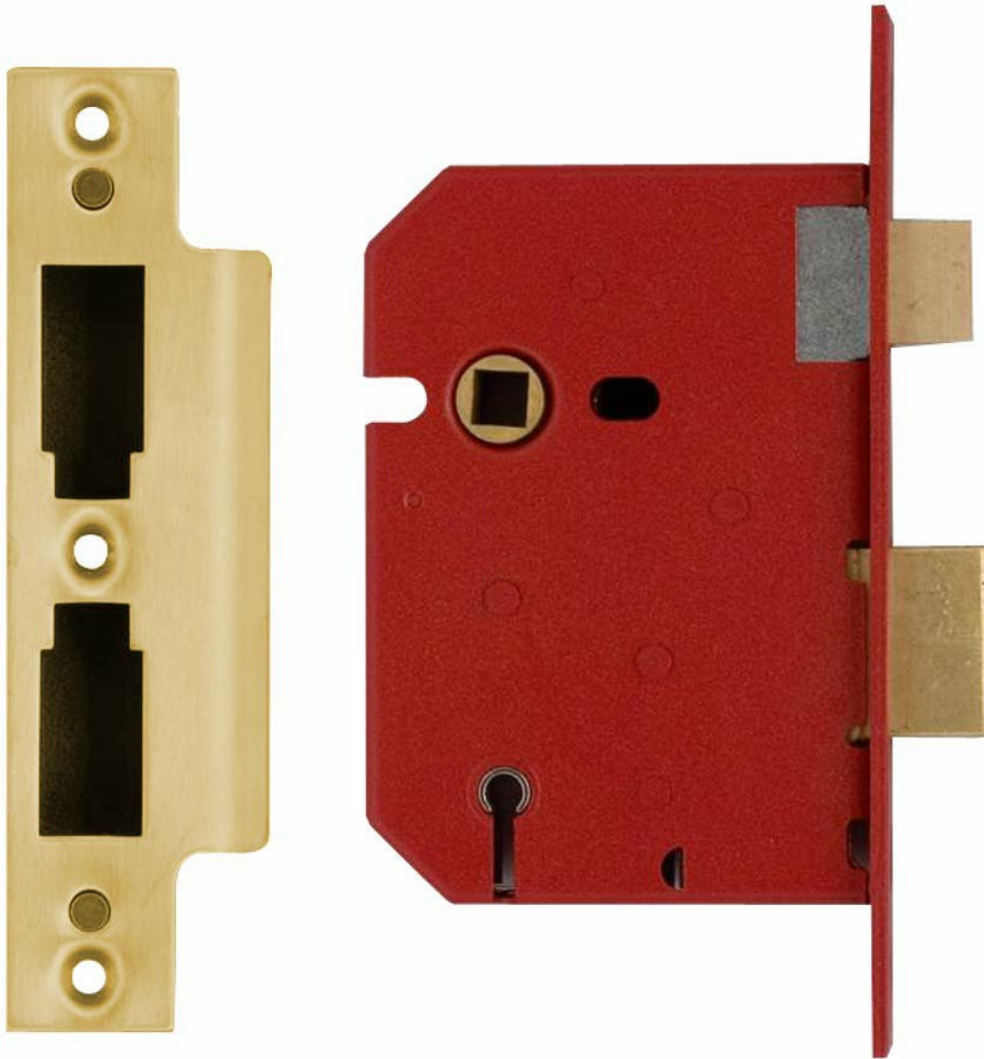


Image: Union 2201 5-Lever Mortice Sash Lock in brass finish. This image displays the main body of the mortice lock, highlighting its brass construction and keyhole mechanism.

SETUP AND INSTALLATION

Installation of a mortice lock requires precision and appropriate tools. It is recommended that installation be performed by a qualified professional to ensure correct fitting and operation.

Key Installation Steps:

- 1. Door Preparation:** Ensure the timber door is prepared with the correct mortise cut-out for the lock body and faceplate. The lock is designed for doors up to 54mm thick.
- 2. Latch Bolt Reversibility:** The latch bolt is easily reversible from outside of the case. Before installation, ensure the latch bolt is oriented correctly for your door's opening direction (left or right-handed). Refer to the markings on the lock body for guidance on reversing the latch.
- 3. Fitting the Lock Body:** Insert the lock body into the mortise cut-out. Secure it using the provided screws through the faceplate.
- 4. Spindle and Handles:** Insert the spindle through the follower in the lock body. Attach the lever handles to the spindle, ensuring they operate the latch bolt smoothly. The lock is pierced to accept bolt-through furniture, allowing for secure handle attachment.

5. **Striker Plate:** Install the striker plate on the door frame, aligning it precisely with the deadbolt and latch bolt when the door is closed. Ensure smooth engagement and disengagement of both bolts.
6. **Testing:** After installation, test the lock thoroughly with the door open and closed. Verify that the deadbolt extends and retracts smoothly with the key from both sides, and the latch bolt operates freely with the lever handles.

OPERATING INSTRUCTIONS

The Union 2201 5-Lever Mortice Sash Lock provides secure locking and convenient latch operation.

Locking and Unlocking:

- **Deadbolt Operation:** To lock or unlock the deadbolt, insert the key into the keyhole from either side of the door. Turn the key fully to extend or retract the deadbolt. Ensure the deadbolt is fully extended into the striker plate for maximum security.
- **Latch Bolt Operation:** The latch bolt is withdrawn by operating the lever handle from either side of the door. Push the handle down to retract the latch and open the door. Release the handle to allow the latch to spring back into the striker plate, securing the door in a closed position.

MAINTENANCE

Regular maintenance helps ensure the smooth operation and longevity of your lock.

- **Cleaning:** Clean the external brass finish with a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals, as these can damage the finish.
- **Lubrication:** Periodically apply a small amount of graphite powder or a silicone-based lubricant into the keyhole and to the moving parts of the latch mechanism. Avoid oil-based lubricants, which can attract dust and grime.
- **Inspection:** Regularly inspect the lock for any signs of wear, loose screws, or misalignment. Address any issues promptly to prevent further damage or security compromises.

TROUBLESHOOTING

If you encounter issues with your lock, consider the following common solutions:

- **Key Sticking or Difficult to Turn:**
 - Apply graphite powder to the key and insert it into the lock, turning it several times.
 - Check if the key is bent or damaged. Use only original or properly cut duplicate keys.
 - Ensure the lock is not overtightened during installation, which can cause internal binding.
- **Latch Bolt Not Retracting Smoothly:**
 - Check for obstructions in the latch mechanism or striker plate.
 - Lubricate the latch bolt and follower with a silicone-based spray.
 - Ensure the door handles are securely fitted and not binding.
- **Deadbolt Not Engaging Fully:**
 - Verify that the striker plate on the door frame is correctly aligned with the deadbolt. Adjust if necessary.
 - Check for any warping of the door or frame that might prevent full engagement.

- **Loose Handles:**

- Tighten the screws securing the handles to the door. If bolt-through furniture is used, ensure these bolts are secure.

If problems persist after attempting these solutions, it is advisable to contact a professional locksmith or the manufacturer for assistance.

SPECIFICATIONS

Feature	Detail
Brand	Union
Model Number	UNNJ2201PL30
Lock Type	5-Lever Mortice Sash Lock
Material	Brass
Finish Type	Satin
Deadbolt Size	12.5 mm anti-saw
Recommended Use	Securing timber doors
Door Thickness (Key Suitability)	Up to 54 mm
Item Dimensions (L x W x H)	6.89 x 5.12 x 1.18 inches
Item Weight	1.28 Pounds

WARRANTY INFORMATION

Specific warranty details for the Union 2201 5-Lever Mortice Sash Lock are typically provided at the point of purchase or by the manufacturer. Please retain your proof of purchase. For comprehensive warranty terms and conditions, refer to the documentation supplied with your product or contact Union directly.

SUPPORT

For technical assistance, spare parts, or further inquiries regarding your Union 2201 5-Lever Mortice Sash Lock, please contact your retailer or the official Union customer support channels. Contact information can usually be found on the manufacturer's website or product packaging.