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## ABUS 322/112

# ABUS CL/DFNL Security Lock with Number Combination 322/112 Black User Manual

Model: 322/112 | Brand: ABUS

## 1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your ABUS CL/DFNL Security Lock with Number Combination 322/112. Please read this manual thoroughly before using the product to ensure safe and effective operation. This combination latch offers a keyless solution for securing various applications, both indoors and outdoors.

## 2. SAFETY INFORMATION

- Ensure the lock is installed securely to prevent unauthorized removal.
- Do not attempt to force the lock if it is jammed. This may cause damage.
- Keep the combination secret and store it in a safe, memorable location.
- Regularly check the lock for signs of wear or damage. Replace if necessary.
- This product is designed for security purposes; however, no lock can provide absolute security against determined theft.

## 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- ABUS CL/DFNL Security Latch (Main Body with Combination Dials)
- Strike Plate
- Safety Screws for Installation

## 4. SETUP: SETTING YOUR PERSONAL COMBINATION

The ABUS CL/DFNL Security Lock comes with a factory-set combination, typically 0-0-0-0. You can easily

set your own 4-digit combination. Please follow these steps carefully:

1. **Open the Lock:** Ensure the lock is in the unlocked position. The factory default combination is usually 0-0-0-0. Align the dials to this combination and slide the bolt to the open position.
2. **Locate the Reset Mechanism:** On the side or back of the lock body, you will find a small screw or lever. This is the combination reset mechanism.
3. **Engage Reset Mode:** Using a small screwdriver (not included), turn the reset screw 90 degrees clockwise (or as indicated by an arrow) or push the lever into the reset position. You may feel a slight click.
4. **Set Your New Combination:** While the lock is in reset mode, rotate the four number dials to your desired personal 4-digit combination. Choose a combination that is easy for you to remember but difficult for others to guess.
5. **Disengage Reset Mode:** Turn the reset screw back 90 degrees counter-clockwise to its original position (or return the lever to its original position). This will lock in your new combination.
6. **Test the New Combination:** Scramble the dials. Then, enter your new combination and attempt to slide the bolt. It should open smoothly. Scramble the dials again to lock it.

**Important:** Once the new combination is set, there is no master key or override. If you forget your combination, the lock cannot be opened without knowing the code. It is highly recommended to write down your combination and store it in a secure place, separate from the lock.



Figure 1: ABUS CL/DFNL Security Latch in closed position, showing combination dials and bolt.

## 5. OPERATING THE LOCK

Using your ABUS combination latch is straightforward:

1. **To Unlock:** Rotate the four number dials to your personal 4-digit combination. Once the correct combination is displayed, slide the bolt mechanism to the open position.
2. **To Lock:** Slide the bolt mechanism into the closed position, engaging with the strike plate. Then, scramble the number dials to a random sequence. This secures the lock.



Figure 2: ABUS CL/DFNL Security Latch with the bolt extended, indicating an open or unlocked state.

## 6. INSTALLATION INSTRUCTIONS

The ABUS CL/DFNL Security Latch is designed for easy installation on various surfaces such as doors, gates, sheds, cabinets, and wooden boxes. The included safety screws provide additional theft protection as they are designed to be difficult to unscrew once installed.

- 1. Determine Mounting Location:** Choose a suitable flat surface for both the main latch body and the strike plate. Ensure they align correctly when the latch is closed.
- 2. Mark Screw Holes:** Position the main latch body and the strike plate in their desired locations. Use a pencil to mark the positions for the mounting screws.
- 3. Drill Pilot Holes (Optional but Recommended):** For wood or softer materials, drill small pilot holes at the marked locations. Ensure the pilot holes are smaller than the screw diameter to allow the screws to grip firmly.
- 4. Mount the Latch Body:** Secure the main latch body to the surface using the provided safety screws. Tighten them firmly.
- 5. Mount the Strike Plate:** Align the strike plate with the latch body so that the bolt can slide smoothly into the strike plate's opening. Secure the strike plate using the remaining safety screws.
- 6. Test Operation:** After installation, test the lock's operation by opening and closing it several times with your combination to ensure smooth functionality and secure engagement.

## 7. MAINTENANCE

To ensure the longevity and smooth operation of your ABUS combination lock, consider the following maintenance tips:

- Cleaning:** Periodically wipe the lock body and dials with a soft, damp cloth to remove dirt and grime. Avoid harsh chemicals or abrasive cleaners.
- Lubrication:** For outdoor use or in dusty environments, a small amount of silicone-based lubricant can be applied to the bolt mechanism and dials to maintain smooth movement. Do not use oil-based lubricants as they can attract dirt.
- Inspection:** Regularly inspect the lock for any signs of corrosion, damage, or loose screws. Address any issues promptly.

## 8. TROUBLESHOOTING

**Problem: Lock will not open with the correct combination.**

**Solution:** Ensure the dials are perfectly aligned with your combination. Sometimes a slight misalignment can prevent opening. Try wiggling the dials gently while applying slight pressure to the bolt. If the combination was recently changed, double-check that you are using the new combination.

**Problem: Dials are stiff or difficult to turn.**

**Solution:** Clean the dials and the areas around them. Apply a small amount of silicone-based lubricant to the dial mechanism. Ensure no foreign objects are obstructing the dials.

**Problem: Forgotten combination.**

**Solution:** Unfortunately, if the combination is forgotten and not recorded, there is no master key or reset method that can be performed without knowing the original code. In such cases, the lock may need to be replaced or professionally removed.

## 9. SPECIFICATIONS

<b>Brand</b>	ABUS
<b>Model Name</b>	CL/DFNL Security Lock with Number Combination (Model 322/112)
<b>Lock Type</b>	Combination Latch
<b>Material</b>	Zinc (Die-cast)
<b>Color</b>	Black
<b>Combination</b>	4-digit, individually adjustable (10,000 possible combinations)
<b>Dimensions (L x W x H)</b>	Approximately 8.86 x 6.3 x 1.3 inches
<b>Item Weight</b>	Approximately 8.8 ounces (0.25 Kilograms)
<b>Recommended Uses</b>	Doors, stables, sheds, fences, cabinets, drawers, wooden boxes, pet cages (indoor and outdoor)
<b>Special Feature</b>	Keyless entry system, Weatherproof body, Easy installation with safety screws

## 10. WARRANTY INFORMATION

ABUS products are manufactured to high-quality standards. For specific warranty terms and conditions applicable to your region, please refer to the official ABUS website or contact your local ABUS dealer. Keep your proof of purchase for any warranty claims.

## 11. SUPPORT

If you require further assistance, have questions not covered in this manual, or need technical support, please visit the official ABUS website or contact ABUS customer service through the contact information provided on their website. When contacting support, please have your product model number (322/112) and purchase details ready.

