Hörmann 4511632

Hörmann 4511632 Code Lock Code Switch CTR 3B 1 User Manual

Model: 4511632 | Brand: Hörmann

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Hörmann 4511632 Code Lock Code Switch CTR 3B 1. This device is designed to provide secure access control through a programmable numerical keypad, suitable for applications such as garage door openers and electric door systems. Please read these instructions carefully before beginning installation or operation.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Installation and wiring should only be performed by qualified personnel in accordance with local electrical codes and regulations. Disconnect power before performing any wiring.
- **Mounting:** Ensure the device is mounted securely on a stable surface. Avoid locations exposed to extreme weather conditions or direct impact.
- **Intended Use:** Use the code lock only for its intended purpose of access control. Any modifications or unauthorized use may void the warranty and pose safety risks.
- **Children:** Keep programming instructions and codes out of reach of children.

3. PRODUCT OVERVIEW

The Hörmann CTR 3B 1 Code Lock features a backlit numerical keyboard for easy code entry in various lighting conditions. It supports up to 4 programmable numerical codes and includes 3 separate relay outputs for controlling different devices. The system consists of an external keypad and a separate internal relay unit for enhanced security.

Figure 1: Front view of the Hörmann CTR 3B 1 Code Lock, showing the backlit numerical keyboard with keys 0-9, a light symbol, a bell symbol, and a key symbol. The brand 'Hörmann' is visible at the bottom right.

Figure 2: The Hörmann CTR 3B 1 Code Lock keypad positioned next to its separate black relay unit. This illustrates the two main components of the system, highlighting the external keypad and the internal relay unit for enhanced security.

Key Features:

- Backlit numerical keyboard for visibility.
- Supports up to 4 distinct numerical codes.
- 3 separate relay outputs for controlling multiple devices.
- Suitable for garage door openers and electric door systems.
- Impulse duration can be extended by up to 5 seconds.

4. INSTALLATION

Important: Installation should be carried out by a qualified electrician or technician. Ensure all power is disconnected before commencing installation.

1. **Mounting the Keypad:** Select a suitable, secure location for the keypad, typically near the access point. Ensure it is protected from direct heavy rain or extreme conditions. Mount the keypad firmly using appropriate fasteners.

2. **Mounting the Relay Unit:** For enhanced security, the relay unit should be mounted indoors or in a protected, inaccessible location, away from the external keypad.

3. **Wiring:**
   - Connect the keypad to the relay unit according to the wiring diagram provided in the separate installation guide (not included in this manual).
   - Connect the relay outputs from the relay unit to the respective control inputs of your garage door opener or electric door system.
   - Ensure proper power supply connections to the relay unit as specified by the manufacturer.

4. **Initial Power-Up:** After all connections are secure, restore power to the system. The keypad backlight should illuminate briefly, indicating power.

5. OPERATING INSTRUCTIONS

To operate the Hörmann CTR 3B 1 Code Lock:

1. **Activate Keypad:** Press any key to activate the keypad backlight.

2. **Enter Code:** Enter your pre-programmed numerical code.

3. **Confirm:** Press the **key symbol** button (or designated confirmation key) to activate the corresponding relay output.

4. The connected device (e.g., garage door) will activate for the programmed impulse duration.

The **light symbol** button may control the keypad backlight or an auxiliary function, depending on configuration. The **bell symbol** button typically activates a doorbell function if wired.

6. PROGRAMMING CODES

The CTR 3B 1 allows programming of up to 4 distinct numerical codes, each assignable to one of the 3 relay outputs. Refer to the detailed programming instructions provided with your specific model's installation guide for the exact sequence. General steps typically involve:

1. **Access Programming Mode:** This usually requires entering a master code or pressing a specific sequence of keys.

2. **Select Code Slot:** Choose which of the 4 code slots you wish to program.

3. **Enter New Code:** Input your desired numerical code (e.g., 4 to 8 digits).

4. **Assign Relay Output:** Select which of the 3 relay outputs this code will activate.

5. **Confirm and Exit:** Save the new code and exit programming mode.

Note: Keep a record of your master code and all programmed user codes in a secure location.

7. MAINTENANCE

- **Cleaning:** Clean the keypad surface with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or electronic components.

- **Inspection:** Periodically inspect the keypad and wiring for any signs of damage or wear.

- **No User-Serviceable Parts:** The Hörmann CTR 3B 1 does not contain user-serviceable parts. Do not attempt to open or repair the unit yourself.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Keypad not responding / No backlight	No power supply to the relay unit; Loose wiring connection; Faulty unit.	Check power supply to the relay unit. Verify all wiring connections. If problem persists, contact support.

Problem	Possible Cause	Solution
Code entered, but device does not activate	Incorrect code entered; Code not programmed correctly; Relay output not connected; Faulty relay.	Ensure correct code is entered. Re-program the code. Check wiring between relay unit and device. Test relay functionality.
Keypad backlight always on or off	Configuration setting; Internal fault.	Consult the detailed programming manual for backlight settings. If not a setting, contact support.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Hörmann customer support.

9. SPECIFICATIONS

- **Model:** Hörmann CTR 3B 1 (Part Number: 4511632)
- **Lock Type:** Combination Lock
- **Special Feature:** Key Lock (Code Lock)
- **Material:** Metal
- **Dimensions (L x W x H):** 8 x 8 x 1.5 cm (3.15 x 3.15 x 0.59 inches)
- **Item Weight:** Approximately 0.54 kg (1.18 pounds)
- **Number of Codes:** Up to 4 programmable codes
- **Relay Outputs:** 3 separate relay outputs
- **Controller Type:** Hand Control (Keypad)
- **Control Method:** Touch
- **Included Components:** Code button CTR3b-1, 3 relay unit
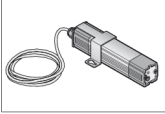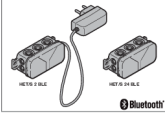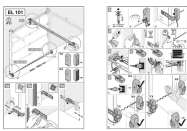- **Batteries Required:** No

10. WARRANTY AND SUPPORT

Hörmann products are manufactured to high-quality standards and come with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Hörmann website.

For technical support, troubleshooting assistance, or spare parts, please contact your authorized Hörmann dealer or the Hörmann customer service department. When contacting support, please have your model number (4511632) and purchase information readily available.

Hörmann Official Website: www.hoermann.com

Related Documents - 4511632

[Hörmann RSZ1 Hand Transmitter Operating Instructions](#)
This document provides operating instructions for the Hörmann RSZ1 hand transmitter, including safety guidelines, description of the device, battery insertion and replacement, programming instructions, and the EU Declaration of Conformity.

[Hormann HEI 3 BiSecur Receiver: Fitting and Operating Instructions](#)
Comprehensive guide for the Hormann HEI 3 BiSecur receiver, covering installation, operation, safety, and technical specifications. Learn how to fit, connect, and program your BiSecur receiver for optimal performance.

[HÖRMANN HET/S 2 BLE / HET/S 24 BLE Bluetooth-Empfänger Bedienungsanleitung](#)
Umfassende Bedienungsanleitung für den HÖRMANN HET/S 2 BLE und HET/S 24 BLE Bluetooth-Empfänger. Enthält Informationen zu Anschluss, Montage, Funktionen und Sicherheit für Garagentor- und Türsysteme.

[HORMANN FCT 10-1 BiSecur Funkcodetaster: Anleitung für Montage und Betrieb](#)
Umfassende Anleitung für die Montage und den Betrieb des HORMANN FCT 10-1 BiSecur Funkcodetasters, inklusive Sicherheitshinweisen und Bedienungsanleitung.

[Hormann EL 101 One-Way Photocell: Installation Guide and Declaration of Conformity](#)
Comprehensive guide for installing the Hormann EL 101 one-way photocell, including detailed steps, diagrams explained textually, and the official EC Declaration of Conformity. Covers product specifications, compliance with RoHS and EMC directives, and multilingual declarations.

[HÖRMANN RSC 2 Remote Control: User Guide & Safety Information](#)
Explore the HÖRMANN RSC 2 remote control. This guide covers essential operation, safety, programming, and technical details for HÖRMANN door operators. Features Rolling Code security.