

ENTREMATIC ZEN4

ENTREMATIC ZEN4 Remote Control User Manual

Model: ZEN4 | Brand: ENTREMATIC

1. INTRODUCTION

The ENTREMATIC ZEN4 is an original 4-channel remote control designed for operating automatic gate systems at a frequency of 433.92 MHz. This new generation transmitter features an ergonomic design and a high-quality exterior for durability. It supports various operating modes including Rolling code, fixed code, and AES 128-bit encrypted signals, ensuring secure and reliable control of your automated systems. With its four independent channels, the ZEN4 allows you to manage up to four different automations from the same manufacturer.



Figure 1: ENTREMATIC ZEN4 Remote Control. This image shows the black, oval-shaped remote control with two large, recessed buttons and the 'ENTREMATIC' logo clearly visible at the bottom.

This manual provides essential information for setting up, operating, and maintaining your ENTREMATIC ZEN4 remote control. Please read it carefully before use.

2. SETUP AND PROGRAMMING

2.1 Battery Installation

The ENTREMATIC ZEN4 remote control uses a Lithium CR 2032 battery. Two batteries are typically included. To install or replace the battery:

1. Locate the battery compartment on the remote control. This is usually on the back or side, secured by a small screw or a clip.
2. Carefully open the compartment using a small screwdriver or by pressing the release tab.
3. Remove the old battery (if applicable) and insert the new CR 2032 battery, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment securely.

2.2 Programming the Remote Control

Programming the ENTREMATIC ZEN4 remote control typically involves pairing it with your automatic gate or garage door opener. The exact programming procedure can vary depending on the specific gate automation system you are using. It is crucial to consult the instruction manual for your gate opener for detailed programming steps.

General programming methods often include:

- **Learning Mode:** Activating a "learn" button on your gate opener's receiver unit, then pressing a button on the new remote control.
- **Cloning:** Copying the code from an existing, working remote control to the new ZEN4 remote. This method may require specific steps for the ZEN4.
- **DIP Switches:** Some older systems use DIP switches inside the remote and receiver to set a matching code. The ZEN4 primarily uses rolling code or fixed code, so this is less common.

For visual guides and specific programming instructions, you may find helpful videos on the "Commandes et Automatismes" YouTube channel. Search for "ENTREMATIC ZEN4 programming" on YouTube for relevant tutorials.

3. OPERATING THE REMOTE CONTROL

The ENTREMATIC ZEN4 remote control features four independent buttons, allowing you to control up to four different automated systems. Each button can be programmed to a specific function (e.g., open gate, close gate, pedestrian access, light control).

- **Single Press Operation:** Once programmed, simply press the desired button on the remote control to activate the corresponding function on your automated system.
- **Range:** The remote control has a maximum operating range of approximately 10 meters. Ensure you are within this range for reliable operation.
- **Line of Sight:** For optimal performance, maintain a clear line of sight between the remote control and the gate opener's receiver. Obstructions can reduce the effective range.

4. MAINTENANCE

4.1 Battery Replacement

When the remote control's range decreases significantly or it stops responding, it is likely time to replace the battery. Refer to Section 2.1 for detailed instructions on battery installation. Always use a new Lithium CR 2032

battery for optimal performance.

4.2 Cleaning

Clean the remote control with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the device.

4.3 Storage

Store the remote control in a dry place, away from extreme temperatures and direct sunlight, to prolong its lifespan.

5. TROUBLESHOOTING

- **Remote not working:**

- Check the battery. Replace it if necessary (refer to Section 2.1).
- Ensure the remote is properly programmed to your gate opener (refer to Section 2.2).
- Verify you are within the operating range (approximately 10 meters).
- Check for any obstructions between the remote and the receiver.
- Ensure the gate opener itself is powered and functioning correctly.

- **Reduced operating range:**

- The battery may be low. Replace it.
- There might be radio interference in the area.
- Ensure no large metal objects or structures are blocking the signal path.

- **Compatibility Issues:**

- The ENTREMATIC ZEN4 is compatible with and replaces DITEC BIXLG4, DITEC BIXLP2, DITEC BIXLS2, DITEC GOL4, and DITEC BIXLP2 RED models.
- **Important:** The ENTREMATIC ZEN4 is **not compatible** with the GOL4C model that has a red LED on the upper part. Ensure your existing remote or system is not this specific GOL4C model if you are replacing it.

6. SPECIFICATIONS

Brand	ENTREMATIC
Model Number	ZEN4
Connectivity Technology	Radio Frequency (RF)
Frequency	433.92 MHz
Number of Channels/Buttons	4
Max Operating Range	10 Meters
Battery Type	Lithium CR 2032 (2 included)
Dimensions	7 x 4 x 1 mm (approximate)

Special Features	Ergonomic design, Rolling code, fixed code, AES 128-bit encrypted operation
Compatible Devices	Automatic gates (Entrematic ZEN4, DITEC BIXLG4, DITEC BIXLP2, DITEC BIXLS2, DITEC GOL4, DITEC BIXLP2 RED)

7. WARRANTY AND SUPPORT

Information regarding the specific warranty period or support contact details for the ENTREMATIC ZEN4 remote control is not provided in this document. For warranty claims, technical support, or further assistance, please refer to the documentation included with your purchase or contact the manufacturer, ENTREMATIC, directly through their official website or customer service channels.

For programming assistance, you may also find resources on the "Commandes et Automatismes" YouTube channel.