

User manual

TEC1



Warnings:

- Note that automatic gate and door systems must be installed exclusively by qualified technical personnel in full compliance with statutory legislation.
- Before starting the installation procedure check that the values given in the "Technical Specifications" chapter are compatible with the application.
- This product has been designed to control door openers, gate openers and similar mechanisms. Any other use of the product will be considered improper.

1)Product description

This is a dual channel transmitter that is activated only after having entered a suitable combination.

The units are designed for installation in indoor or outdoor locations. That ensures the utmost security because the transmitted code is changed at each transmission session.

The estimated transmission range is 200 m in open space and 35 m indoors.

The units are designed to ensure battery life equivalent to an estimated 2 years of operation considering 10 transmissions per day.

Audible signal

status

1 short beep	Keypad tone
1 long beep	Auto power-off
3 long beeps	Modification of combination confirmed
5 short beeps	Error during combination input or combination edit operation
10 rapid beeps	Battery low warning signal New batteries required

2)Installation

Before physically installing the unit it is good practice to perform a practical test to assess their functionality and effective range.

Consider that range may be up to 25 or 30% less when battery power is low.

2.1) positioning

Apart from the distance from the receiver, the units should not be positioned in the vicinity or in contact with metal structures, which could otherwise exert a signal shielding effect. Thanks to the enclosure protection rating of IP 54, the digital selectors can be installed outdoors if required.

3) Method of use

The use of the keypad is based on "combinations", i.e. numbers of from 1 to 9 digits that the user is required to key in by means of the keys. Once the combination has been entered the user then presses confirm key ◀ or ▶ to transmit the activation command to, respectively.

-receiver channel 1 if the user presses ◀

-receiver channel 2 if the user presses ▶

The command will be transmitted only when a valid combination has been entered: if an incorrect combination has been entered the selector will emit an error, warning signal when the confirm key is pressed . The combination entered must be exact, if, for example ,the correct combination is 0422, the following attempts will be interpreted as errors: 422, 10422, 04222. Therefore, if the user inadvertently presses the wrong key when entering a combination, combination key ◀ or ▶ should be pressed immediately to generate the error tone , after which the correct combination can be entered starting from the beginning again.

While entering the combination no more than 6 seconds can be allowed to elapse between keystrokes, after which interval the combination must be re-entered starting from the beginning.

The units are factory programmed with a standard combination to activate channel one and a standard combination for channel two.

The factory set combinations are as follows:

1^a combination to transmit the code associated with the ◀ key.

When the unit is used for the first time this combination is **11**

2^a combination to transmit the code associated with the ▶ key.

When the unit is used for the first time this combination is **22**.

4)Changing a combination

Tab.A changing the combination associated with channel 1 ◀ Example

This function allows you to change the combination associated with channel 1 ◀

1.Press the "0" key and hold it down while pressing and releasing ◀ 0 ◀

2.Release the "0"key .

3.Type in the current (original) combination and press ◀ 11 ◀

4.Type in the new combination (up to 8 digits) and press ◀ 070576 ◀

5.Type in the new combination again and press ◀ 070576 ◀

Tab. B changing the combination associated with channel 2 ▶ Example

This function allows you to change the combination associated with channel 2 ▶

1.Press the "0" key and hold it down while pressing and releasing ▶ 0 ▶

2.Release the "0"key .

3.Type in the current (original) combination and press ▶ 22 ▶

4.Type in the new combination (up to 8 digits) and press ▶ 28111976 ▶

5.Type in the new combination again and press ▶ 28111976 ▶

NOTE 1: If the two combinations you have entered are identical, once you have entered the combination you can press either ◀ or ▶ .

NOTE 2: If combinations are set without entering any number, the security system is effectively overridden and the command can be transmitted simply by pressing ◀ or ▶ without having to first enter a combination.

5) Normal use

Tab.c Normal use for activation of channel 1 Example

1.Type in the combination associated with channel 1 070576 ◀

2.Press ◀

Tab.D Normal use for activation of channel 2 Example

1.Type in the combination associated with channel 2 28111976 ▶

2.Press ▶

6) Reset the unit to factory settings

To reset the keyboard, open the keyboard, has been sent to our technical services.