

FERMAX

Cód: 945421c

REF.2260: KIT PRIVATE CONTROL ACCESO

**PORTADA
(por publicidad)**

**Manual de Instalación
Installation Guide
Manuel d'Installation
Gebrauchshandbuch**

ENGLISH

INDEX

Operation	1
Activation of card reader	2
Activation of personal cards	3
Deactivation of personal cards	3
Door opening time adjustment	4
Adjusting open door time	4
Wiring Diagram	5

OPERATION

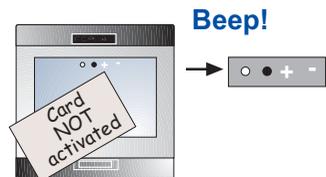
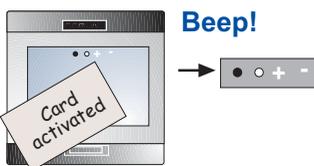
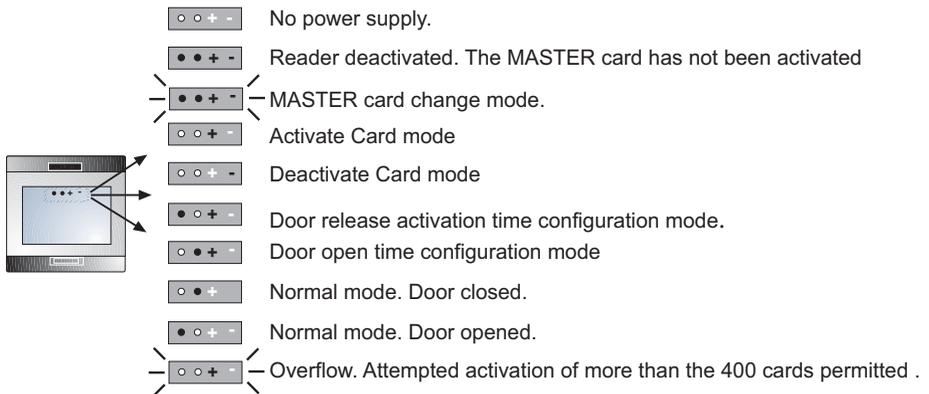
The PRIVATE KIT is equipped with a personal proximity card reader, able to control up to 400 cards. The Kit comes supplied with 6 cards.

Each of these cards, which function with no need for any type of maintenance, comes with an electronic code unique in the world (there are no two cards with the same number).

Once activated, they can be used to open the access door to be controlled. To do so, all you have to do is **show** the card (momentarily) to the proximity reader.

As they work by radio frequency, no physical contact is necessary, and the card may even be **shown** without being removed from your wallet. The maximum reading distance is 8 cm.

The proximity reader is equipped with luminous indicators, whose meanings are as follows:



When an activated card is shown to the reader, the door opens and the green indicator lights up . A confirmation "beep" is heard.

When a non-activated card is shown to the reader the door does not open and the green indicator does not light up. A rejection "double beep" is heard.

In order to be able to use the personal proximity cards, the proximity card reader must be activated.

Activation of card reader

To activate the reader the MASTER card must be programmed. This is the card that will serve, later, to access to the preprogramming functions. The other KIT functions will be operative even though the card reader is not activated.

The system will take as MASTER card the first one shown to it after the power has been switched on.



1. Mark one of the cards as MASTER. This card may not be used as a personal card.
2. Show the card to the reader.
3. The reader is now activated and ready for operation after activation of the necessary personal cards.

It is very important not to lose the MASTER card, as it will be necessary to activate or deactivate the personal cards.

If the MASTER card is lost or needs to be replaced, the following steps must be taken (we recommend you entrust this task to specialised personnel).

1. Disconnect power supply.
2. Push door open button from the inside (if installed) or make a momentary short circuit between terminals "B" and "-" of the reader controller. Reconnect power supply.
3. The reader will go into "MASTER card change mode". All the reader's indicators will start to blink for 5 seconds. The card shown to the reader during this time will be taken as the new MASTER card.

The card shown must not be already activated as a personal card.

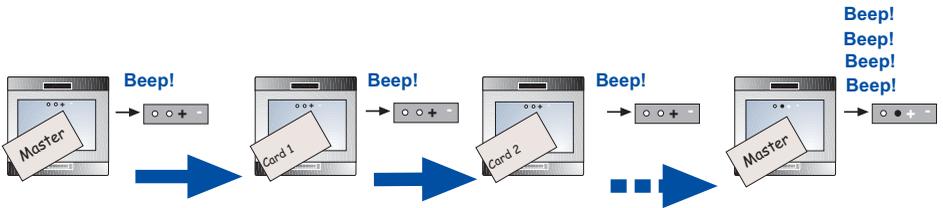
If the card shown is the one ALREADY used as MASTER, the reader will remain inoperative, with the green indicator blinking constantly until power is switched off. When power is reconnected, the reader will be deactivated, that is, waiting to activate a new MASTER card.

NOTE:

The reader returns to normal mode, from any other programming setting, if no card has been shown within a 30 second period.

Activation of personal cards

A total of up to 400 cards may be activated, following these steps:



1. Show the MASTER card. The indicators will display "activate card mode."
2. Show the cards to be activated one at a time.
3. Show the MASTER card at the end, until the indicators display "normal mode."

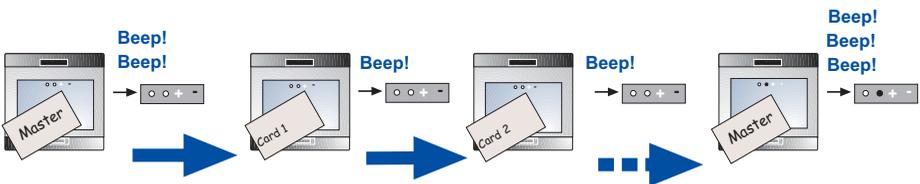
A "beep" indicates that the card has been correctly activated. If not, indicates that card had been activated previously, or that the card is faulty.

Annotate the number of each card for future references.

If you try to activate more than 400 cards, the system will indicate "overload" ("+" indicator blinking for 5 seconds).

Deactivation of personal cards

To deactivate cards in the system they must be physically available. The procedure is as follows:

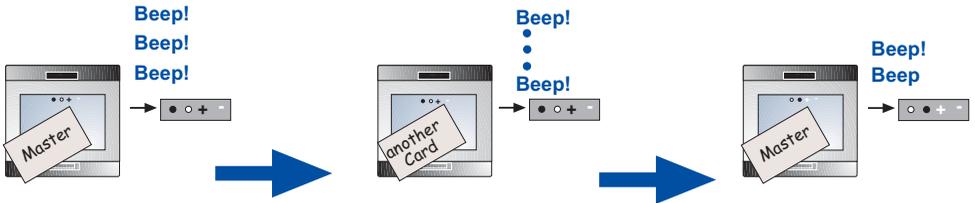


1. Show the MASTER card (twice). The indicators will display "deactivate card mode."
2. Show the cards to be deactivated one at a time. One "beep" indicates that the card has been deactivated, if not it means that the card was not activated.
3. Again show the MASTER card at the end, until indicators display "normal mode."

To deactivate cards without having them available see note on page 5.

Door opening time adjustment

This parameter, adjustable between 1 and 99, represents the time in seconds that the door release remains activated after an activated card has been shown.

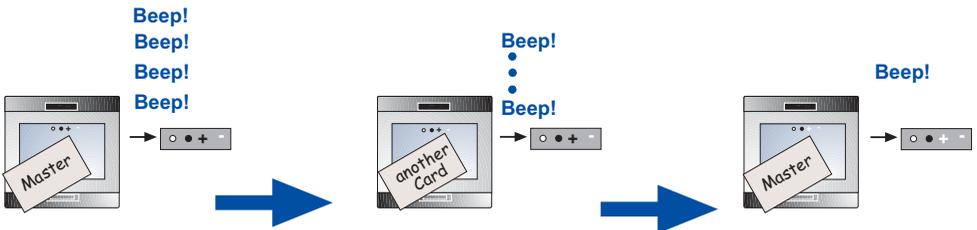


1. Show the MASTER card (three times). The indicators will display the "door release activation time configuration mode" setting.
2. Show any card (except the MASTER) as many times as seconds to be set for door release activation. One time: one second Two times: two seconds...
3. Show MASTER card at the end, until indicators display "normal mode."

Adjusting open door time

This parameter, adjustable between 0 and 99, represents the time in seconds after which the reader's built-in sonic alarm will start to sound, while the door stays open. Installation of a magnetic door sensor is required. See diagram.

Initially, this function is disabled (value 0). To enable it, you must follow these steps:

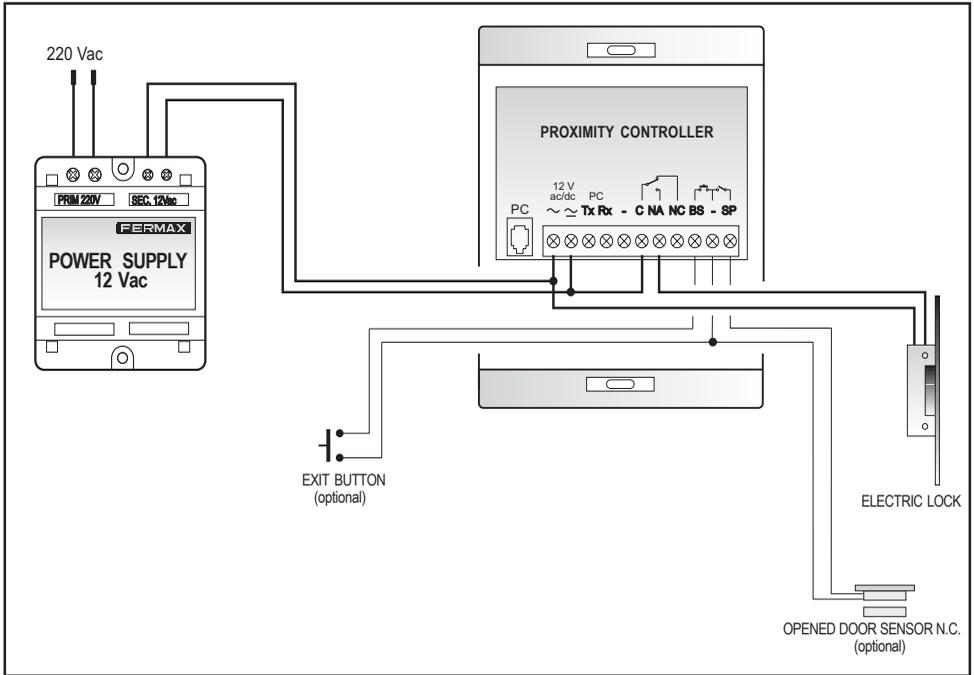


1. Show the MASTER card (four times). The indicators will display the "door open time configuration mode."
2. Show any card (except the MASTER) as many times as seconds to be set for open door detection. See note below.
3. Again show the MASTER card at the end, until indicators display "normal mode."

NOTE:

The first time that a card is shown disables this options. The other ones enable the system and increase the time in seconds.

WIRING DIAGRAM



NOTE:

It is also possible to program cards (and delete) by means of the **PROGRAMMING KEYPAD** REF 2306 or by means of a PC and the **WINPROX** program developed by FERMAX.

CONTACT YOUR NEAREST DISTRIBUTOR FOR FURTHER DETAILS.

