

# EASYGATE

## INSTALLATION MANUAL



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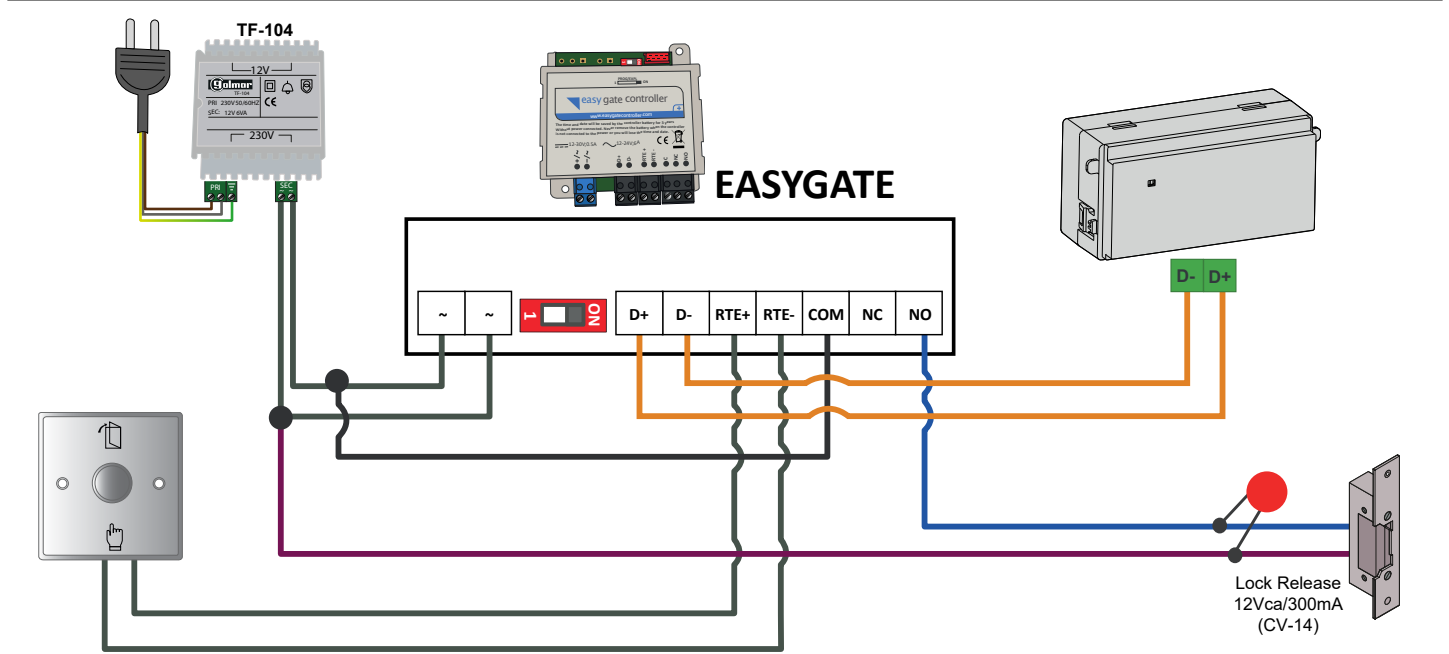
2.INTRODUCTION

Manual for programming the Easygate controller in local mode. In case you are interested in the programming / management of users in remote mode (from a PC), see the user manual.

3.TECHNICAL SPECIFICATIONS

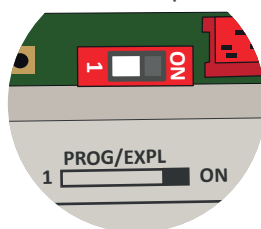
Power supply/consumption	12 to 30Vdc (0.5A) or 12 to 24Vac (6A).
Consumption	Up to 200mA (in card reading/relay activation).
Users	1500 users in local / 2000 users in remote mode.
Reading frequency	13.56MHz.
Maximum distance between reader and controller	90m with twisted pair and shielded (FTP), recommended cable M-26CALH (20100127).
Working temperature	-20° C to +55° C.
Dimensiones	70(H) x 60(W) x 16(D) mm.

4.WIRING DIAGRAM



## 5.ACCESS TO PROGRAMMING

To perform the different programming sequences, it is necessary to manipulate the programming switch:



## 6.PROGRAMMING

The controller uses two types of cards or keyfobs: **Master** and **resident**. The “resident” cards open the door and the “master” cards are used to enroll the “resident” cards.

### 6.1.ADD MASTER CARDS (MAX.10)

1. Move the controller SW to position 1 (prog).
2. The red led on the reader will light up. Each time a key or card is swiped through the reader, the red led will turn green and red.
3. After programming the master cards (maximum 10), move the SW to position ON (Expl).

### 6.2.ADD RESIDENT CARDS (MAX.1500)

1. Present one of the master cards for 5 seconds on the front of the reader until its red LED lights up.
2. Present the resident cards one by one. For each new card presented, the LED will change status to green, then to red for a short period.
3. After the last resident key to be programmed has been presented, present the master card to exit programming. The led on the reader will turn off.

### 6.3.REMOVE RESIDENT CARDS

1. Present one of the master cards on the front of the reader for 5 seconds until the red LED on the reader lights up.
2. Present the resident card to be removed in the reader for 5 seconds, until the LED turns from red to green. If you want to erase any other resident card, repeat the process.
3. After the last resident key to be deleted has been presented, present the master card to exit programming. The led on the reader will turn off.

### 6.4.REMOVE ALL RESIDENT CARDS

1. Move the SW of the controller to position 1 (prog), leave the output button pressed for 5 seconds until the red LED on the controller starts flashing (3 times per second).
2. Move the SW to the ON (Expl) position.
3. All resident cards will be deleted.

### 6.5.REMOVE AL MASTER CARDS

1. Remove power and move the controller SW to position 1 (prog).
2. Press and hold the “output pushbutton” while powering and hold for 5 seconds (steady red led). Move the SW to ON (Expl) the red led will flash slowly.
3. All master cards will be erased.

### 6.6.MODIFY OPENING TIME

1. Move the SW to position 1 (prog). The red Led of the controller will light up.
2. Using the output pushbutton it is possible to give the desired number of pushes for the opening in seconds (e.g.: 5 pushes equals 5 seconds).
3. Move the SW to the ON position when finished.

## 7.STATUS LEDs MEANING

LED	EASYGATE CONTROLLER
RED LED OFF	Controller out of service (no power supply or failure).
RED LED FLASHING FAST	(3 times per second) Communication problems between the reader and the controller (check cable connection).
RED LED SLOW FLASHING	(1 time every 3 seconds) Successful communication between the reader and the controller.
GREEN LED ON	Correct power supply

LED	READER
GREEN AND RED LIGHTING	In case the reader's LED lights first green and then red when powered, the connection is correct.
RED AND GREEN FAST LIGHTING	In case the reader LED lights up red first and then green when powering it, the connection is wrong.



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