SIRIO 4

ELECTRONIC CONTROL BOARD FOR SWINGING GATES WITH ONE OR TWO SWINGS

DELMA

MANUAL

!!! ATTENTION - NOTICE FOR THE INSTALLER !!!

The bridges present on the contacts STOP, SENSITIVE EDGE, PHOTOCELLS, will not be installed anymore by BAME s.r.l. for safety and normative reasons.

If one more of these contacts will not be utilised for any reason, the installer must insert a bridge on the contacts to assure a correct operation of the control board.

Always follow the european standard specifications for garage doors and gates, EN12453 and EN12445.

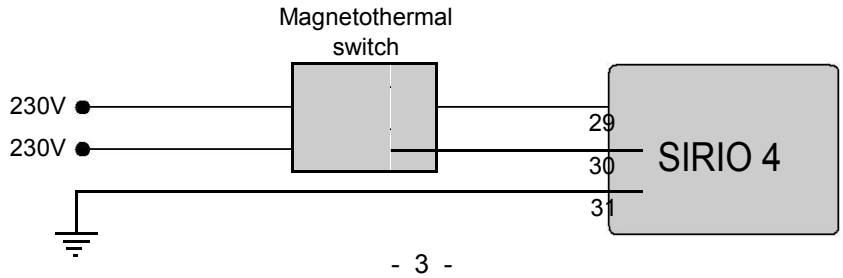
SIRIO 4

SIRIO 4 NEW MANUAL - SUMMARY

Note:

When installing the device, insert a switch with a contact opening of at least 3 mm which ensures the equip-ment's omni-polar disconnection from the power supply.

Please read carefully this manual before proceeding with the installation of the device!!!



CONTACTS

1 - 2	“APRE” contact: only opening function (normally open).
3 - 4	Step-by-step pedestrian opening contact: drives swing n. 2 (normally open).
5 - 6	Start/Stop (normally open).
7 - 8	Photocell contact (normally close).
9 - 10	Stop contact (normally close). Leave jumper when disconnected. If this contact is open, the board stops working.
11 - 12	Pneumatic safety device contact (normally close).
13 - 14	24 Vac outlet for photocell feed (Max 150 mA).
15 - 16	Universal contacts for electric lock.
17 - 18 - 19	Feed outlet for motor n. 1, (18 = Common, the board automatically recognises the motor’s direction). Max. 500W 230V.
20 - 21 - 22	Feed outlet for motor n. 2, (21 = Common, the board automatically recognises the motor’s direction). Max. 500W 230V.
23 - 24	Contact for blinking light 230V Max 10A.
25 - 26	Courtesy light contact: without electric tension, remote-control or time operated. Max 10A.
27 - 28	Antenna contact (metallic mesh of clamp 27).
29 - 30	Power supply of the board 230 Vac, 50 Hz.
31	Ground.

BOARD DEFAULT PARAMETERS

T1 : motor power for normal running phase - 0 = MAXIMUM TORQUE
T2 : motor power for lagging phase - 0 = MAXIMUM TORQUE
T3 : lagging timing - 4 = 2 SECONDS
T4 : swing delay timing - 3 = 1.5 SECONDS
T5 : pedestrian opening - 3 = 4.8 SECONDS
T6 : photocell driven lock timing - 1 = 3 SECONDS
T7 : automatic lock timing - 2 = 56 SECONDS
T8 : courtesy light timing - 0 = GATE OPEN PILOT LIGHT
T9 : pedestrian gate automatic lock timing - 1 = 28 SECONDS

F1 : electric lock - 0 = OFF (activating the electric lock, will also activate the ram trigger)
F2 : pre-opening blinking light - 0 = OFF
F4 : photocell setting for operation during opening - 0 = OFF
F5: transform pneumatic device contact in photocell 2 contact - 0 = OFF

Led 1: Contact Open

Led 2: Pedestrian Opening

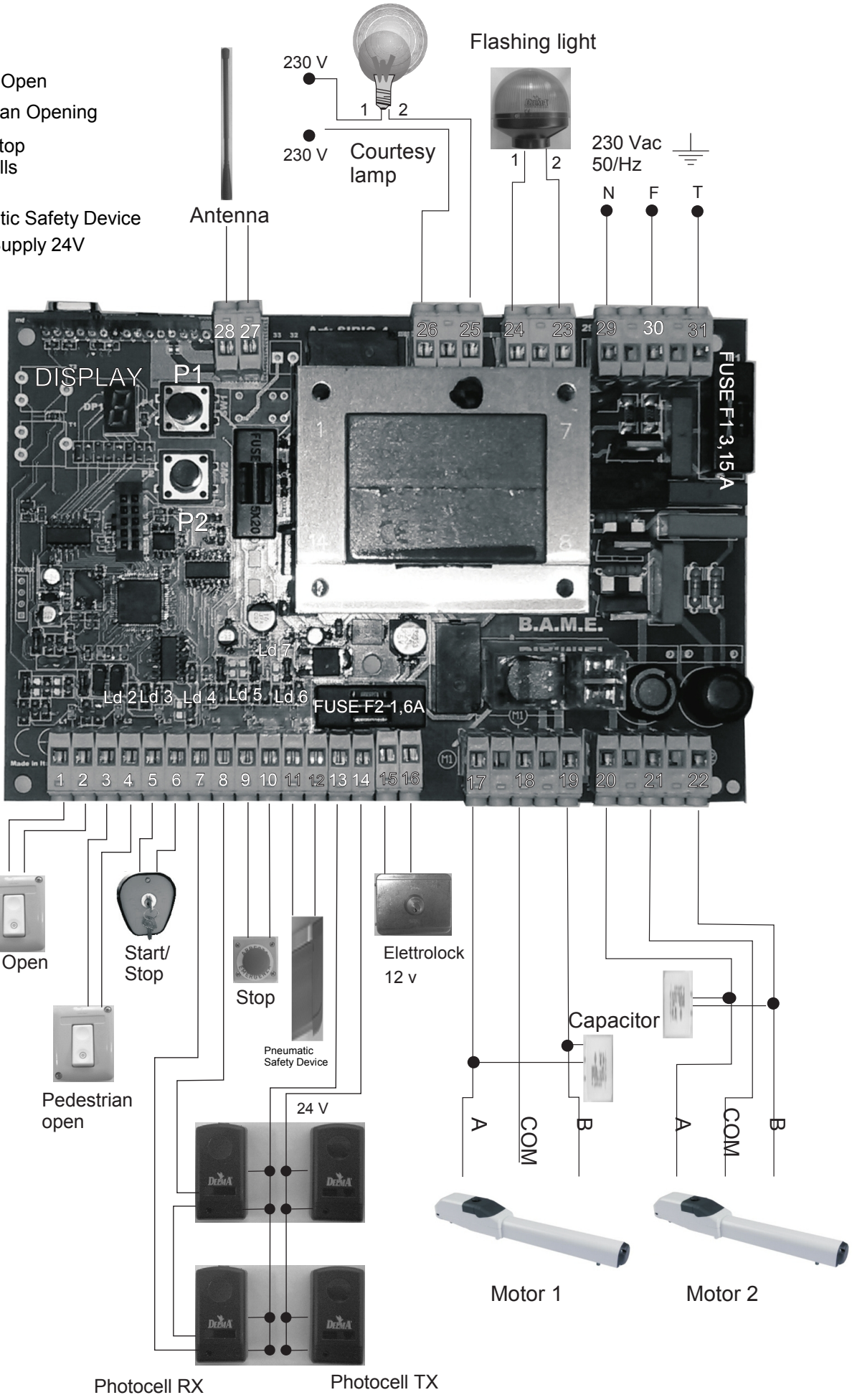
Led 3: Start / Stop

Led 4: Photocells

Led 5: Stop

Led 6: Pneumatic Safety Device

Led 7: Power Supply 24V

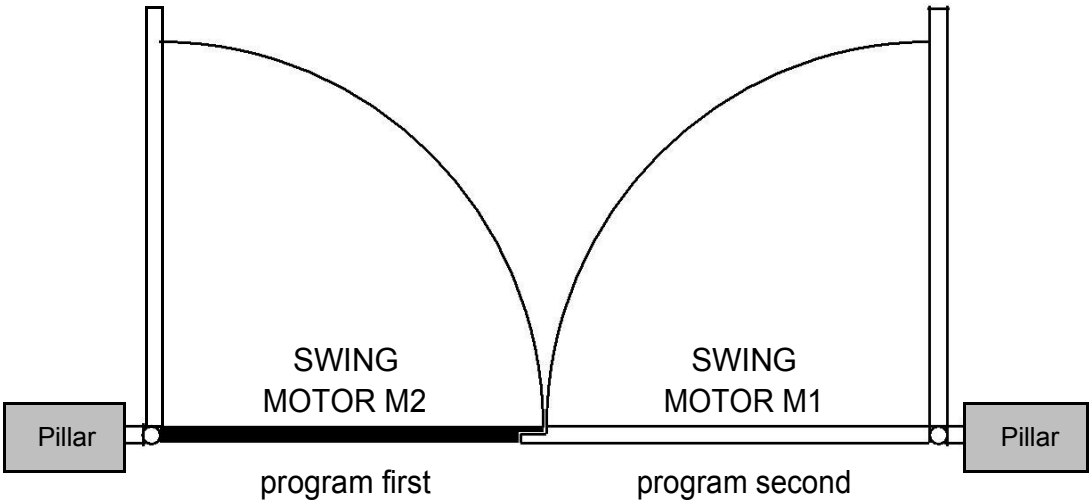


Programming running phases and work time of swings (Letter A on display)

Programming A1 for gates with 2 doors

To do before times' programming:

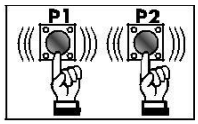
1. Place the doors fully closed and ensure that the electrical lock, if present, is unlocked.
2. Make sure that the display indicates gate closed "I"
3. Memorizing at least a remote on Start (see procedure on page 18 of this manual) or connect to the contact Start of the board a selector or a NA button (see page 5 of this manual)
4. If you do not want the slowdown turn it off by accessing to the menu A3 (see page 9 of this manual)



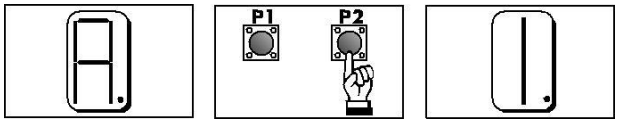
Programming Swing n. 2 (swing delayed when closing)

1. Power the board.

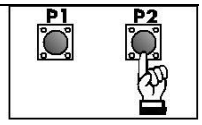
2. Press P1 and P2 simultaneously for three seconds to begin programming the board.



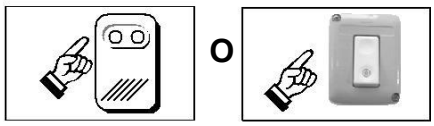
3. The display shows the letter A with a flashing point. Press P2 Within 15 seconds to confirm the selection. The display shows the number 1 with a flashing point.



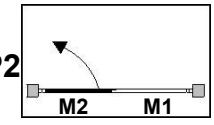
4.Press P2 within 15 seconds to confirm and the flashing point will remain fixed. Now you are in the programming of work times.



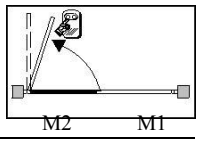
5 Press and release the Start by remote control previously memorized or by selector button previously connected



6. The door 2 will begin the opening phase.
WARNING: If the engine starts the closing phase, press simultaneously P1 and P2 for 3 seconds to lock the programming, swap wires 20 and 22 and repeat the procedure from the beginning.

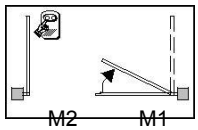


7. Press again the start as soon as the door approaches the point of slowdown beginning. In the case of slowing-down disabled let end the opening phase.

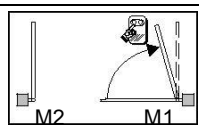


8.Once the door 2 has arrived in the fully open position press again the Start. The door 2 will stop and the door 1 will start the opening phase.

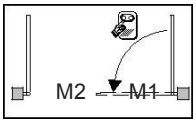
CAUTION: If the motor starts the closing phase, press simultaneously P1 and P2 buttons for 3 seconds to lock the programming, swap wires 17 and 19 and repeat the procedure from the start.



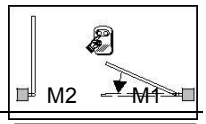
9.When the door has reached the point of slowdown beginning press again the start, if the slowdown is off to wait until it is fully opened



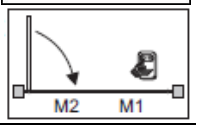
10. When the door has reached the point of maximum opening desired press Start and the door 1 will begin the closing phase.



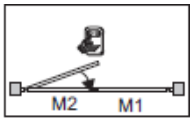
11. When the door 1 has reached the point of slowdown beginning press again the start, if the slowdown is off, wait until it is completely closed.



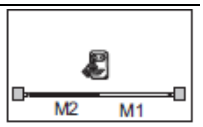
12. When the door 1 has reached the point of maximum desired closing press Start and the door 2 will begin the closing phase



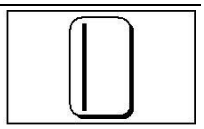
13. When the door 2 has reached the start point of slowdown press again the start, if the slowdown is off wait until it is completely closed.



14. When the door 2 has reached the point of maximum desired closing press Start



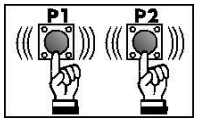
15. The board exits automatically from the programming phase and the display shows the symbol of closed gate
The programming was successful.



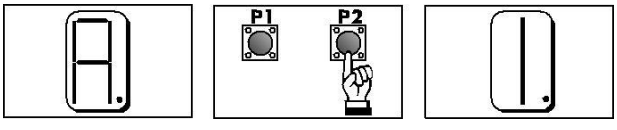
Programming A2 selection gate with 1 door or 2 doors

1. Power the board

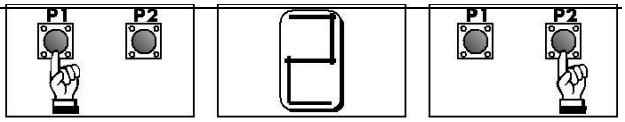
2. Bring the board into programming by pressing simultaneously P1 and P2 for three seconds



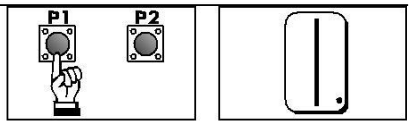
3. The display shows the letter A with a flashing point.
Press P2 Within 15 seconds to confirm the selection.
The display shows the number 1 with a flashing point



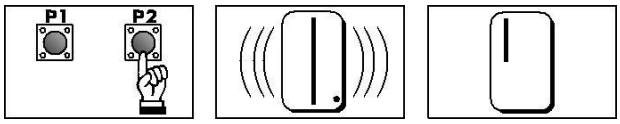
4. Scroll the values with P1 until n. 2 will appear, then press P2 to confirm.



5. Scroll to the value 1 with P1



6. Pressing the P2, the display will flash 2 times as confirmation and will indicate the symbol 1 door closed. Now perform time programming A1 on page 9.

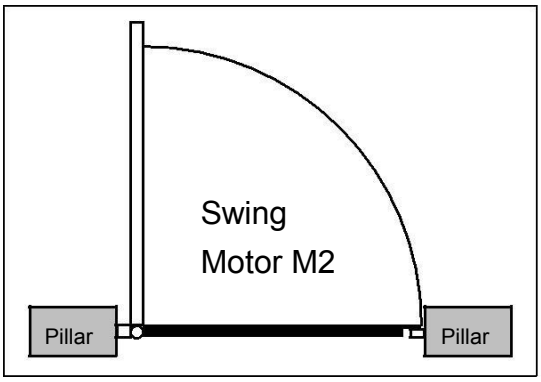


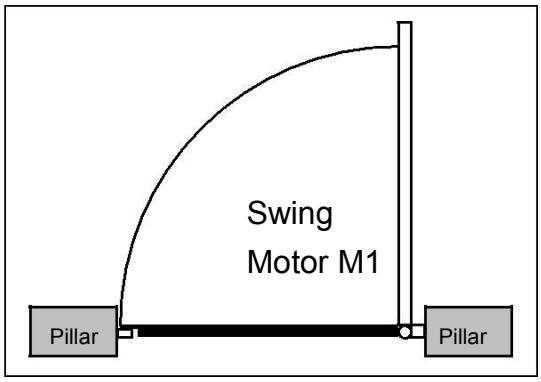
Programming A1 for gate with 1 door

Warning: Before performing this programmation make sure you have selected the mode with 1 door as in the previous menu.

To do before performing time programming:

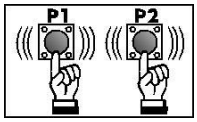
1. Place the door completely closed and make sure that the electric lock, if present, is unlocked.
2. Make sure that the display indicates on the board gate closed
3. Memorize at least a remote on Start (see procedure on page 18 of this manual) or connect to the contact Start of the board a selector or a NA button (see page 5 of this manual)
4. If you do not want the slowdown turn it off by accessing the menu A3 (see page 9 of this manual)
5. Always connect the motor to the output M2 independently from the opening side of the door.
6. Perform the programmation as described below:



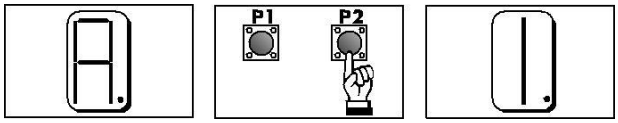


1. Power the board

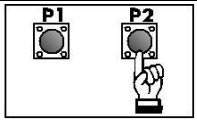
2. Bring the board into programming by pressing simultaneously P1 and P2 for three seconds.



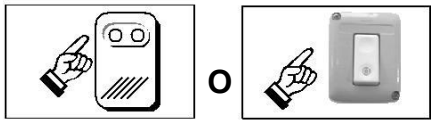
3. The display shows the letter A with a flashing point. Press P2 Within 15 seconds to confirm the selection. The display shows the number 1 with a flashing point.



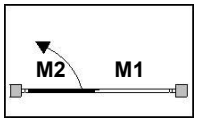
4. Press P2 within 15 seconds to confirm and the flashing point will remain fixed Now you are in the programming of work times



5. Press and release the Start by remote control previously memorized or selector button previously connected

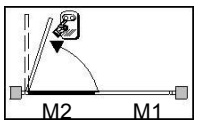


6. The door 2 will begin the opening phase.

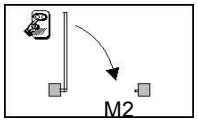


WARNING: If the motor starts the closing phase, press simultaneously P1 and P2 for 3 seconds to lock the programming, swap wires 20 and 22 and repeat the procedure from the beginning.

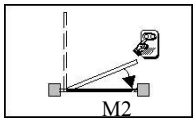
7. Press again start as soon as the door approaches the point of starting slow down In the case of slowing disabled let the opening phase to end



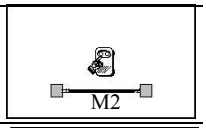
8. Once the panel 2 has arrived in the fully open position again press the Start. The door 2 will stop and begin the closing phase.



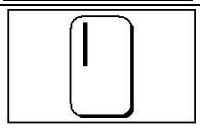
9. When the door 2 has reached the point of beginning of the slowdown press again the start, if the slowdown is off, wait until it is completely closed.



10. When the door 2 has reached the point of maximum desired closing press Start



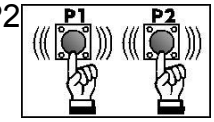
11. The board exits automatically from the programming phase and the display will show the symbol of the closed gate. The programming was successful.



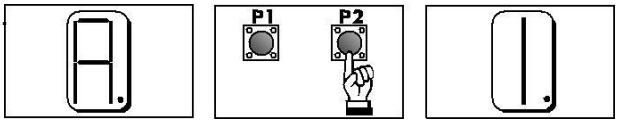
Programming A3 for activation - exclusion slowdown

1. Power the board.

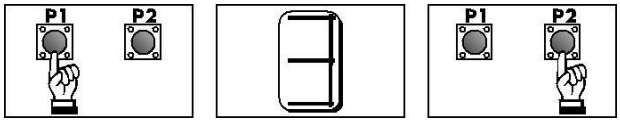
2. Bring the board into programming by simultaneously pressing the buttons P1 and P2 for 3 seconds.



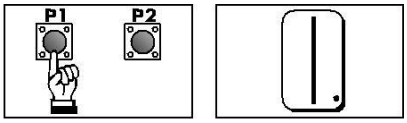
3. The display shows the letter A with a flashing point. Press P2 Within 15 seconds to confirm the selection. The display shows the number 1 with a flashing point



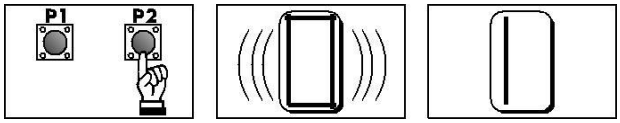
4. The display shows the number 1. Scroll the values with P1 until the number 3, then press P2 to confirm



5. Scroll to the value 0 with P1 to deactivate the slowing



6.Pressing the P2, the display will flash twice as confirmation and will indicate the symbol 1 door closed

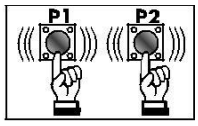


TIMING PROGRAMMING
(Letter T on the display)

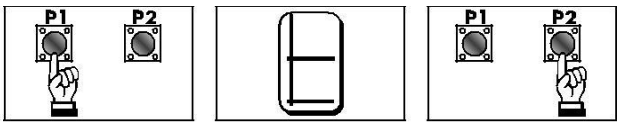
Programming parameter t1

As shown in the chart, the parameter T1 controls the motor torque during the normal running phase. You can select the value from 0 (maximum power) to 9 (minimum power).
Programming motor torque:

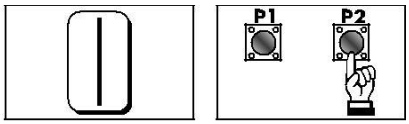
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



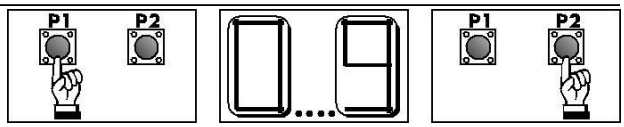
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. You should see n. 1. Press P2 to confirm.



4.Scroll values between 0 and 9 with P1 until the desired value, knowing that each value means a given force and that the value 0 is the highest and 9 is the minimum.
Press P2 to confirm

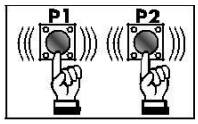


NOTE: the board is set at 6 as default setting

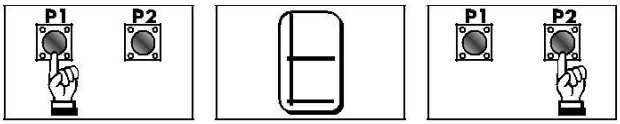
Programming of t2

The parameter T2 controls the motor torque during the lagging phase.

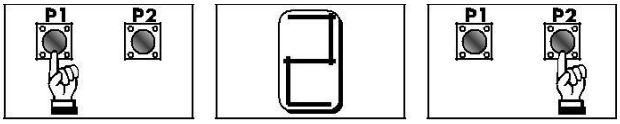
1. Set the board in programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



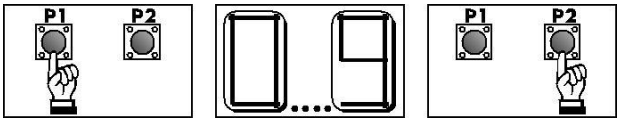
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. You should see n. 1. Scroll the values with P1 until n. 2 will appear, then press P2 to confirm.



5. Scroll values between 0 and 9 with P1 until the desired value, knowing that each value means a given force and that the value 0 is the highest and 9 is the minimum.
Press P2 to confirm.



NOTE: the board is set at 0 as default setting

ATTENTION !!!!!! After changing the values of t1 and t2 it is necessary to reprogram A1

Programming of t3

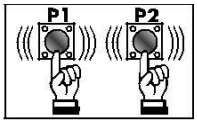
The parameter t3 increases the time of motor thrust during closing phase adding extra time to the one programmed.
It is useful to compensate any differences in the opening and closing times in hydraulic motors or in the case of gates not properly fonctionning or balanced

On Display	Seconds
0	0,5
1	1
2	1,5
3	2
4	2,5
5	3
6	3,5
7	4
8	4,5
9	5

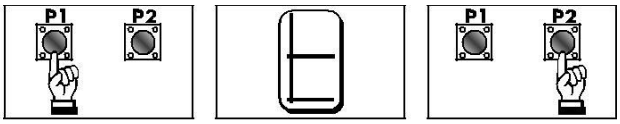
Attention!!! Every time the parameter T3 is changed, the swing work time must be reprogrammed

Setting the lagging time.

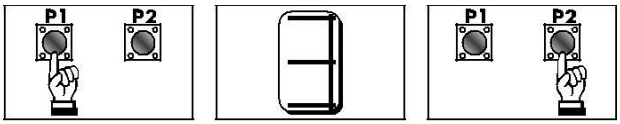
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



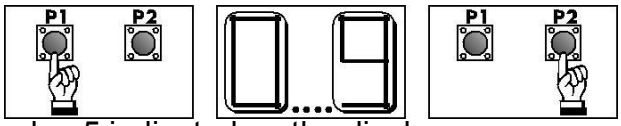
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. You should see n. 1 on the display. Scroll the values with P1until n. 3 appears, then press P2 to confirm.



4. Scroll values between 0 and 9 with P1 until the desired value, knowing that each value means a given time as in the table, press P2 to confirm (for example the value 5 indicated on the display corresponds to an automatic closing time of 3.5 seconds).



ATTENTION !!!!!! The board has as a default setting value 4, that is to say an increased time of 3 seconds

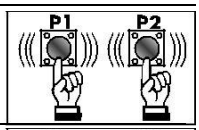
Programming of t4

By programming t4, you set the delay time of swing n. 1 in relation to swing n. 2 in the opening phase, and the delay time of swing n. 2 in relation of swing n. 1 in the closing phase.
In the chart, you can see all the possible delay times:

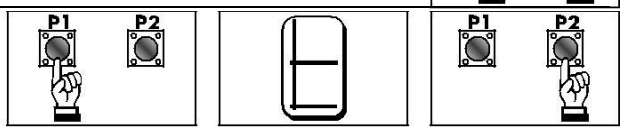
On Display	Seconds
0	1
1	2
2	3
3	4
4	5
5	6
6	7
7	8
8	9
9	10

How to set the delay time:

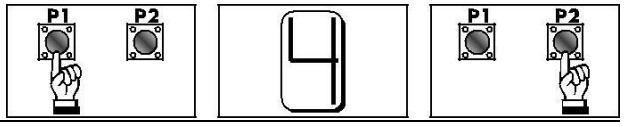
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



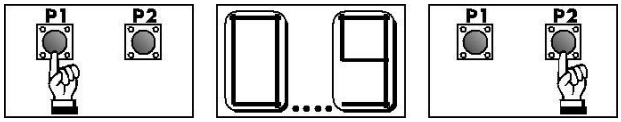
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. The display will show n. 1. Scroll the values with P1until n. 4 appears then press P2 to confirm.



4.Scroll values between 0 and 9 with P1 until the desired value, knowing that each value has a defined time as explicate in the table, press P2 to confirm (for example to the value 5 indicated on the display corresponds an automatic closing time equal to 6 seconds).



ATTENTION !!!!!! The board has as a default setting value 3, that is to say an increased time of 4 seconds

Programming of t5

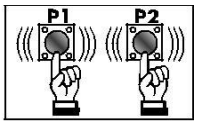
Programming t5 establishes the opening time of the pedestrian door by setting the working time of the motor.

The working times of the motor that can be set are shown in the table

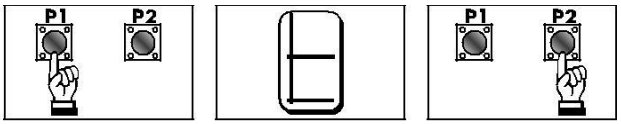
On Display	Seconds
0	0
1	2
2	4
3	6
4	8
5	10
6	12
7	14
8	16
9	18

To a higher motor running time corresponds a wider swing opening. Programming the parameter t5:

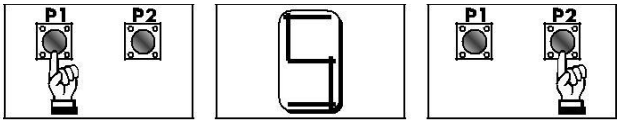
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



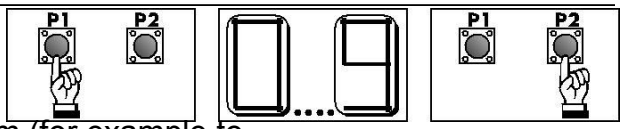
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. The display will show n. 1. Scroll the values with P1 until n. 5 appears, then press P2 to confirm.



4. Scroll values between 0 and 9 with P1 until the desired value, knowing that each value has a defined time as explicate in the table, press P2 to confirm (for example to the value 5 indicated on the display corresponds an automatic closing time equal to 10 seconds).



NOTE: the board default values is 3 (motor running time of 6 seconds).

Programming of t6

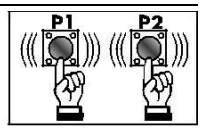
The parameter T6 sets the automatic closure time of the gate by means of photocell, i.e.: after the photocell is trespassed, the gate will be shut no matter the closure time set on the parameter T7.

The closure time for the photocell can be set from a minimum of 3 seconds to a maximum of 27 seconds. This function can also be disabled (see the chart):

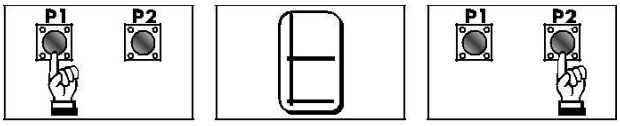
On Display	Seconds
0	OFF
1	3
2	6
3	9
4	12
5	15
6	18
7	21
8	24
9	27

Programming the parameter t6:

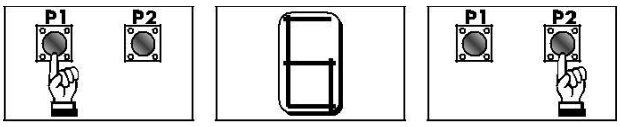
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



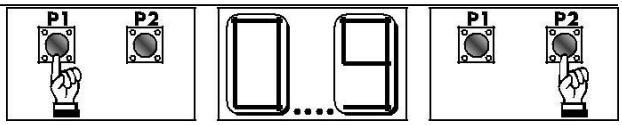
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. The display will show n. 1. Scroll the values with P1 until n. 6 appears, then press P2 to confirm.



4. Scroll the values from 0 to 9 with P1.Select the value. Notice that each value corresponds to a specific time (see the chart). Press P2 to confirm (i.e.: value 5 on the display means an automatic closure time of 15 seconds)



NOTE: the board default value is 1 (photocell lock time of 3 seconds).

NOTE: if the automatic closure option T7 is turned off, the photocell automatic lock will be disabled.

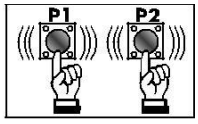
Programming of t7

Programming t7 it is possible to establish an automatic closing time for the gate. The automatic closing time varies from a minimum of 10 seconds to a maximum of 240 seconds equal to 4 minutes, or this function can be disabled as highlighted in the table:

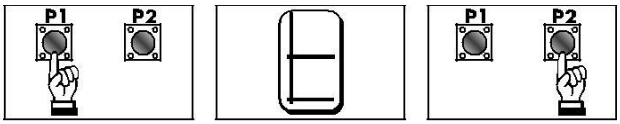
On Display	Seconds
0	OFF
1	10
2	20
3	30
4	45
5	60
6	90
7	120
8	180
9	240

Programming the parameter t7:

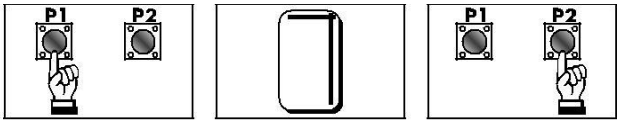
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



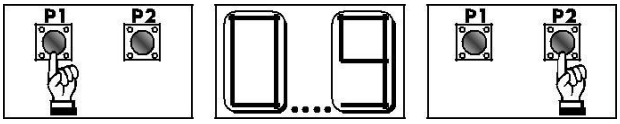
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. The display will show n. 1. Scroll the values with P1 until n. 7 appears, then press P2 to confirm.



4. Scroll the values from 0 to 9 with P1.
Select the value. Notice that each value corresponds to a specific time (see the chart). Press P2 to confirm
(i.e.: value 5 on the display means an automatic closure time of 140 seconds)



NOTE: the board default value is 2 (automatic lock time of 20 seconds).

NOTE: the automatic lock countdown timer starts when the gate is fully open.

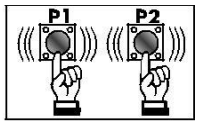
Programming of t8

Parameter t8 controls the courtesy light timing. The courtesy light time varies from 30 seconds (minimum) to 270 seconds (maximum) equal to 4 minutes and 30 seconds. You can also turn off this function (see the chart):

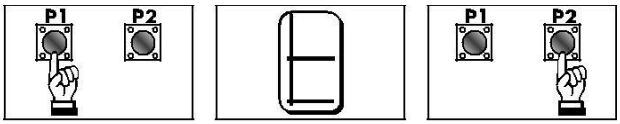
On Display	Seconds
0	Gate pilot light
1	30
2	60
3	90
4	120
5	150
6	180
7	210
8	240
9	270

Programming of the parameter t8

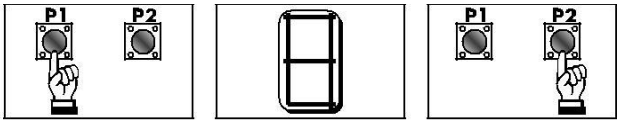
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



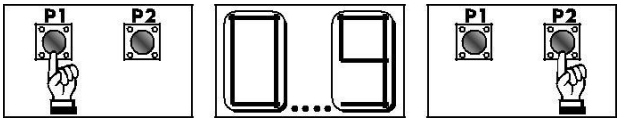
2.Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3.The display will show n. 1. Scroll the values with P1 until n. 8 appears, then press P2 to confirm.



4 Scroll values between 0 and 9 with P1 until the desired value, knowing that each value has a defined time as explicate in the table, press P2 to confirm (for example the value 5 indicated on the display corresponds to a delay time of 150 seconds)



NOTE: if you operate the courtesy light with the remote control, it will remain ON until you press again the button on the remote control, or until you open/shut the gate again. If you select the “open gate” pilot light parameter, it will not be possible to operate the courtesy light with the remote control.

NOTE: The board default setting is 0 (open gate pilot light).

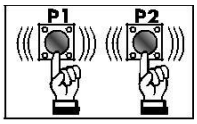
Programming of t9

With t9, you can set the automatic lock time of the pedestrian gate. The automatic lock time varies from 10 seconds (minimum) to 240 seconds = 4 minutes (maximum). You can also turn off this function (see the chart).

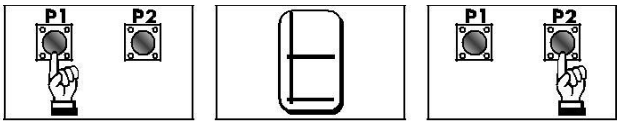
On Display	Seconds
0	OFF
1	10
2	20
3	30
4	45
5	60
6	90
7	120
8	184
9	240

Programming of parameter t9

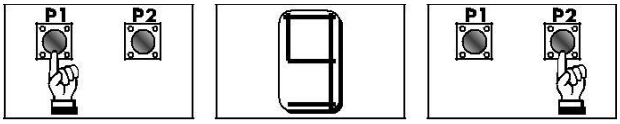
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



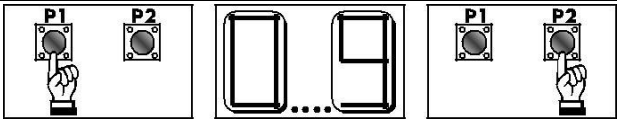
2. Scroll the menu with P1 until letter t appears on the display. Press P2 to confirm.



3. The display will show n. 1. Scroll the values with P1 until n. 9 appears, then press P2 to confirm.



3.Scroll the values from 0 to 9 with P1. Select the value. Notice that each value corresponds to a specific time (see the chart). Press P2 to confirm (i.e.: value 5 on the display means an automatic closure time of 140 seconds)



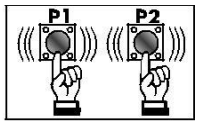
NOTE: The board default setting value is 1 (automatic lock time = 10 seconds).

Programming remote control codes (Letter C on the display)

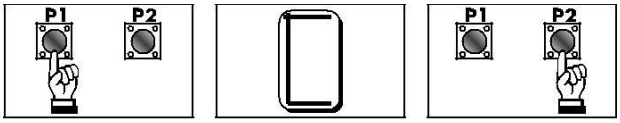
Programming the parameter C1: step-by-step logic (start/stop).

Recommended for residential systems:

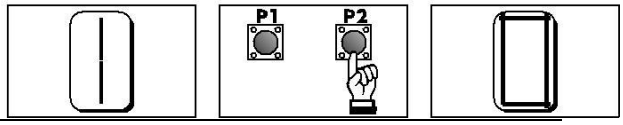
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



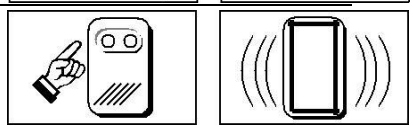
2. Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



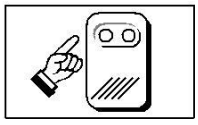
3.The display shows the number 1. Press P2 to confirm. The display shows the number 0.



4. Push a button on the remote to memorize the code.



5. Within 10 seconds, press the buttons of the other remote controls to be memorized. After 10 seconds without receiving any command the board will automatically exit from the programmation

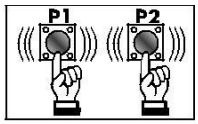


NOTE: when entering a code already stored, the code will be deleted from the memory of the board.

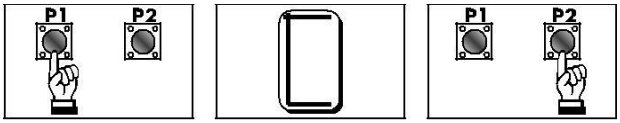
Programming the parameter C2: non step-by-step logic (open only).

Recommended for house systems:

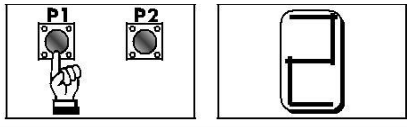
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



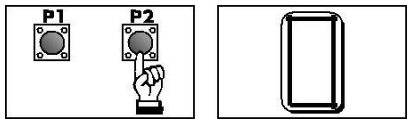
2.Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



3. The display will show n. 1. Scroll the values with P1 until n. 2 appears.

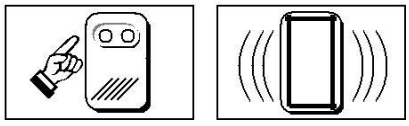


4. Press P2 to confirm the number 0 will appear on the display.



5.Push a button on the remote to memorize the code.

The display will issue 2 flashes to indicate successful memorizing



6. . Within 10 seconds, press the buttons of the other remote controls to be memorized

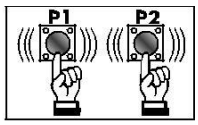
NOTE: when entering a code already stored, the code will be deleted from the memory of the board.

Programming of the parameter C3: opening pedestrian gate with remote control.

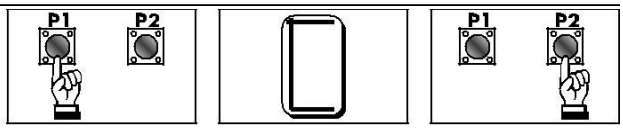
You can set a radio code to open the pedestrian gate with C3.

Storing the radio code:

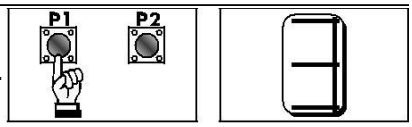
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



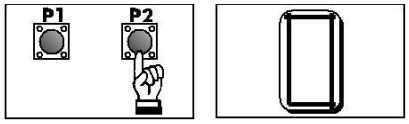
2.Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



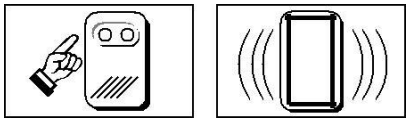
3. The display will show n. 1. Scroll the values with P1 until n. 3 appears.



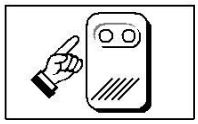
4. Press P2 to confirm the number 0 will appear on the display.



5.To store the code, press the correspondent button on the remote control The display will issue 2 flashes to indicate successful memorizing



6. Within 10 seconds, press the buttons of the other remote controls to be memorized. After 10 seconds without receiving any command the board will automatically exit from the programming.



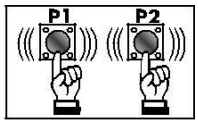
NOTE: when entering a code already stored, the code will be deleted from the memory of the board.

Programming the parameter C4: on/off courtesy light code.

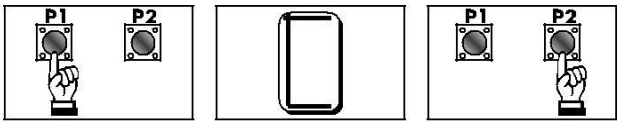
With C4 parameter you can set a radio code for turning the courtesy light OFF/ON, if available.

Storing radio code:

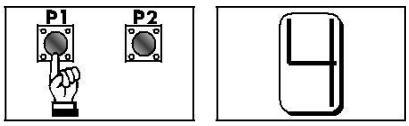
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds



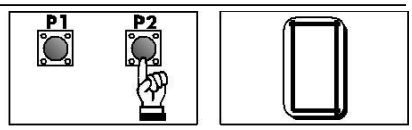
2.Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



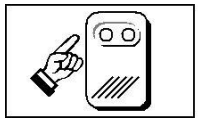
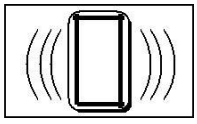
3. The display will show n.1. Scroll the values with P1 until n. 4 appears.



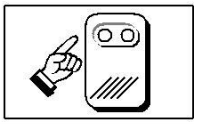
4. Press P2 to confirm the number 0 will appear on the display.



5. To store the code, press the correspondent button on the remote control. The display will issue 2 flashes to indicate successful memorizing

6.Within 10 seconds, press the buttons of the other remote controls to be memorized. After 10 seconds without receiving any command the board will automatically exit from the programming

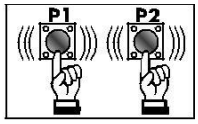


NOTE: when entering a code already stored, the code will be deleted from the memory of the board.

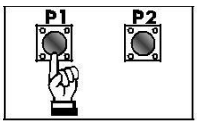
Programming the parameter C5 : deletion of all codes.

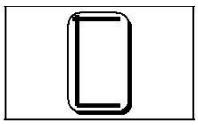
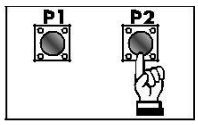
With the parameter C5, you can delete all the stored codes with one single operation:

1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.

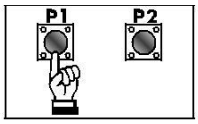


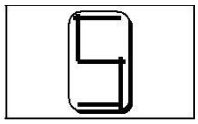
2. Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



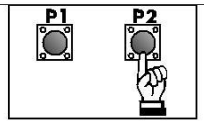



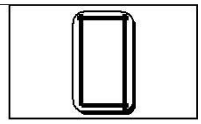
3. The display will show n. 1. Scroll the values with P1until n. 5 appears.



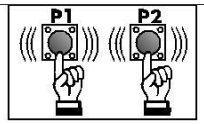


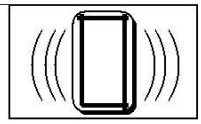
4. Press P2 to confirm , the number 0 will appear on the display





5. Press P1 and P2 simultaneously. The display will issue 2 flashes to signal the cancellation of all codes





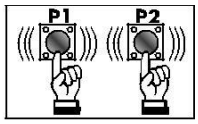
6. After 10 seconds the board will automatically exit from programming.

PROGRAMMING OF SECONDARY FUNCTIONS: (Letter F on the display)

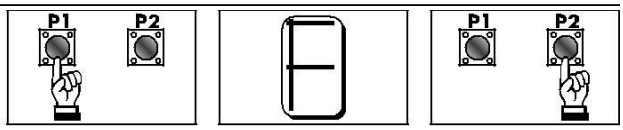
Programming of the parameter F1: electric lock.

This function controls the gate's electric lock.
The board default value is 0 (electric lock disconnected).
To turn the electric lock on, follow the steps below:

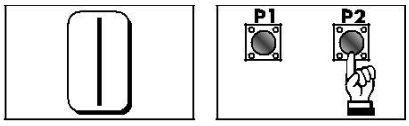
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



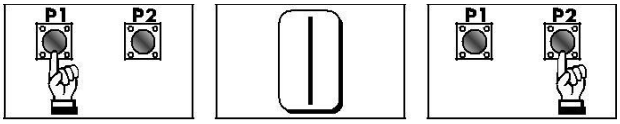
2.Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



3. The display will show n.1. Press P2 to confirm.



4. Scroll the values with P1 until n. 1 appears. Press P2 to confirm.



5. The electric lock is now on.

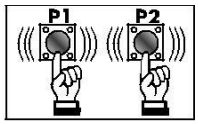
NOTE: when the electric lock it's turned on, also the ram trigger will be activate.

Programming the parameter F2: pre-blinking in opening and closing operations.

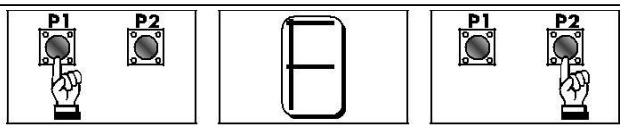
If enabling the pre-blinking, the blinker will flash for 3 seconds before the gate start opening. If this function is turned OFF, the blinker will start flashing when the gate start moving.
The board setting default value is 0 (pre-blinking light OFF).

Turning ON the pre-blinking light:

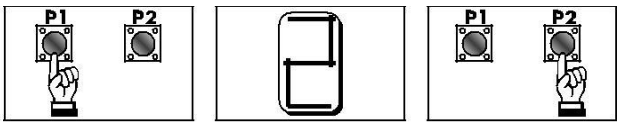
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



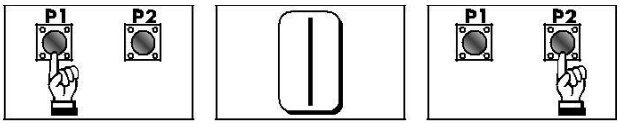
2.Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



3. The display will show n. 1. Press P1until n. 2 appears. Press P2 to confirm.



4. With P1, select n. 1. Press P2 to confirm.



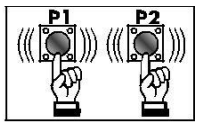
5. The pre-blinking is now enabled.

Programming of the parameter F3: board reset function.

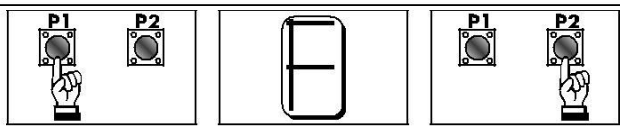
With F3, it's possible reset the board to default settings without deleting the remote control codes.

Resetting the board:

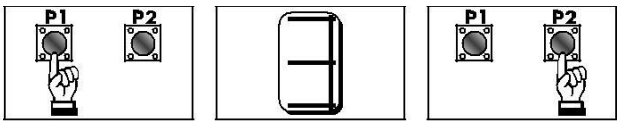
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



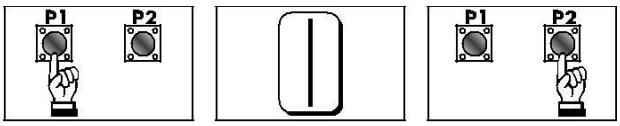
2.Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



3. The display will show n. 1. Press P1until n. 3 appears. Press P2 to confirm.



4. With P1, select n. 1. Press P2 to confirm.



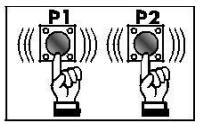
5. The board is resetted to the default values.

Programming of the parameter F4: enable photocells during opening operations.

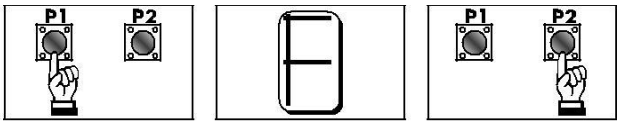
With this option it's possible to enable the photocells also during opening operations. The board default setting is 0, photocells not enabled during opening.

To activate the photocells during opening operations, follow the steps below:

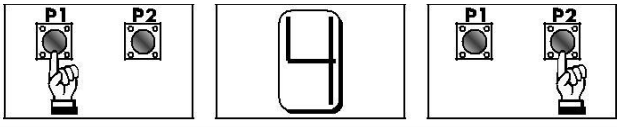
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



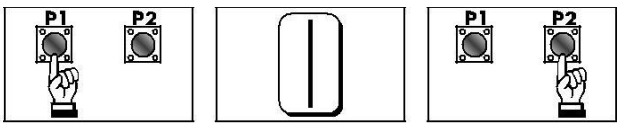
2.Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



3. The display will show n. 1. Press P1until n. 4 appears. Press P2 to confirm.



4. With P1, select n. 1. Press P2 to confirm.



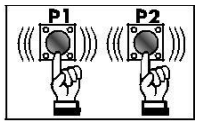
5. Now the photocells are activated also in opening.

Programming of the parameter F5:
transform pneumatic device contact in photocell 2 contact.

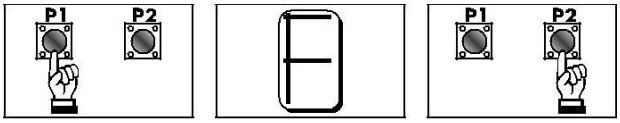
This function allows you to turn the costa contact in a second contact for photocells activated also in opening. This option can be used when you install two pairs of photocells one functioning only in closing and the other functional even during the opening.
Also during the closing if acting on the pair connected to this terminal, the board will make a stop and will not reverse the movement until the obstacle is removed.

To activate this function, follow the steps below:

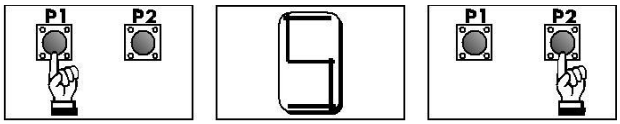
1. Set the board to programming phase by pressing P1 and P2 simultaneously for at least 3 seconds.



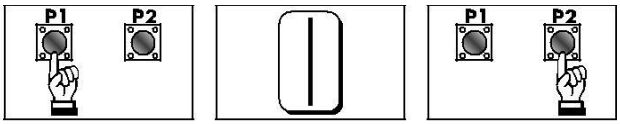
2.Scroll the menu with P1 until letter F appears on the display. Press P2 to confirm.



3. The display will show n. 1. Press P1until n. 6 appears. Press P2 to confirm.



4. With P1, select n. 1. Press P2 to confirm.



The board has the default value of 0,that is to say second pair photocells disabled.

WARNINGS!!!

OUR COMPANY, AS MANUFACTURER, CAN NOT BE HELD RESPONSIBLE FOR DAMAGES DUE TO WRONG OR MISSING CONNECTIONS OR DUE TO AN IMPROPER SETTING.

THE SAFETY DEVICES SHOULD BE ALWAYS INSTALLED AND KEPT IN FULL WORKING ORDER.

ONCE TERMINATED THE SYSTEM SETTING, YOU SHOULD PLACE BACK THE CONTAINER ON ITS POSITION, FASTENING TIGHT ITS SCREWS.

OUR COMPANY, AS MANUFACTURER, CAN NOT BE HELD RESPONSIBLE FOR DAMAGES DUE TO IMPROPER USE OF THE DOOR/GATE.

IT IS FORBIDDEN TO REPLACE ANY ELECTRIC, ELECTRONIC OR MECHANIC PART WITH NOT ORIGINAL OUR COMPANY SPARE PARTS.

OUR COMPANY, HAS THE RIGHT TO MODIFY OR CHANGE THE ELECTRONIC BOARDS AND MANUALS, WITHOUT PRIOR NOTICE.

ALWAYS REGULATE ACCURATELY THE TORQUE OF THE MOTORS. AN INCORRECT SETTING OF THE TORQUE, MAY CAUSE DAMAGE TO PEOPLE, ANIMALS OR OBJECTS.

WARRANTY:

Devices and accessories are guaranteed for a period of 24 months after production, whose date is printed on each item. The company will replace or repair its devices, provided that they are returned to our factory with the warranty label in good conditions. In case of replacement of the returned items, these will remain property of the company.
The warranty does not include damages due to any incorrect use, such as: non fulflment of the instruction detailed for each device, maintenance and servicing carried out without the previous written consent of our company. Moreover, warranty does not cover any damage due to wrong tension supply and any other reason for which the manufacturer cannot be made responsible. Any device returned must be delivered to our company with carriage paid and will be sent back with freight collect.
Warranty validity ceases if customer's payments are not fulflled. Each device manufactured by our company meets the european safety standards.
Our company declines all responsibility for the non-observance of the safety rules by the installers.

In order to reduce the time spent for servicing the returned items, all faulty materials which have been sent back to us must be accompanied by the installer description of the item fault.

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