PROGRAMMING START GATE TO A 'WING (sliding, swing or tilting):
IF as you use the SLOWDOWN AND WATER HAMMER THE PROGRAMMING VA DONE WITH THESE INCLUDED (DIP 6 ON ON ON ON and DIP5)

GATE CLOSED

Bringing DIP1 to "ON" enables the self-paced times:
To program the working time of a single motor (M1) is necessary to give the FIRST START command with the P1 button located on the unit, the door starts opening, when the 'door reaches the desired position to give another command "START" (from now regardless of whether or Tx start in the terminal) and it snaps (in the case of sliding gate shall be the limit FCA1), the flashing light goes out and from this moment on is counted pause time. When you feel enough time to break a START command or Tx, part of the door closing, when the 'door comes into the desired position to give another command "START" and this crashes, (in the case of sliding gate shall be the limit FCC1) the flashing light goes off. The programming LED flashes. And 'necessary at this point bring DIP 1 in the "OFF" (LED turns off). Now it is ready to restart open the gate.

CLOCK FUNCTION
Using terminals 11 and 16 is possible to connect a timer to program the gate openings.
The contact of the timer must be of type NA and must remain closed for the entire time that the gate remains open.
If you already have a connection to terminal 16, connect in parallel.

PAUSE TIME WITHOUT INCREASING FUNCTION REPROGRAM
Pressing while paused P1 increases by 5 seconds pressed pause time (max 20 sec.) At the 5th pressed to return to the original and the LED gives three flashes.

AUTOMATIC CLOSING THE RETURN OF FOOD
If during the motion, both opening and closing, which is missing at the break voltage, power returns the system performs a closure in order to guarantee the closing of the gate after which one has strayed. (Only if DIP 2 OFF)

MANAGEMENT Opening photocell
The control unit is designed with an input (photostop) to intervene in hours:

PROGRAM	OPENING PHOTO	PHOTO BREAK	PHOTO CLOSING
CONDOMINIUM (commands are not accepted in the opening and closes after pause time)	Stops and after liberalization continues to open	Reload pause time	Stops and reopens after liberalization
STEP-BY-STEP Dip 2 OFF or ON	Stops and after liberalization continues to open	irrelevant	Stops and reopens after liberalization

FINAL CHECKS AND TESTING
Before applying power to the equipment necessary for programming the following verifications:
· Check to see if we have correctly set the DIP. (Default OFF all DIP)
· Check the electrical connections; incorrect connection may be detrimental to both the equipment and the operator
· **POWER THE DEVICE**
· Check that the LEDs of the safety devices are turned on and the LEDs are turned off START and STARTPED
· Make sure that when you operate any limit used, the corresponding LEDs are lit.
· Check that the photocell beam passing through the corresponding LED turns off.
· Make sure the gate is closed and that the motors are locked and ready for operation. Remove any obstacles in the range of the gate

WARNINGS
During the wiring and the inclusion of the radio module the equipment must not be fed.
The use of this equipment shall follow and adhere strictly to the technical reference standards. The installation and / or maintenance should be performed only by qualified personnel in compliance with the applicable regulations. The manufacturer can not be held responsible for any damage caused by improper use and / or unreasonable. Incorrect installation or incorrect use of the product may compromise safety, all materials contained in the package must not be left within reach of children as sources of danger.

DISPOSAL: keep the product out of the reach of children. Do not throw the 'apparatus together with ordinary municipal waste as a symbol marked on the product. (European Directive 2002/96/EC)

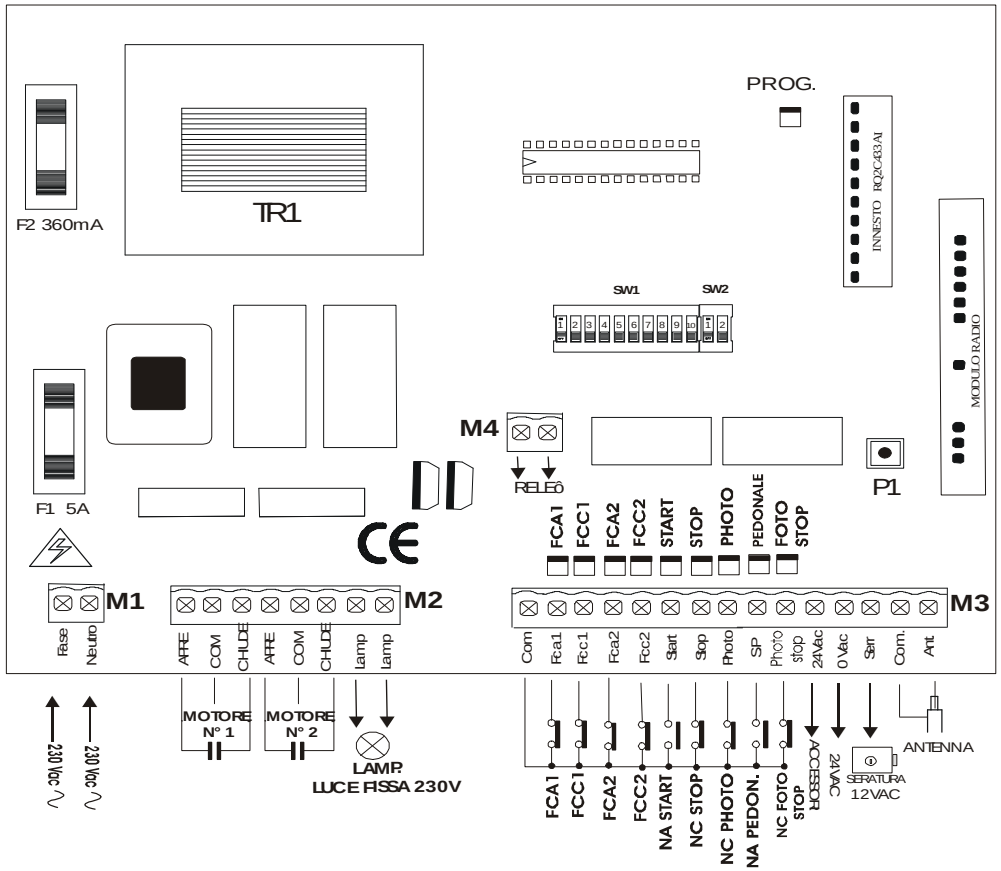
And 'the responsibility of the owner dispose of electrical product collection centers according to the specifications of public bodies.

EC DECLARATION OF CONFORMITY '
Below, we declare that the product meets all the requirements for the type of product required by the regulations and directives 2004/108/EC, 2006/95/EC, through the use of standards published in the Official Journal of the European community:
SFT norm: EN 60950:2006
Norma SFT:
EMC norm: EN301489-3 V1.4.1
EMC standard:
It also declares that it is forbidden to put the above-mentioned products on the market before the machine has these rules and it is found to comply with the conditions required by Directive 89/392 EEC and national laws applies, that is, until the material, to which this declaration , does not form a whole with the final machine.
Company Responsible for placing on the market:
Director:

AUTUN2 ï AUTUN2R

UNIVERSAL EQUIPMENT
The electronic AUTUN2 and AUTUN2R, is scheduled for the automation of swing gate motors or motors for sliding gates. A condominium features, step-by-step, automatic reclosing, walkway, water hammer, slow performance, photo in the opening, closing in photo (photo-stop) and rapid auto-reclosing. Settings of the working time, pause time, delay time, doors opening and closing, pedestrian time and power motors. In addition to the options courtesy light, four limit switches, flashing fixed version on pause and with the radio on or plug. All functions are excludable from dip-switch. Easy to install thanks to the leds control, the removable terminals and screen printed on the printed circuit indicating connections and functions.

INSTALLATION NOTES
1) Before proceeding with the installation, fit upstream of a magnetic switch or differential with a maximum capacity of 10A. The switch must guarantee omnipolar separation of contacts, opening distance of at least 3 mm
2) Differentiate and keep separate power cables (minimum cross-section 1.5 mm2) from the signal cables that can be 0.5 mm2.



TECHNICAL SPECIFICATIONS

- Power supply 230 VAC single phase 50/60 Hz
- N ° engines 2 x 0.5 HP Max
- Flashing 40Wmax 230 VAC
- Alim photocells 24 VAC 8W Max (2 pairs of photocells + radio)
- 12 Vac electric lock 15W Max
- Courtesy light 230 Vac 100w Max
- 230 VAC indicator light 100w Max (24VAC MAX 1W)
- Operating temperature -20 to +55 ° C

CONNECTION (TERMINAL KEY)
M1
1 .. LINE INPUT 230V-PHASE-
2 .. LINE INPUT 230V-NEUTRAL-
M2
3 .. OPEN OUTPUT POWER # 1 (motor for pedestrian crossing)
4 .. OUTPUT COMMON ENGINE # 1 (motor for pedestrian crossing)
5 .. CLOSE OUT MOTOR # 1 (motor for pedestrian crossing)
6 .. OPEN OUTPUT ENGINE # 2
7 .. OUTPUT COMMON ENGINE # 2
8 .. CLOSE OUT ENGINE # 2
9 .. OUTPUT FLASHING LIGHT 220Vac FIXED (neutral)
10 .. FLASHING LIGHT FIXED OUTPUT 220VAC (phase)
CONNECTING THE POWER FACTOR CORRECTION CAPACITORS between terminals 3 - on 5 and 6 - 8
M3
11 .. COMMON INPUTS STOP-START-FCC-FCA
12 .. INPUT FCA1 (contattoNC)
13 .. INPUT FCC1 (contattoNC)
14 .. INPUT FCA2 (contattoNC)
15 .. INPUT FCC2 (contattoNC)
16 .. START INPUT (contattoNA)
17 .. INPUT STOP (contattoNC)
18 .. PHOTOELECTRIC INPUT (contattoNC)
19 .. PEDESTRIAN START INPUT (contattoNA)
20 .. INPUT photostop (contattoNC)
21 .. 24VAC POWER OUTPUT FOR ACCESSORIES
22 .. 0 Vac OUTPUT POWER SUPPLY FOR ACCESSORIES
23 .. OUTPUT ELECTRIC 12Vac
24 .. INPUT ANTENNA BRAID
25 .. ANTENNA INPUT SOUL
M4
26 .. RELAY CONTACT 'CLEAN (SEE CONNECTIONS)
27 .. RELAY CONTACT 'CLEAN (SEE CONNECTIONS)

IMPORTANT: DO NOT CONNECT THE 'COMMON INPUT (11) WITH' OUTPUT 0V (22) FOOD FOR THE ACCESSORIES. PIN-OUT ARE SEPARATED!

MANAGEMENT DIP
Reading Dip (gate is closed)

DIP	**ON**	**OFF**
DIP1	Learning Times	Normal Operation
DIP2	Pitch Pitch without reclosing.	Residential. After a pause or start automatically closes after pause time
DIP3	Condominium (after the first Start not accept other during the opening) Uninfluential	Uninfluential
DIP2 e DIP3	Function open - stop - close - stop ..... Paused closes automatically.	Uninfluential
DIP4	Disable Input Photostop	Enable Input Photostop
DIP5	Water hammer and lock before opening (closing at the end of 2 sec. At maximum power)	It makes no water hammer
DIP 6	Slowdowns 5sec. In opening and closing	Makes no slowdown.
DIP7	Disable flashing Pause. See links for courtesy light terminals 26/27	Turn on flashing + 3min. after opening and closing time work is
DIP8	Selecting Motors Oliodinamici	Selecting Motors Electromechanical
DIP9	Excludes entrance end of the opening 1	Limit switch input open 1 free
DIP10	Excludes closed limit switch input 1	Input limit switch closes 1 free
DIP11	Excludes limit switch input opens 2	Limit switch input open 2 free
DIP12	Excludes limit switch input 2 closes	Input limit switch closes 2 free

MANAGEMENT COURTESY LIGHT 24v: (using the terminals 26-27 see connection diagram)
The control unit is designed with an output indicator with free relay (terminals 26-27) which warns the gate status:

GATE CLOSED	light off
GATE OPENING	fast flashing
GATE CLOSING	slow flashing
GATE IN PAUSE	Light off Dip 7 OFF - Light on DIP switch 7 to ON

TORQUE ADJUSTMENT (default maximum torque)
Through the P1 button you can adjust the motor torque: During operation, pressing the button P1 pressed to each decreased by about 10% of the couple, for a maximum of 6 thresholds. At the seventh pressed to return to the maximum torque and the LED gives a flashing. Pressed / 0 = Voltage 220V 210V 1 = 2 = 3 = 205V 180V 150V 4 = 5 = 6 = 115V 90V. RAL RAL-ELECTRO-OIL = 75% = 100%. Turn on the unit, the LED Prog. shows us of flashes (7 to 1) the level of torque.

RADIO MODULE
The control unit in the version of the receiver R is complete with working frequency of 433.92MHz is equipped with circuit for decoding the codes, both DIP (12bit) that Rolling-code (max. 200 codes).

LEARNING CODES: (only for R version)
Press the P1 button the programming LED (prog) lights up to indicate that the unit is ready to learn a remote control (either code or DIP Rolling-Code with automatic recognition of the type). Now you can press one of the keys of a transmitter (1-3 or 4), Key # 2 only for pedestrian start. The LED prog. gives one flash to mean "learned" (if it does not do the "memory reset"). Without pressing the button again P1 may learn additional remotes the same family one after the other until the LED is lit prog.
After learning of the 'ultimate remote control, you must wait until the LED turns off (about 6 seconds) to indicate that the system is released from learning TX and is ready to operate in a normal manner.

WARNING: after learning the first code the system will only accept that family of codes (if the first is Rolling Rolling all others will be).

MEMORY RESET: (only for R version)
To delete all codes, press and hold the button P1 (the red LED lights up prog), until the LED goes off again. When you release the button, the LED gives a flashing (indicating empty memory), press P1, the LED will turn back and is ready to learn a new remote control (either code or DIP Rolling-Code).

QUICK CLOSING FUNCTION:
This feature reduces the pause time to 3s. intervention and liberation of the photocells. To enable this function, proceed as follows: during the programming time, when the gate is in pause, engage the photocells for at least two seconds (the LED prog. Gives a blink). At the end of the procedure for programming the function is enabled. To exclude repeat the programming procedure.

PROGRAMMING START (two-leaf gate) and PEDESTRIAN START
IF as you use the SLOWDOWN AND WATER HAMMER THE PROGRAMMING VA DONE WITH THESE INCLUDED (DIP 6 ON ON ON ON and DIP5)

GATE CLOSED

Bringing DIP1 to "ON" enables the self-paced times:
Pressing the START button or the first channel of a remote learned earlier you start the gate opening (otherwise reverse the wires of the terminals 3-5 and 6-8). By this time the microprocessor begins to count the times (the programming LED lights up)
Part of the first door in the opening, press the TX to start the second door, when the first leaf comes into the desired position to give another command "START" and this stops, when the second shutter arrives in the desired position to give another command "START" and this blocks (if limit switches are used it is not necessary to press the remote control) the flashing light goes off and then on pause time is counted. When you think enough pause time spent press "START": part the second gate closing time elapses desired phase shift is pressed again START and also the first door closing, when the second door comes into the desired position to give another command "START" and this stops when the door reaches the desired position before giving another command "START" and this blocks (if limit switches are used it is not necessary to press the remote control) the flashing light goes off. The programming LED flashes. And 'necessary at this point bring DIP 1 in the "OFF" (LED turns off). Now it is ready to restart open the gate.
The unit is also designed to handle the partial opening (pedestrian) through the 2nd channel of the remote, already previously stored, or an input PEDESTRIAN START.
To program the pedestrian time you operate as above using the input start ped. or 2 ° of CH TX