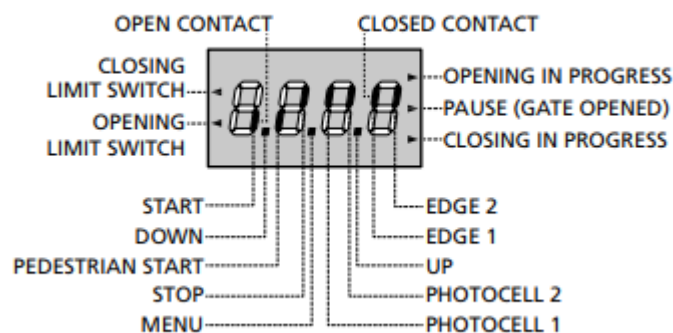




### V2 City1-evo PLUS

When power is on, the control unit checks that display correctly operates by switching on all segments for 1.5 sec. 8.8.8.8. Then you can see the ID of the control unit (Evo1) and the version of the firmware (Pr 1.0).

Panel will be viewed upon completion of this test



The control panel represents the physical status of the terminal board contacts and of the program mode keys: if the upper vertical segment is on, the contact is closed;

if the lower vertical segment is on, the contact is open (the above picture shows an instance where the inputs START, START P, FOTO 1, FOTO 2, COSTA 1, COSTA 2 and STOP have all been correctly connected).

Points being among display digits show the status of programming push-buttons: as soon as a push-button is pressed, its relevant point turns on. NOTE: the "points" among the numbers, are used also to signal the state of the remote safety devices controlled through the ADI module.

The arrows on the display left side show the status of the ends of stroke. As for a one door-gate, arrows turn on when its end of stroke shows that the gate is completely closed or completely open. As for a two-door gate, arrows turn on when both the ends of stroke show that both the doors are completely closed or completely open; the arrow will blink in case only one door reaches its end of stroke.

**WARNING: these functions have not been activated in case of ends of stroke being connected in series to the motor**

The arrows on the display right side show the gate status:

- The highest arrow turns on when the gate is into its opening phase. If it blinks, it means that the opening has been caused by a safety device (border or obstacle detector).
- The central arrow shows that the gate is on pause. If it blinks, it means that the time countdown for the automatic closing has been activated.
- The lowest arrow blinks when the gate is into its closing phase. If it blinks, it means that the closing has been caused by a safety device (border or obstacle detector).

### USE OF DOWN MENU AND UP KEYS FOR PROGRAMMING:

Control unit time and function programming is made within a special configuration menu, to which you can access and where you can shift through DOWN, MENU and UP keys placed under the display

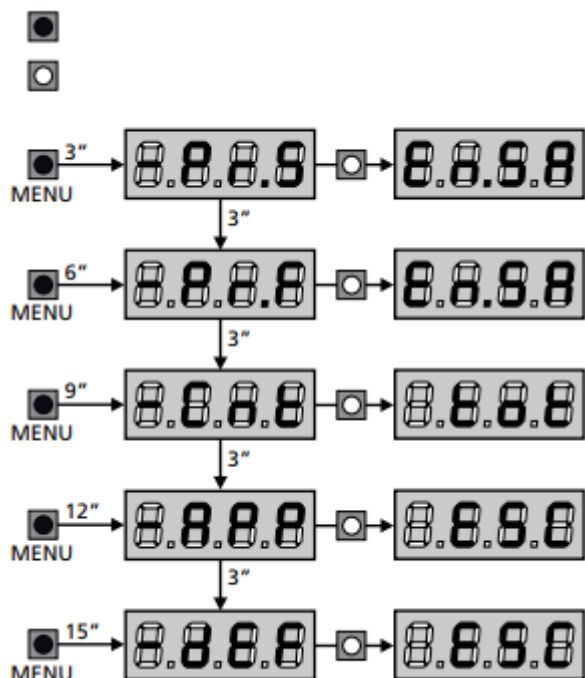
**CAUTION: Except in the configuration menu, pressing the UP key activates a START command and pressing the DOWN key activates a START PEDESTRIAN command**

Hold down the MENU key to scroll through the 5 main menus:

- Pr.S BASE PROGRAMMING (SHORT MENU): only the useful parameters for a base programming are displayed.
- Pr.F ADVANCED PROGRAMMING (FULL MENU) \*: all parameters of the programming menu are displayed.
- Cnt COUNTERS \* -APP SELF-LEARNING OF WORKING TIMES
- DEF LOAD DEFAULT PARAMETERS

To enter one of the 5 main menus, just release the MENU key when the menu you want appears on the display.

To move through the 5 main menus, press the UP and DOWN keys to scroll through the various items. Press the MENU key to display the current value of the selected item and change it if needed



## - QUICK CONFIGURATION:

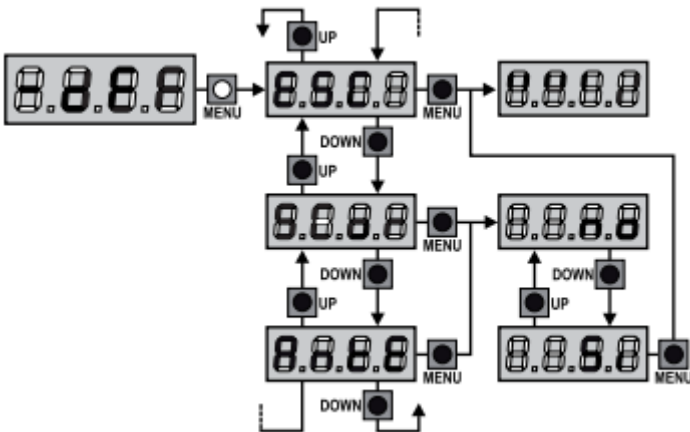
**WARNING: If you load the AntE DEFAULT and the installation only requires one door, set the opening time t.AP2 to zero.**

2. Set parameters StoP, Fot1, Fot2, CoS1, CoS2 according to the safety devices installed on the gate
3. Check that the connection of the motors is correct: a. Feed the unit and activate the automation with a START order: the motors must move in opening in the correct order b. If the direction of the movement is wrong, invert the opening/closing motor cables that move in reverse c. If the opening order of the doors is not correct, invert the connections of the two motors
4. Start the self-learning cycle (chapter 9)
5. Check that the automation work properly and if necessary modify the configuration of the desired parameters

## LOADING OF DEFAULT PARAMETERS

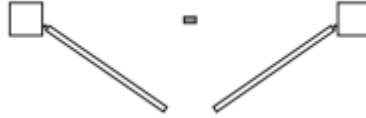
If necessary, it is possible to restore all the parameters to their standard or default value (see table at the end) **mWARNING: This procedure causes the loss of all the customized parameters.**

1. Press and hold down the MENU key until the -dEF appears on the display
2. Release the MENU key: the display will show ESC (press the MENU key only if you want to leave this menu)
3. - If the unit controls a door, press the UP key: the display shows AntE - If the unit controls another type of automation press the DOWN key: the display shows SCor
4. Press the MENU key: no will appear on the display.
5. Press the DOWN key: Si will appear on the display. 6. Press the MENU key: All of the parameters are returned to their default values and the display shows the control pane



## SELF-LEARNING OF WORKING TIMES

This menu allows the automatic learning of the times necessary to open and close the gate. The encoder positions are also saved, if enabled. Place the doors, or door, at half run and proceed with the following points:



NOTE: if the gate has only one door, the opening time of motor 2 must be set at 0 (t.AP2 = 0)

1. Press and hold down the MENU key until the -APP appears on the display
2. Release the MENU key: the display will show ESC (press the MENU key only if you want to leave this menu)
3. Press the DOWN key: t.LAv will appear on the display
4. Press the MENU key to start the self-learning cycle for the work cycle times. CAUTION: This procedure varies based on the number of gate panels and travel control devices installed (refer to the tables outlined on the following pages).

