

# User manual

## SMART SELECTOR WITH LCD



Read this instruction manual before use.

In this manual you will find all the necessary information for the correct use of the product.

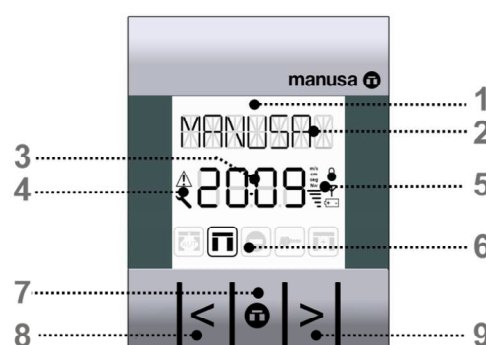
Keep this manual in a safe place for later referral.

### 0 - INDEX

1. DESCRIPTION
2. TECHNICAL FEATURES
3. COMPATIBILITY
4. SELECTION OF THE OPERATING MODE
5. MAIN FUNCTIONS
  - 5.1. KEYPAD BLOCK
  - 5.2. PIN CHANGE
  - 5.3. REDUCED OPENING
  - 5.4. PEOPLE COUNTER SENSOR
  - 5.5. TIME AND DATE MANAGEMENT
  - 5.6. LANGUAGE
  - 5.7. CONTRAST
6. USER MENU
  - 6.1. MENU NAVIGATION
  - 6.2. OPTIONS AVAILABLE IN MENU
7. SAFETY AND USE
8. MALFUNCTION ALERTS

### 1 - DESCRIPTION

Control device to be used exclusively with the Visio operator, which allows users to select the door's operating mode, modify operating parameters, view malfunctions and other data such as time and number of opening cycles. The selector comprises an LCD screen and three function buttons:



1. LCD display
2. Message viewing area to display the operating mode, setup menus, malfunction alerts, etc.
3. Numeric data area. You can view data such as the time, the number of opening cycles and the values of the operating parameters.
4. Malfunction alerts icon area
5. Additional symbols area. Displays the values of the operating parameters, and selector status.
6. Area of icons representing the door operating mode.
7. Confirmation button.
8. Right selection button.
9. Left selection button.

## 2 - TECHNICAL FEATURES

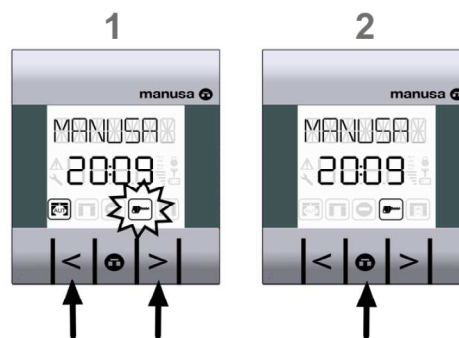
Power supply	12 V DC
Power consumption	6 mA
Operating temperature	0 to 50°C
Measurements:	100x75x26 mm
Maximum length of cables	50m

## 3 - COMPATIBILITY

The SMART selector is only compatible with the **manusa** VISIO operator.

## 4 - SELECTION OF THE DOOR OPERATING MODE

You can choose the door operating mode by pressing the left or right selection buttons. Area 6 of the selector will blink with the icon of the mode selected. Use the central confirmation button to accept the mode.



### OPEN MODE

The door will open and stay in that position. In this mode, the leaves can be moved manually.



### CLOSE MODE

In doors without auto lock, this operating mode closes the door and releases the leaves. In doors with auto lock, the leaves will close and will become blocked.



*Note: if the interior detector or pushbutton is activated during the closing cycle, the leaves will reopen and will then reattempt a new closing cycle until the leaves are fully closed.*

*\*Whenever required, the Technical Service may configure the door to delay the activation of the lock, to let the user reach the door and exit the premises before the leaves become blocked.*

### AUTOMATIC MODE

The door will complete a full open & closing cycle each time a detector (interior or exterior) is activated.



### EXIT ONLY MODE


The door will only open when the interior detector or push button is activated.

*\*Note: if the door has an automatic lock, the Leaves will remain blocked until they are in closed position.*



## 5 - MAIN FUNCTIONS

### 5.1 - KEYPAD BLOCK

To avoid undesired manipulations, you may block the selector keypad by simultaneously pressing the left and right buttons for 2 seconds. Zone 5 of the display will show a small lock sign .

In this mode, if any button is pressed, the message KEY BLOCK will show on the display.

To unblock the keypad, simultaneously press again the left and right buttons for 2 seconds. Then enter the pin code to unblock.

### 5.2 - PIN CHANGE

By default, the PIN is set to 1111. To modify it, access the PIN menu (refer to section 6).

### 5.3 - REDUCED OPENING

In Automatic and Exit Only mode, the door may be programmed to "Reduction opening" to reduce the opening width of the door when the this opens.

To activate this mode, select option ACTIV REDUCT OPEN in the ADJUSTMENTS menu.

### 5.4 - PEOPLE COUNTING SENSOR

Subject to model features, the Visio operator also has a people counting sensor. If you wish to view the count on the display, select menu SHOW, and then option PEOPLE.

If you wish to reset the people counting sensor to zero, you must select the option RESET NUM. PEOPLE on the menu COUNTING MECHANISMS (refer to section 6)

### 5.5 - DATE AND TIME MANAGEMENT

The SMART selector may show the current time in area 3 of the display.

To view the time, select option TIME from the menu SHOW. (refer to section 6)

To adjust the date and time, go to options DATE and TIME in the menu CLOCK.

### 5.6 - LANGUAGE

There are four languages available: Catalan, Spanish, English and French. To change the language, select option LANGUAGE from the menu ADJUSTMENTS.

### 5.7 - CONTRAST

To modify the contrast of the display, go to option CONTRAST in the menu ADJUSTMENTS (refer to section 6).

## 6 - USER MENU

### 6.1 - MENU NAVIGATION

- Enter the user menu:



Press the central button for 1 second.

- Navigate through the different submenus:



To navigate through the different menu options, press the left and right buttons. To change the values of the configurable options, press the left and right buttons of the selector.

- To validate selection and set-up changes:



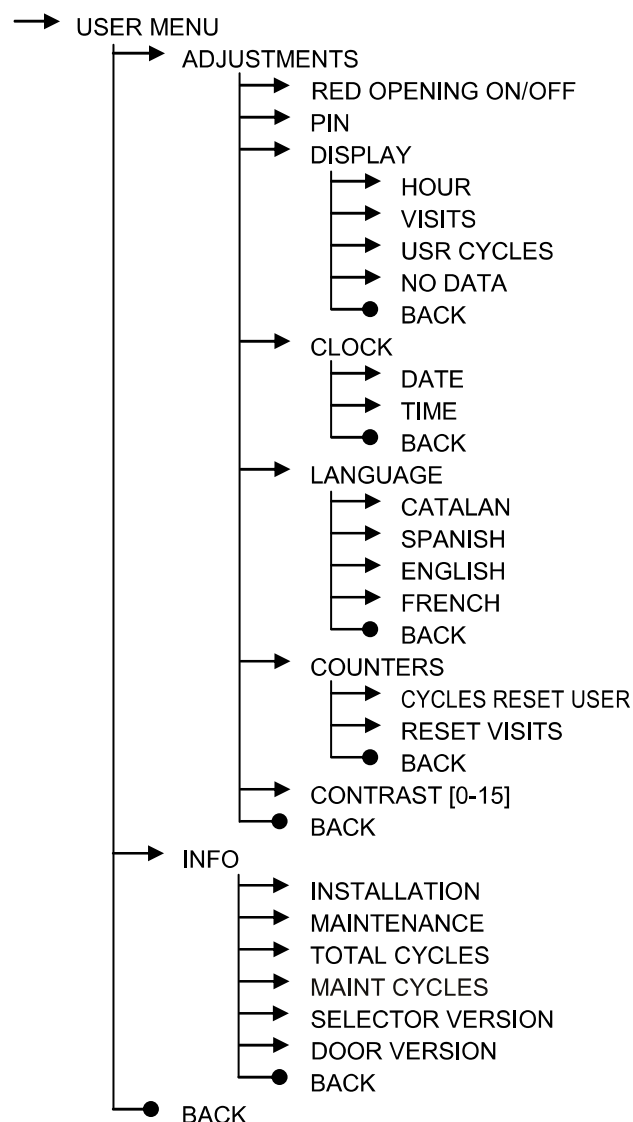
Press the central button to validate the set-up changes and to validate the selection of an option or submenu.

- To exit a menu or submenu:



Select the option EXIT and press the central button to exit the current menu or submenu and go to the main screen or the menu immediately above.

NAVIGATION MAP:



## 6.2 - OPTIONS AVAILABLE IN THE USER MENU

### REDUCED OPENING ON/OFF

This option enables / disables the reduced opening mode. To activate, select the option RED OPENING ON on the ADJUSTMENTS menu (the message in area 2 turns to RED OPENING OFF). To return to the adjustments menu, press the left or right buttons.

The opening width can be customised by an official service technician.

### PIN

This option allows the end user to change the Personal Identification Number. To program the code, select the PIN option. Once inside the menu, enter the current PIN code with the selection buttons and press the central button to confirm. Then enter and verify the new PIN following the same procedure. The message PIN MODIFIED will show on the display. To exit, press the central button.

### DISPLAY

Use this option to choose what will appear in area 3 of the screen: time, people counter, opening cycles or blank. To program this option, go to the desired option (for instance USR CYCLES) using the left or right button and confirm using the central button. To exit, go to EXIT and confirm.

### CLOCK

Use this option to change the current date and time. To adjust time and date, select the option DATE or TIME with the selection buttons, and confirm pressing the central button.

### LANGUAGE

You can choose the language display from four different languages: Catalan, Spanish, English and French. Select the language with the right or left buttons and confirm pressing the central button (the message On appears in area 3).

### COUNTERS

Use this menu to reset the people and cycle counters to zero.

To reset, select the desired counter (people or cycles) using the selection buttons (the current value of the counter will appear in area 3) and press the central button to reset the value to zero.

### CONTRAST

This option modifies the screen contrast. To modify the value, press the central button and change using the selection buttons.

The higher the number, the higher the contrast. To save the settings, press the central button. To exit, go to EXIT and confirm.

### INSTALLATION

Shows the installation date of the door.

### MAINTENANCE

Shows the date of the last technical service or intervention

### TOTAL CYCLES

Shows the total number of cycles since the installation date

### MAINT CYCLES

Shows the total number of cycles since the last technical service or intervention.

### SELECTOR VERSION

Shows the current software version of the SMART selector.

### DOOR VERSION

Shows the current software version of the door.

## 7 - SAFETY AND USE: PURPOSE OF USE AND USES TO BE AVOIDED

The SMART selector has been designed to select the operating mode of **manusa** automatic doors and to set up and adjust the different operating parameters and functions. The warnings on this selector will be complemented and extended with additional indications and warnings contained in the manual supplied with the automatic door, on which the selector is mounted.

Below we list some of the uses to be strictly avoided:

- Do not modify the selector or any of its components.
- Do not allow children to play with the selector.
- Do not disconnect, manipulate or put out of service the doors' safety components.
- Do not use any spare parts which are not the original parts provided by **manusa**.
- Do not use the selector as a support element for objects or persons
- Do not, under any circumstance, open and manipulate the inside of the selector or its connections, unless this is carried out by a **manusa** authorised service technician.

This list includes unintended uses which are reasonably foreseeable in connection with the use of this selector. However, **manusa** is not responsible for any possible accidents or damage caused by any other misuse not listed above.


## 8 - MALFUNCTIONS




Should the supervising program detect malfunctions in the operation of the door, the screen will show a code number accompanied by a malfunction icon:

Should a malfunction message appear on the display, in most cases, you may clear this malfunction code and resume normal operation by choosing the OPEN operating mode on the selector, followed by the AUTOMATIC mode.

Should the malfunction persist after performing this operation, please contact **manusa's** Technical Service.

MALFUNCTION 	POSSIBLE CAUSE	SOLUTION
<b>OVERCURRENT</b> <b>0001</b> Overcurrent in motor	a. Mains overcurrent b. Short circuit in motor or circuit.	Change to OPEN followed by AUTOMATIC mode to resume normal operation. If the problem persists, call the Technical Service.
<b>SOS</b> <b>0002</b> Emergency signal activated	a. Panic break-out leaves open. b. Emergency push button activated.	a. Check position of panic break-out leaves. b. Check the emergency push button.
<b>OBST CLOSING</b> <b>0003</b> Obstruction on closing	Obstruction within the closing cycle.	Check and remove any obstruction within the door closing cycle. Then resume by changing the door to OPEN followed by AUTOMATIC mode
<b>OUTSIDE KEY SWITCH</b> <b>0004</b> Outside key switch activated	The outside key switch has not been removed from the device.	Remove the key from the outside key switch device.
<b>DOOR PARAM MEM.</b> <b>0005</b> Parameters memory	Parameter memory is falling.	Call Technical Service.
<b>OBST. OPENING</b> <b>0006</b> Obstruction on opening	Obstruction within the opening cycle.	Check and remove any obstruction within the door opening cycle. Then resume by changing the door to OPEN followed by AUTOMATIC mode
<b>PHOTOCELL</b> <b>0008</b> IR barriers	The IR barriers are blocked for a period > 1'.	Check the alignment of the IR barriers.
<b>FIRE ALARM</b> <b>0009</b> Infrared barriers	Fire alarm signal activated.	Check fire alarm system.
<b>LOW BATTERY</b> <b>0011</b> Panic door system	a. Low battery. b. Low mains voltage.	If the door was disconnected, leave the door connected during 24 hours to charge the batteries. If the warning persists, call the Technical Service.

MALFUNCTION 	POSSIBLE CAUSE	SOLUTION
<b>INSIDE RADAR</b> <b>0012</b> Malfunction in internal radar	Radar contact permanently closed for a period of > 1'.	Call Technical Service.
<b>OUTSIDE RADAR</b> <b>0013</b> Malfunction in external radar	Radar contact permanently closed for a period of > 1'.	Call Technical Service.
<b>PHOTOCELL 3</b> <b>0014</b> IR Barrier 3	The third IR barrier is blocked.	Call Technical Service.
<b>MOTOR CONTROL</b> <b>0015</b> Malfunction in the motor control	Malfunction in the control board.	Change to OPEN followed by AUTOMATIC mode to resume normal operation. If the problem persists, call the Technical Service.
<b>SAFETY SENSOR</b> <b>0016</b> Malfunction on side sensors	Safety opening signal activated.	Verify that there is no object within the sensor detection area.
<b>The LCD screen does not light up</b>	The selector has no power.	Check door power supply.
<b>LOADING DATA</b> ----- Communication fault occurs when the following message appears on screen: "loading data"	No communication with the operator.	Call Technical Service.