

SYNERGY Flex

Automatic Sliding Door

FBO - Full Break Out

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IMPORTANT NOTES



READ THIS SECTION BEFORE PROCEEDING WITH INSTALLATION

PORTALP USA, Inc. recommends that all of its automated pedestrian door products be installed by a trained automatic door technician and that the resulting performance of the product be in full compliance with the most current version of the American National Standards Institute document A156.10 or A156.38 (whichever is applicable) as well as any applicable building codes. PORTALP further recommends that a full inspection of the operating system be performed in accordance with the guidelines of the American Association of Automatic Door manufacturers (AAADM). This inspection must be performed by a certified AAADM trained inspector. PORTALP recommends this documented inspection be performed upon completion of the installation as well as, following the completion of every service call thereafter. If service is not performed within one year of the previous service action, a routine AAADM inspection should be performed and documented. Under no circumstance should the product operate for more than one year without an AAADM inspection. PORTALP does NOT recommend installation or service, on any of their automated pedestrian door products, by any individual who is not certified as an AAADM inspector.

Following the installation or service of any PORTALP automated pedestrian door product, if it is deemed unsafe, or is operating in an unsatisfactory manner according to national performance standards or recommended performance guidelines as defined by PORTALP, repairs should be made immediately. If an immediate repair cannot be made, the product should be disabled, and appropriate measures should be taken to secure the door in a safe position or to enable the door to safely be used manually. During this situation, every effort should be made to notify the owner (or person responsible) of the condition and to advise on corrective actions that must be taken to return the product to safe operation.

RECOMMENDATIONS NOTES




RECOMMENDATIONS FOR THE INSTALLATION OF AUTOMATIC DOORS

MOVEMENT OR PROTECTION OF DANGEROUS POINTS

Pedestrian automatic doors must be designed and installed to avoid hazards due to crushing, shearing, and drawing-in during the opening and closing, for example:

- safety distances
- limitation of forces applied to the panel
- monitored detection devices
- guards

These safety measures may be combined.

 Refer to the standards and texts that apply in your country.

WARNING

Important safety instructions. Follow all the instructions as improper installation may cause serious injury.

Maintenance and repair work on the door must be carried out by a company and installers who are approved by PORTALP.

DOOR MONITORING

Personnel must be trained in how to use the automatic doors to:

- Inform parents and their children of the hazards caused by moving doors and make sure that children are not exposed to unnecessary risks;
- Help and advise elderly and disabled people;
- Carry out the appropriate behavior if an emergency occurs.

UL325: WARNINGS

The contact which activates the door must be installed so that the person who activates it has a clear view over the door.

For a pedestrian door whose glazing was not installed in the factory, the glazing used must meet the following requirements.

The glazing for the fixed and sliding panels of all the doors and the panels which are not housed in swing doors must conform to the requirements in the "Performance Specifications and Methods of Test for Transparent Safety Glazing Materials Used in Buildings", ANSI Z97.1.

The glazing for other types of doors must also conform to the ANSI Z97.1 standard, except for panels with a glazing surface of less than 1 ft² (0.9 m²) and which have no dimensions over 18 in (457 mm) where a single or heavier glazing may be used.

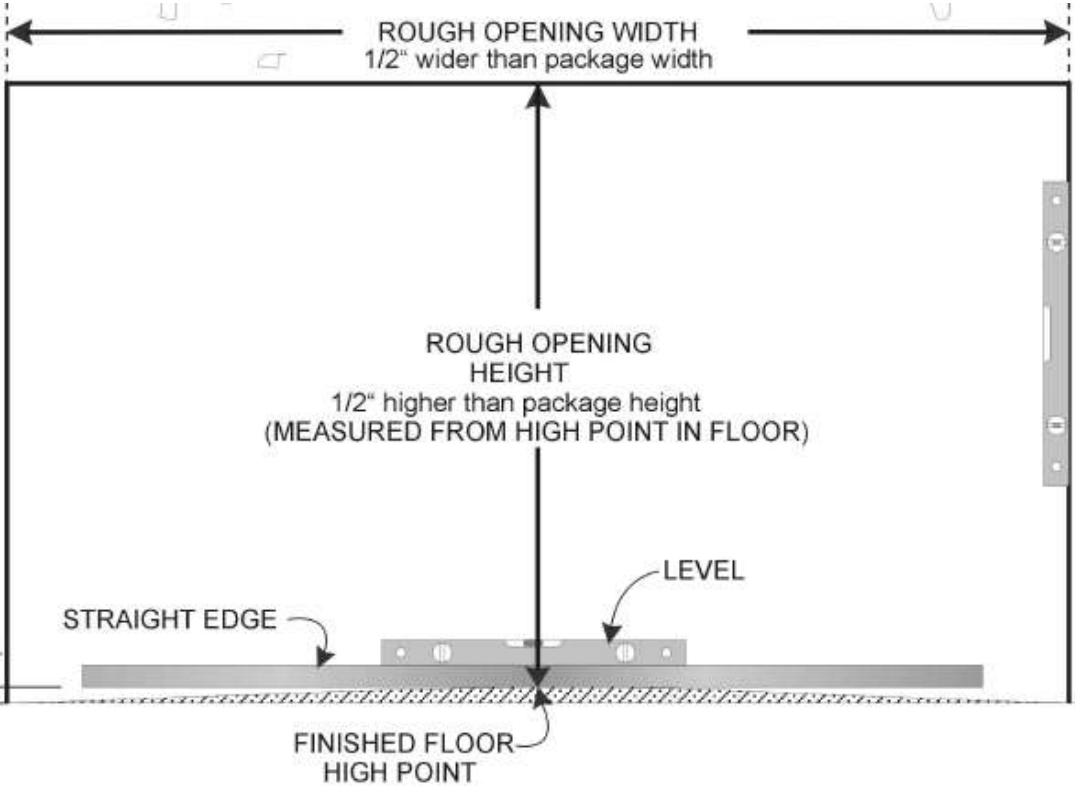
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CHECK THE ROUGH OPENING

Check the size of the rough opening: take measurements at several points.



PIVOT BLOCKS INSTALLATION

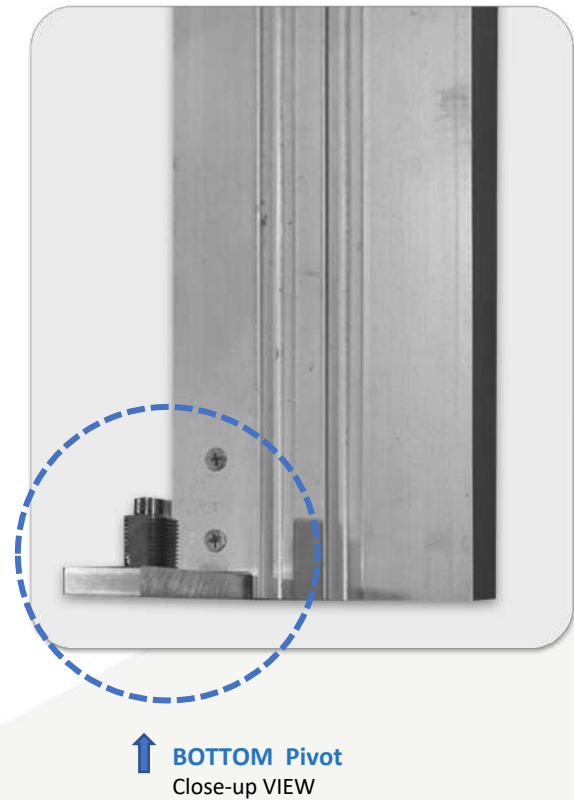
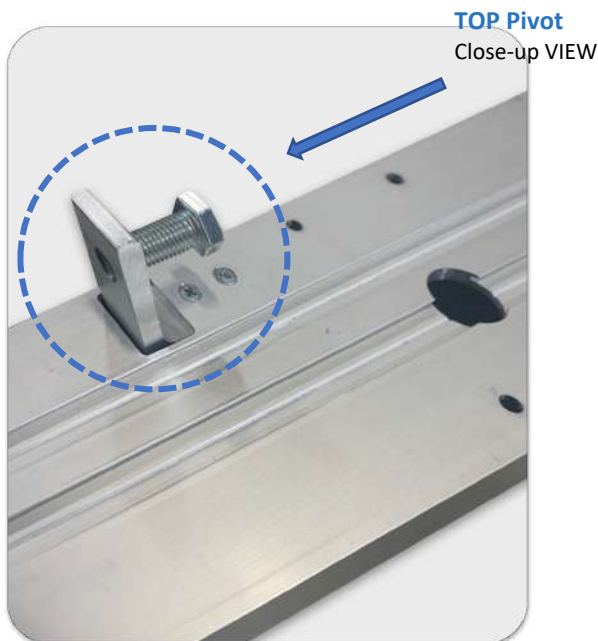


- Attach any sidelite bottom pivot blocks (floor portion) to the bottom of the jamb tube.

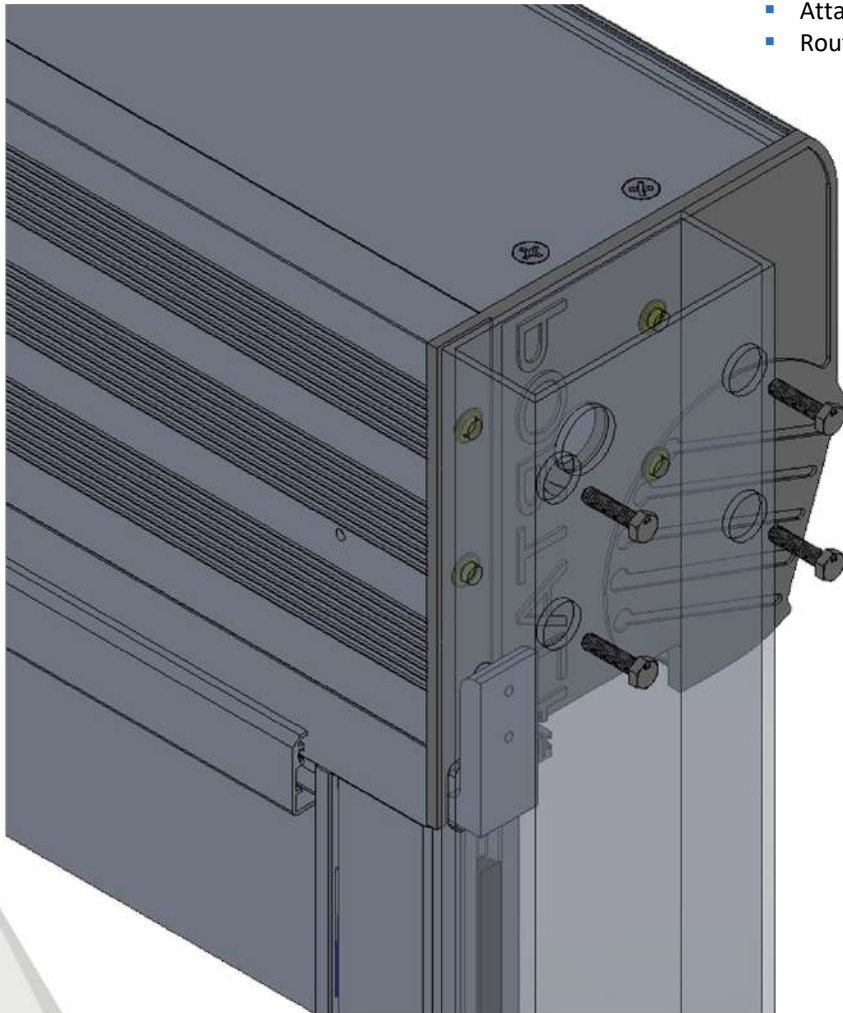
Pre-install the **Pivot Blocks** on each jamb prior to installation of jambs to the header.

If Single Slide (2) Pivot Blocks.

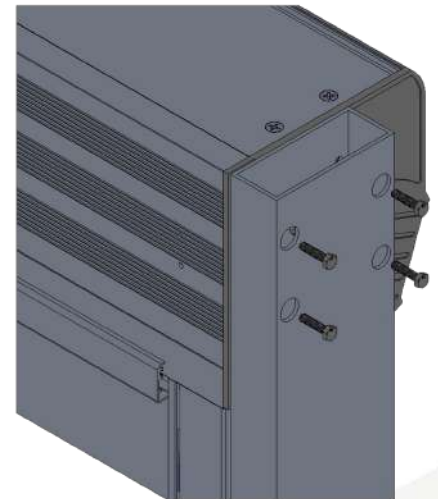
If Bi-part (4) Pivot Blocks.



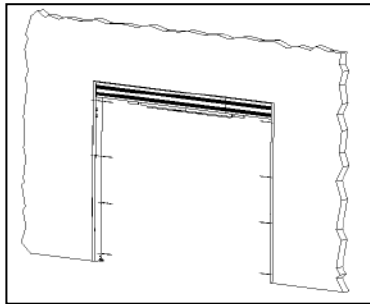
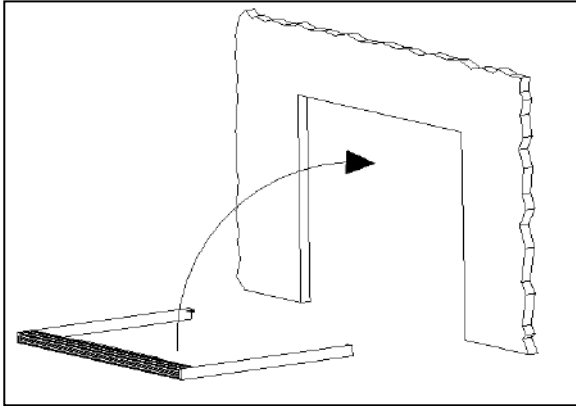
ATTACH THE DOOR FRAME TO THE HEADER



- Attach the jamb tubes to the header using the hardware provided.
- Route all switch wiring through the jamb and into the header.



INSTALL THE FRAME INTO THE WALL OPENING



- Stand the frame up and walk it into the rough opening.
- **CAUTION** - two or more people may be required to safely lift the assembly. The assembled frame will be top heavy.
- The configuration will determine how to position the frame in the opening.
- Regardless of recessed track application, or surface (floor) mount applications, the jambs should rest on the finished floor.
- Use a level to ensure the jambs are plumb and level. Use shims as necessary.
- Once positioned correctly, install the mounting screws through the previously drilled holes.
- If more than 4 screws are required, drill and secure as necessary (typically use 1 screw every 16" to 20").
- After installation of the jambs and frame, check the entire package to ensure it is plumb and level. Correct as necessary with plastic shims.



INSTALL SLIDING PANELS

STEP 1

- Set door on **BOTTOM** pivot.
- Feed through beam wires through hole on top pivot bolt.
- Screw **TOP** Pivot bolt into **TOP** Pivot block.



STEP 2

- Snap **BOTTOM** Case into header.



STEP 3

- Affix Bottom Case with 4 ¼ - 14 self drilling screws to provided pilot holes.



STEP 4

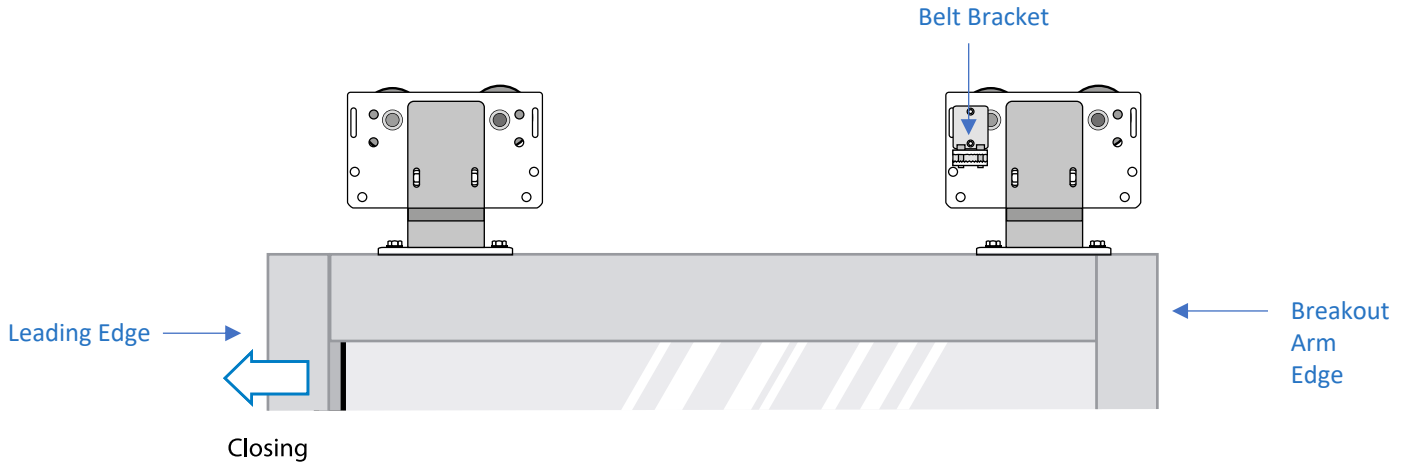
- Snap on **BOTTOM** Case Cover.



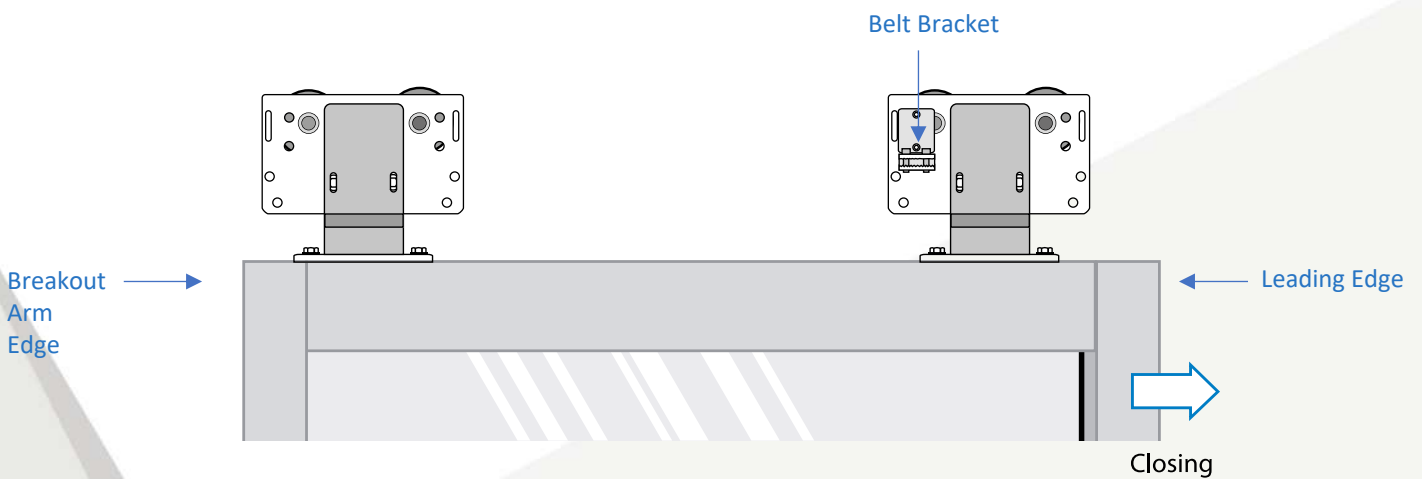


INSTALL SLIDING PANELS

1 DOOR PANEL - Closing to the LEFT



1 DOOR PANEL - Closing to the RIGHT

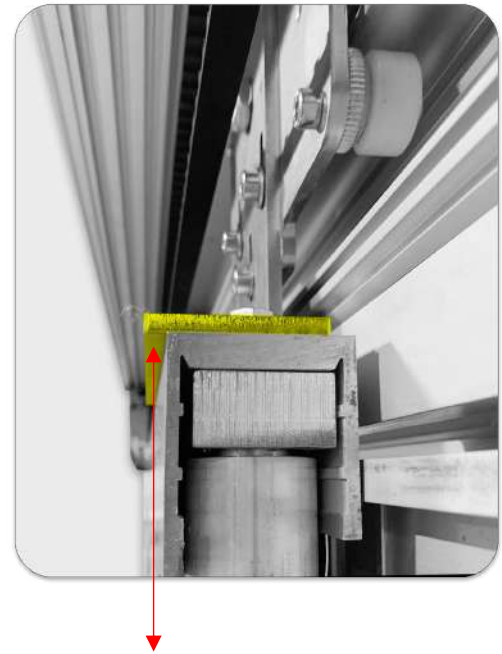




INSTALL SLIDING PANELS

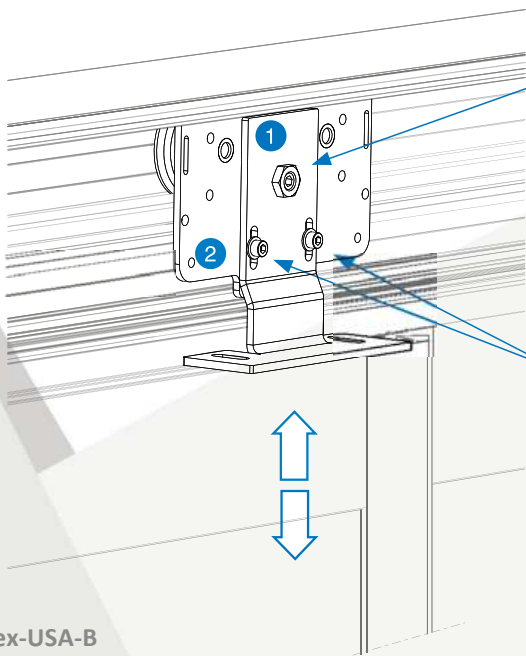
Positioning the sliding panels

A Position the panels on the running rail.



1/4" overhang on the carriage to the panel.
Adjust as needed for proper interlock and travel.

B Panel vertical position adjustment.



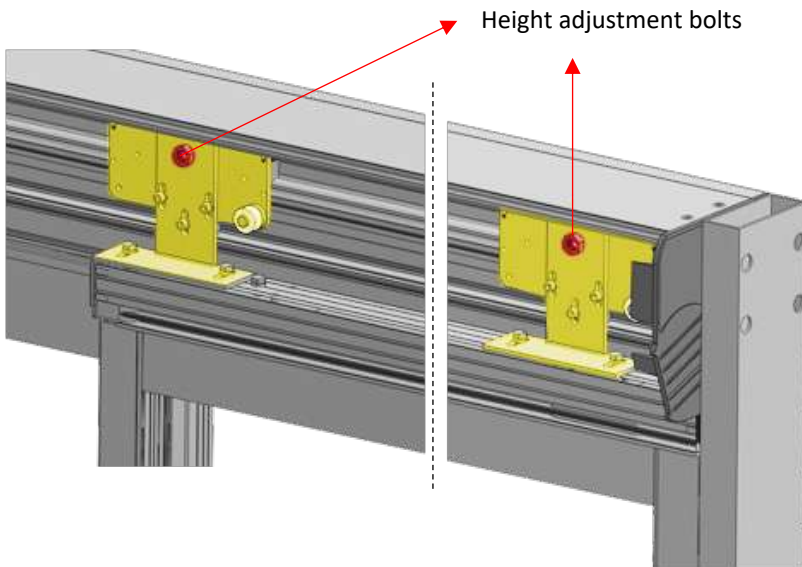
Screw adjustment height $\pm 10\text{mm} / 3/8"$
and locking nut.

Locking screw.

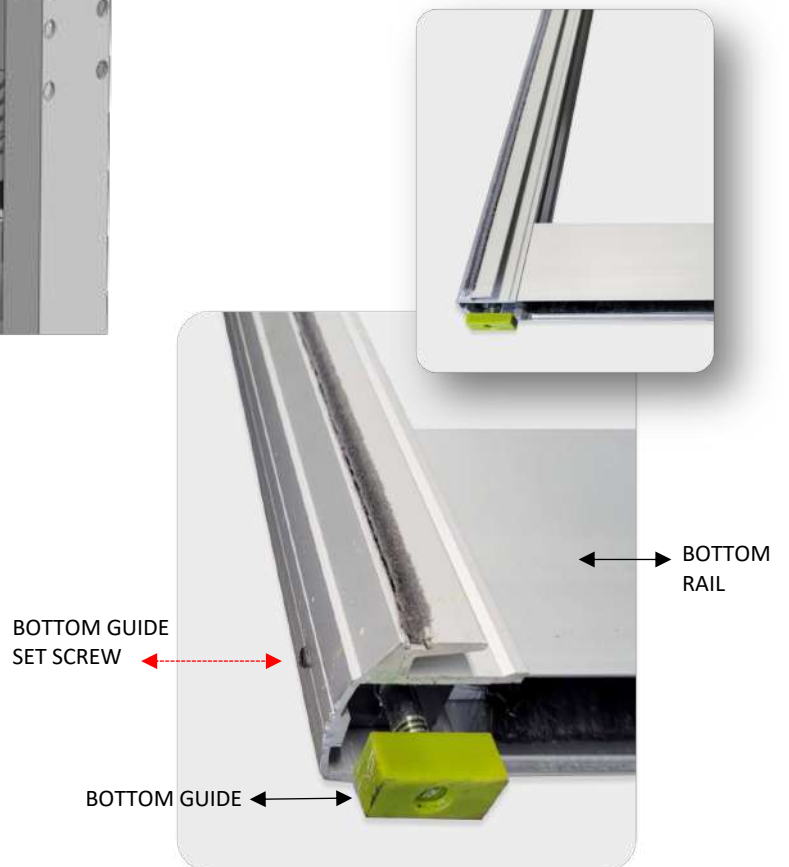


INSTALL SLIDING PANELS

- Door panel height is preset at the factory. However, if a slight adjustment in height is required, perform the following:
 - The leading edge of the door panels may be raised or lowered using the adjustment bolts on the carriage.
 - When adjusted, it will raise or lower to obtain alignment.
 - Loosen the Adjuster Mount Bolt.
 - Rotate the Adjustment Nut until the proper height is obtained.
 - Check the alignment of the lock with the strike hole in the jamb (single slide) or opposing panel (bi-part).
 - Re-tighten the Adjuster Mount Bolt.



- Upon installation of sliding panels, insert the bottom guide into the track.
- Adjust the bottom guide so the bottom of slide block is approximately 1/8" above the surface of the track. Install / tighten the set screw that goes into the heel of the door to secure the bottom guide at a fixed height. (the set screw is included in the **hardware pack** provided).
- Ensure door slides freely when completed.

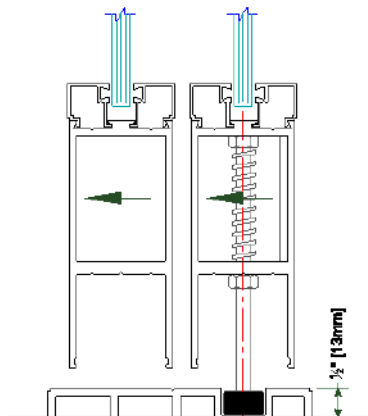




INSTALL THRESHOLD & TRACKS

- There are 2 different types of mounting configurations for the SYNERGY sliding door package.

1

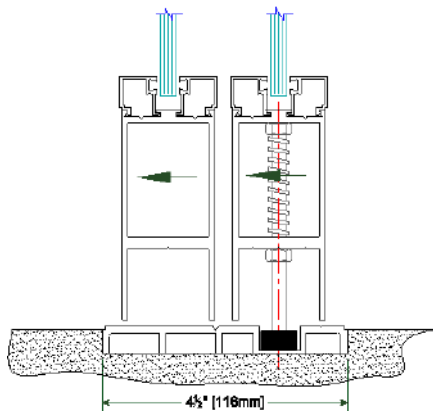


Full Breakout

- ✓ Full Breakout (FBO) - Surface Track:

- In this configuration, the entire door package is mounted on the surface of the finished floor. It is recommended to use a ramped threshold on each side of the track.

2



Recessed Track

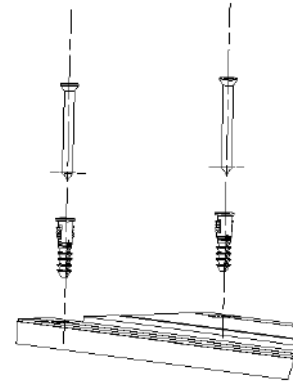
- ✓ Full Breakout (FBO) - Recessed Track:

- In this configuration, the bottom tracks are set within a recess in the floor. The recess must be a 1/2" deep and must be level from one end to the other. The jambs will be recessed as well.

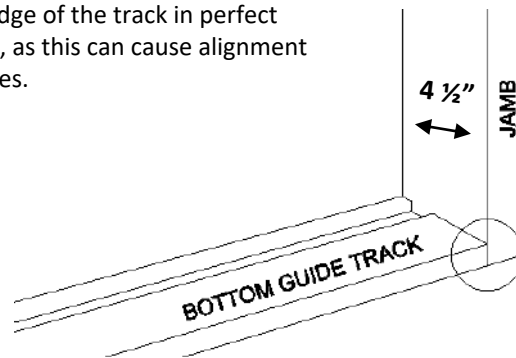
INSTALL THRESHOLD & TRACKS



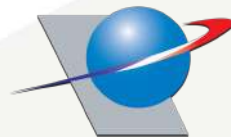
- Position the bottom tracks per the door configuration.
- Helpful Note: Snap a chalk line from jamb to jamb to ensure proper positioning.
- Secure the tracks to the floor as necessary. Use only countersunk screws and ensure no screw heads are sticking up above the track surface after installation.
- Recessed tracks should be set into a 1/2" deep recess.



- **NOTE:** 4 1/2" jamb guide tracks must have the edge of the track in perfect alignment with the 1 3/4" face of the jamb tube, as this can cause alignment problems when installing full breakout packages.



CUSTOMER SUPPORT



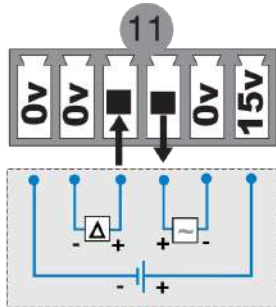
SYNERGY FBO

FOR MORE INFORMATION PLEASE CONTACT:

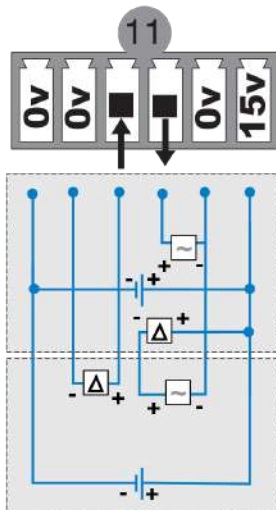
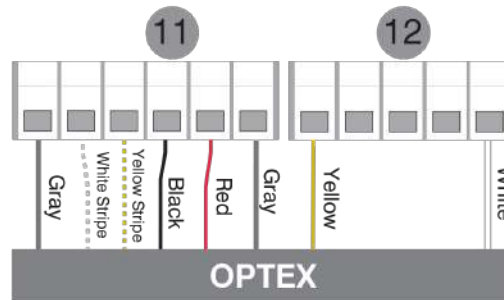
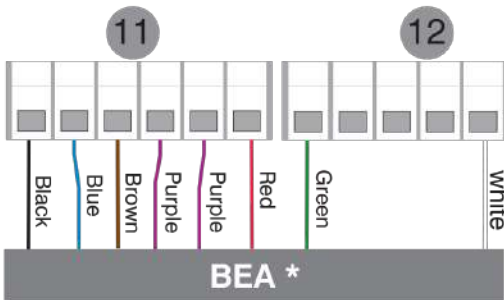
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E-mail: sales@portalp.com

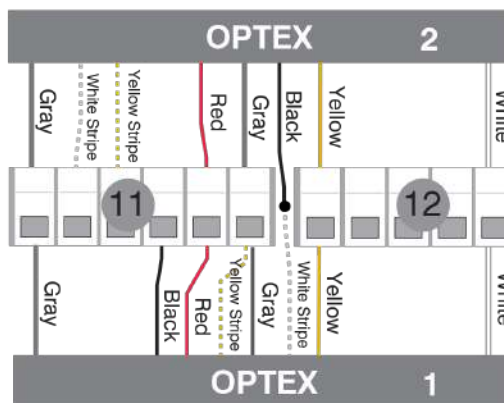
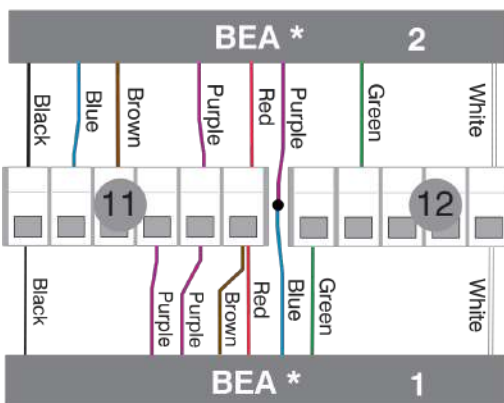
APPENDIX - CABLING BEA OR OPTEX



| Settings | Adjustments |
|----------|-------------|
| 10.026 | 70/71/72 |
| 10.027 | 04 |
| 10.010 | 01/02 |
| 10.011 | 01/02/03 |



| Settings | Adjustments |
|----------|-------------|
| 10.026 | 70/71/72 |
| 10.027 | 04 |
| 10.010 | 01/02 |
| 10.011 | 01/02/03 |
| 10.014 | 01/02 |
| 10.015 | 01/02/03 |

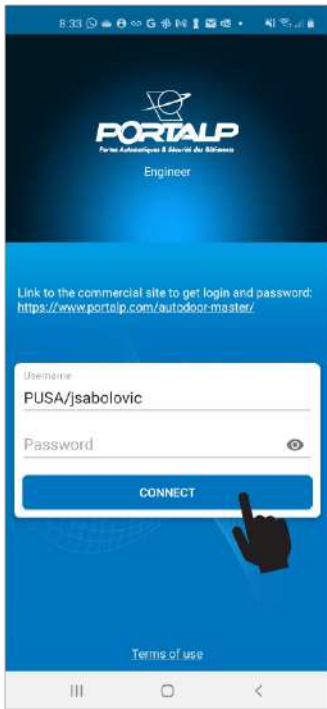


* Yellow/black and white/black not used

APPENDIX - AUTODOOR MASTER SETUP

Autodoor Master Setup

1 Open Autodoor MASTER application and sign in using provided license information.

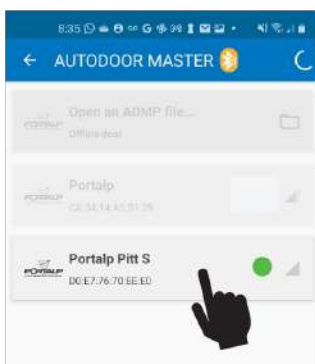


2 Press Bluetooth pairing button on door controller.

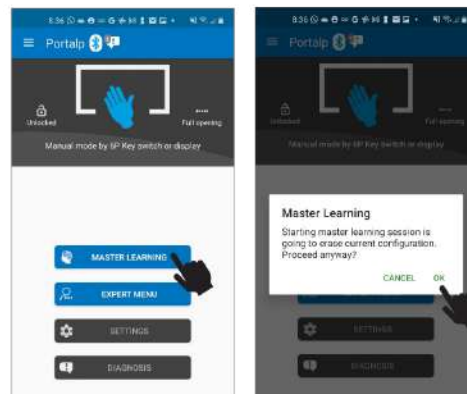
3 Select "SCAN DOORS".



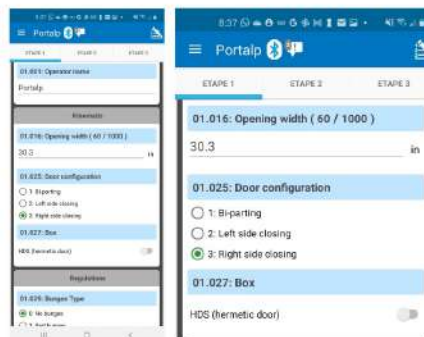
4 Choose door to be paired. A green dot will appear next to the name of the door ready for pairing.



5 Select "MASTER LEARNING" and press OK to begin door initialization process.

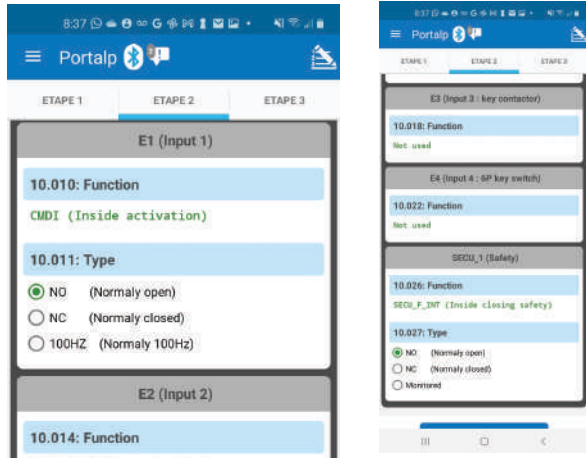


7 Select "MASTER LEARNING" and press OK to begin door initialization process.

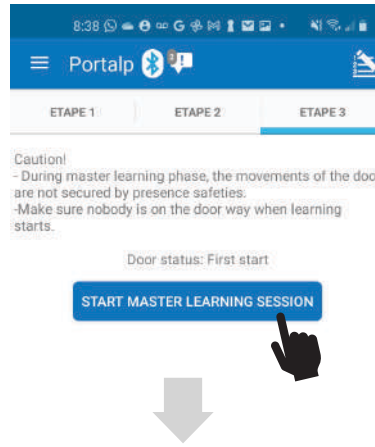


APPENDIX - AUTODOOR MASTER SETUP

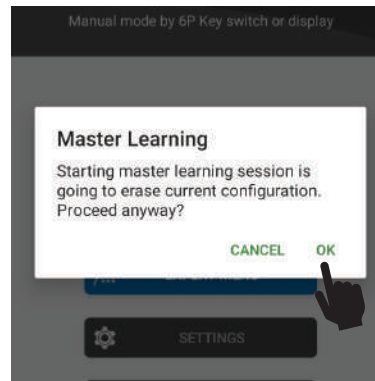
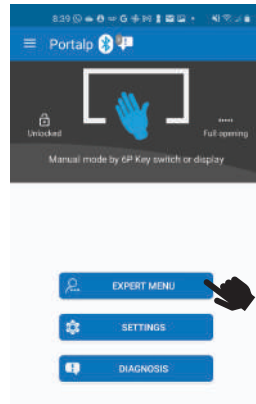
7 Verify proper activation and safety inputs



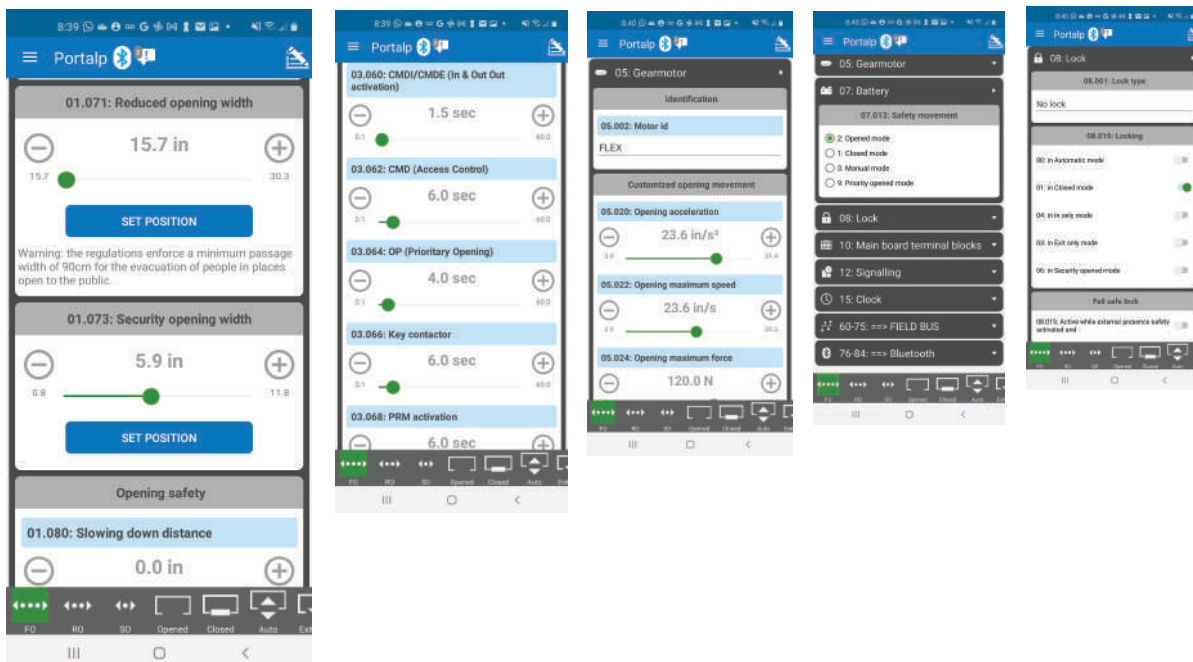
8 Select "START MASTER LEARNING SESSION"



9 Select "EXPERT MENU"



10 Adjust operating speed, force, battery, and locking parameters accordingly



APPENDIX - OVERVIEW OF CONTROLS AND PERIPHERALS



The control devices allow you to interact with the door:

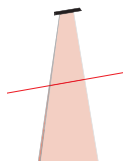
- to trigger opening and closing movements.
- to dialogue with the control program and the different operating modes.
- to modify the possible settings.

A QUICK PRESENTATION OF THE PERIPHERALS



Sensor Radar

The **movement sensor** opens the door without a voluntary intervention.



Presence sensors that protect the door's opening and closing.



AUTODOOR PILOT application for IOS and Android.

Allows the user to control and manage the automatic door. There are several types of interfaces depending on users' needs:



6-position key switch

Used to choose the door's essential modes.



- **KEY USER:** accesses all interfaces, adds, deletes users, modifies user settings, accesses counters, histories, etc

- **USER SELECTOR:** changes the operating modes.



S remote control

Access all the functions by pointing to the Naviblu Can.



- **USER KEY:** Allows you to lock and unlock the door.



Naviblu Can

An interface used to inspect and display the door's settings.



- **USER OP:** Activates priority opening.



- **USER CMD:** activates the external command input.

APPENDIX - PRESENTATIONS OF OPERATIONS



The main operating modes

During normal operations, the current mode is displayed on the graphic display screen.



Automatic Mode:
Entrances and exits are allowed.



Free Mode:
No automatic functions.
The leaves can be moved manually.



Exit Mode:
Exits allowed: the interior radar opens the door.



Open Mode:
The door stays in the open position.



Entrance Mode:
Entrances allowed: the exterior radar opens the door.



Closed Mode:
The door closes and locks* if it is equipped with a lock.
A long beep confirms it is locked.



The door closes and then locks*.

If these functions were not deactivated:

- A long, low-pitched beep confirms the switch to closed mode.
- A long, high-pitched beep confirms it is locked.

* Requires lock configured to lock the door in Closed Mode.

Passage width



You cannot switch to Guard mode from Override Closed Mode.

Guard Mode:

Secure guard opening will open from 2 to 15 cm (.78" to 5.9") to allow only objects to pass through.

Passage width:

◀○○○▶ Maximum opening width (wide opening)

◀○○▶ Small opening



Closed Guard Mode
This mode can be activated from Closed Mode



Open Guard Mode
This mode can be activated from Closed Guard Mode

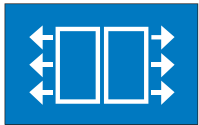


Priority Guard Opening:
This mode can be activated from Closed Mode only.

APPENDIX - PRESENTATIONS OF OPERATIONS



Specific operating modes



Priority Opening Mode (OP):

① Regardless of the current mode (except free), a Priority Opening (OP) Request opens the door wide.



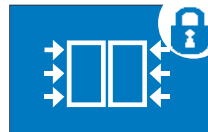
Free Mode by Manual Un-locking:

① Free Mode was activated by manual unlocking.



Priority Closing Mode (FP):

① Less of a priority than OP. Closes the door even if the closing safety is active.



Priority Closing Mode by Ma-nual Lock:

① Priority Closing Mode was acti-vated by manual locking.



Breakout Free Mode:

① This mode was activated by using the Full Breakout system (FBO).

Operating modes on battery

If mains power goes out, the door automatically switches to the preset battery mode.



Battery Closed Mode:

The door switches to Closed Mode.



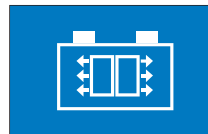
Battery Open Mode:

The door switches to Open Mode.



Battery Free Mode:

The door switches to Free Mode.



Battery Priority Opening Mode:

The door switches to Priority Opening Mode, even if Closed Mode was active.

Other displays

Other displays may be shown in addition to the current mode.



Override Mode:

① A contact forces the operating mode.



Door locked:

① The indicator shows that the door is really locked.

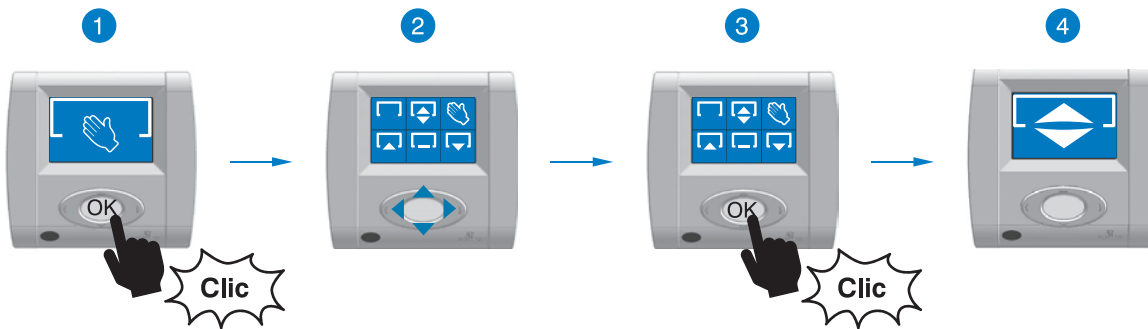
APPENDIX - NAVIBLU FIRST USE



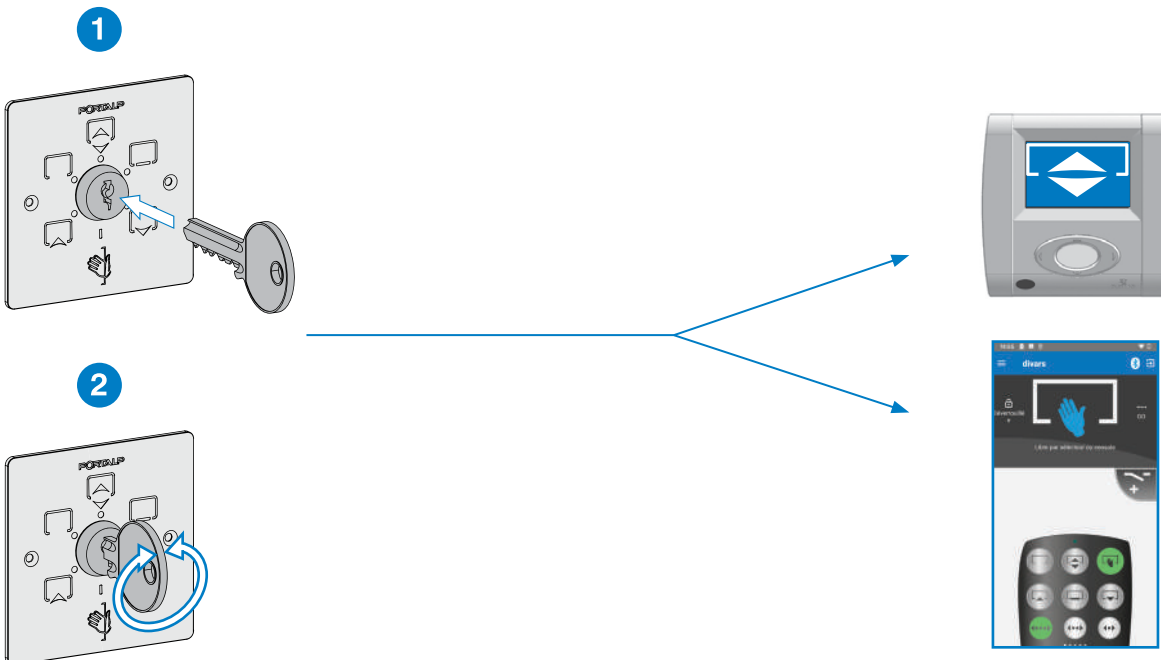
How to change mode with Naviblu Can



Browsing button
 - Menu navigation
 - Confirmation **OK**



How to change mode with key selector



APPENDIX - QUICK USE



How to close and lock the door



How to open and unlock the door

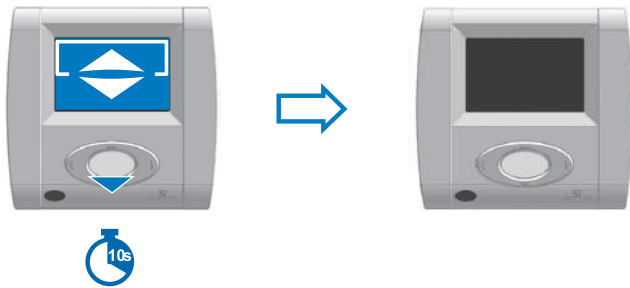


APPENDIX - QUICK USE

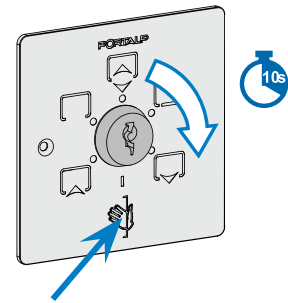


How to reset

FROM THE NAVIBLU-CAN



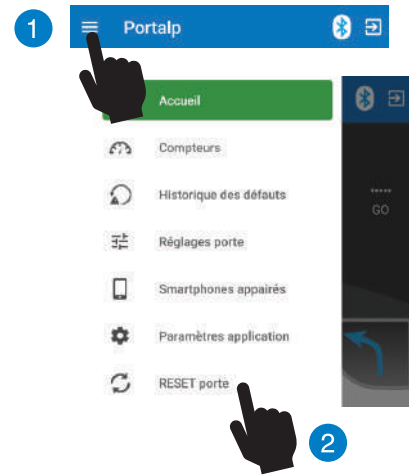
FROM THE 6-POSITION KEY SWITCH (OPTION)



FROM THE REMOTE CONTROL



FROM AUTODOOR PILOT

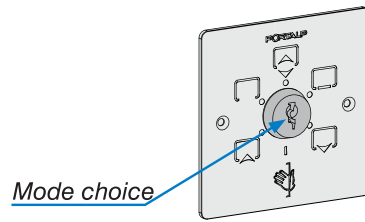


APPENDIX - USING CONTROLS | 6-position key switch



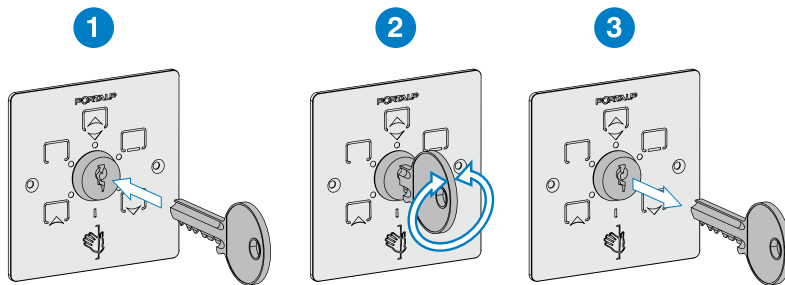
Presentation

The key switch allows you to choose the door's operating mode using a mechanical key.



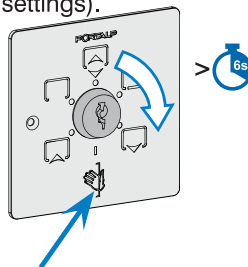
Controls from the switch

CHANGING MODE



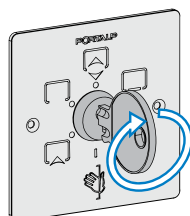
RESETTING THE DOOR

Hold the key in the 'Free' position for more than 6 seconds, and the door will switch to Reset. This works only if the option is active (installer settings).



AWAKENING THE DOOR

The door goes into standby when it loses mains power for more than two minutes. Wake up is impossible if the battery's charge is too low. The door will automatically wake up again when mains power returns. Manual awakening:



APPENDIX - REMOTE CONTROL



Presentation



First register the remote control in the Naviblu-CAN to use it.

The Simplified Remote Control is used to access all your door's functions. The infrared receiver is located on the Naviblu CAN.



- Battery level LED indicator
- Adjustment access Diagnostic (2 sec.)
- Reset
- Viewing Access/ Guard Mode (2 sec.)
- Auxiliary control

Controls from the S remote control

BATTERY LEVEL INDICATOR

If the LED flashes while the keys are being pressed, the batteries must be changed.

USUAL OPERATING MODES

Select the desired mode or passage width by pressing the corresponding key. see Operating Modes section.

RESETTING THE DOOR



AUXILIARY

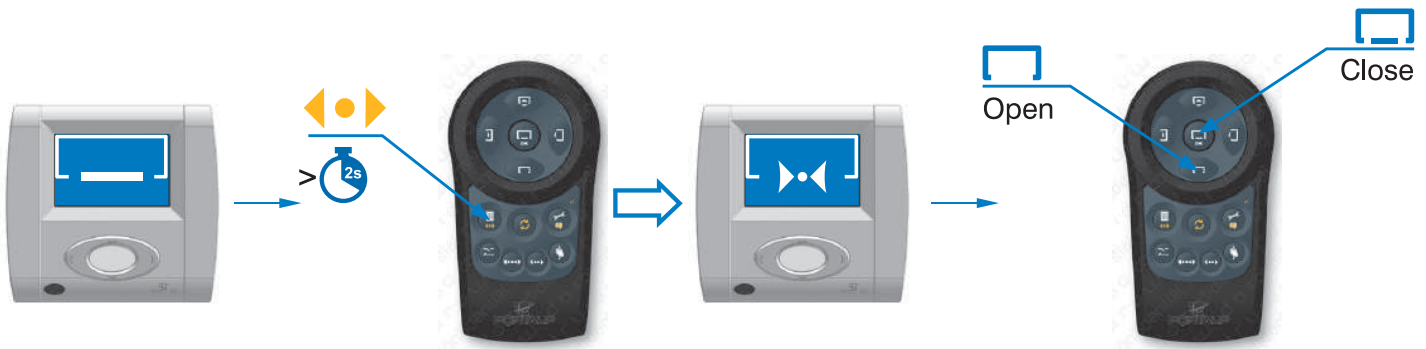
Depending on the installation, activates an electrical device with the remote.
A u x

APPENDIX - REMOTE CONTROL

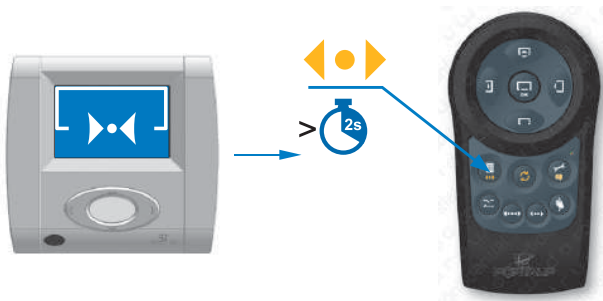


GUARD MODE


Activation of Guard mode




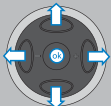
Returning to the initial opening width





ACCESSING THE NAVIBLU CAN CONFIGURATION*/CONSULTATION MENUS

 A quick press*: access the configuration menu.
Press a second time to exit the menu.

 A quick press*: access the consultation menu.
Press a second time to exit the menu.

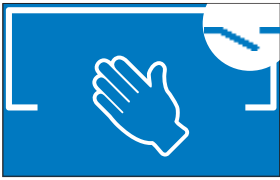
 The upper part of the remote control changes into a joystick.

* Access to the settings requires a security code, see chapter: "5.3.5 Code management", page U30. The keys  and  then OK are used to change the values when inputting the security code or changing values in the configuration menus.

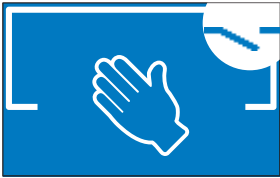
APPENDIX - Red manual trigger for *FIRE-RATED DOORS*



SMARTPHONE OR NAVIBLU DISPLAY



Trigger active:
Reset the trigger to get a normal behavior back.



Trigger inactive:
The door counterweight is no longer functional, contact maintenance service.



MFL_API Mode active:
The Fire Safety System (FSS) is active or has been activated.

APPENDIX - SMARTPHONE APPLICATION (SA)



Presentation of the UTODOOR PILOT application

The application is free and available on Android (from version 4.3) or IOS (from version 9). The application uses Bluetooth Low Energy to communicate with the automatic door.

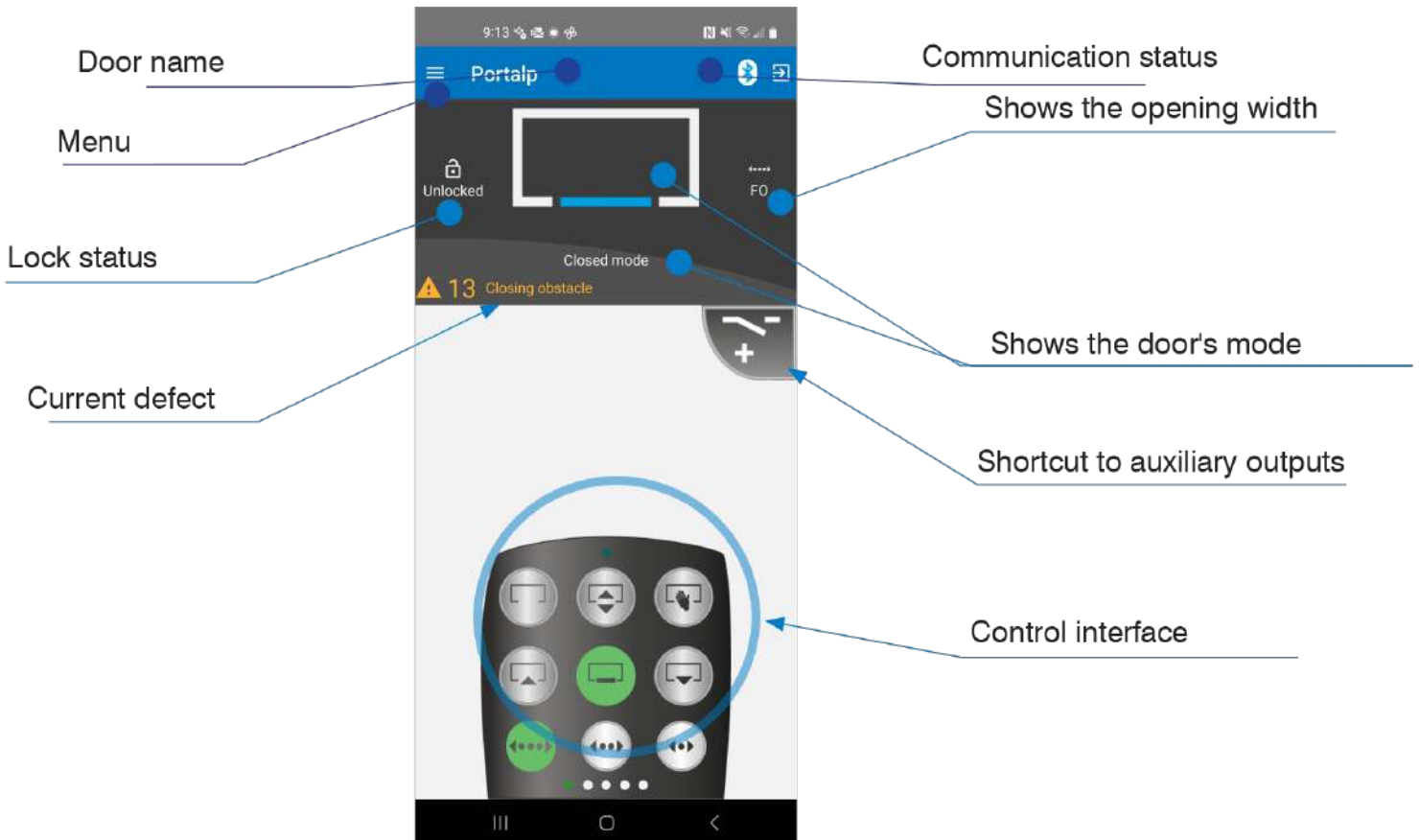
Here are the application's different interfaces:

| Type of user | KEY USER | USER KEY SWITCH | USER OP | USER KEY | USER CMDI |
|-----------------|---|--|---|--|---|
| Interfaces | | | | | |
| Functions IHM | <ul style="list-style-type: none"> - Key Switch: modes, opening width - Key - Priority Opening - Opening Control - Auxiliary output and shutters control | <ul style="list-style-type: none"> - Key Switch: modes, opening width - Key - Auxiliary output and shutters control | <ul style="list-style-type: none"> - Priority Opening - Auxiliary output and shutters control | <ul style="list-style-type: none"> - Key - Auxiliary output and shutters control | <ul style="list-style-type: none"> - Opening Control |
| Pairing | <ul style="list-style-type: none"> - by pairing key with QR Code - by smartphone | <ul style="list-style-type: none"> - by smartphone | <ul style="list-style-type: none"> - by smartphone | <ul style="list-style-type: none"> - by smartphone | <ul style="list-style-type: none"> - by smartphone |
| Other functions | <ul style="list-style-type: none"> - autoconnection - reset - manage smartphones - generate keys - read counters - SOS After-Sales | <ul style="list-style-type: none"> - autoconnection - reset | <ul style="list-style-type: none"> - autoconnection | <ul style="list-style-type: none"> - autoconnection | <ul style="list-style-type: none"> - autoconnection |

APPENDIX - SMARTPHONE APPLICATION (SA)



Presentations of HMIs



APPENDIX - SA | Interfaces

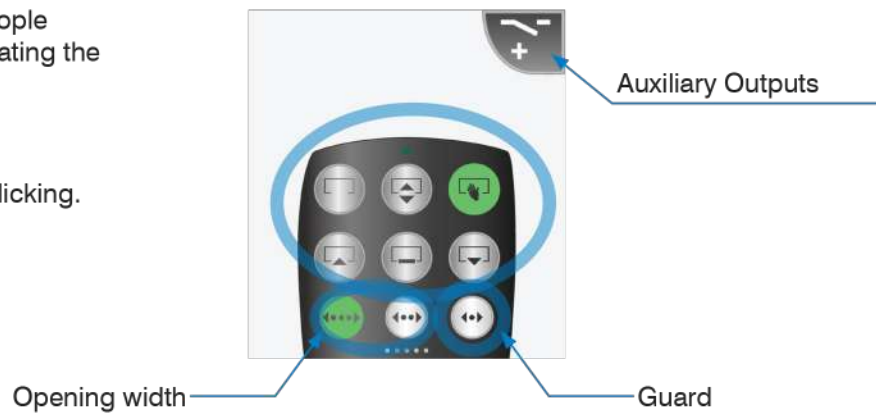


Key switch

MODE SWITCH

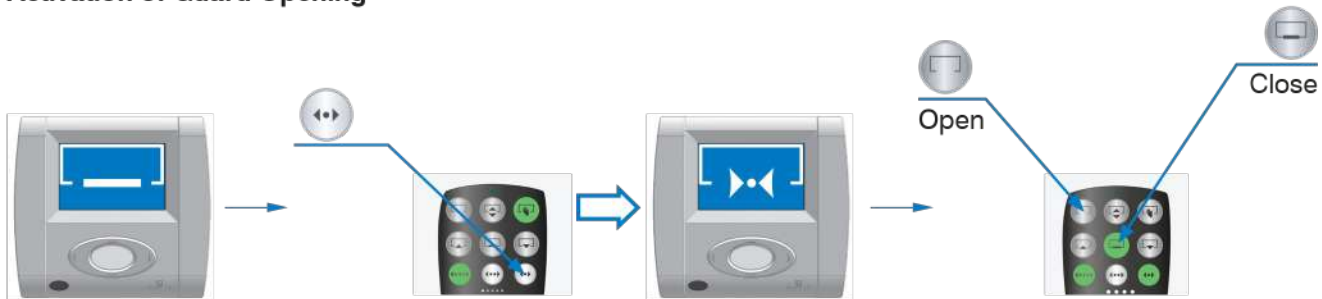
This interface is intended for the people responsible for managing and operating the automatic door.

Select mode or passage width by clicking.

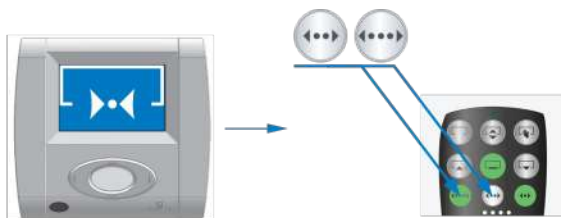


GUARD MODE

Activation of Guard Opening



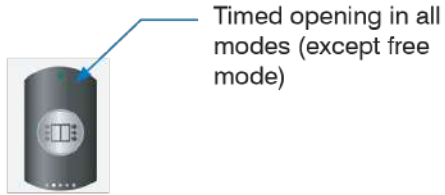
Returning to the initial opening width



APPENDIX - SA | Interfaces

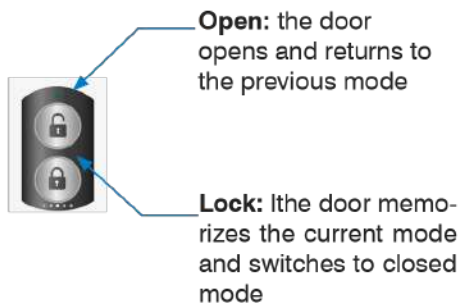


Priority opening

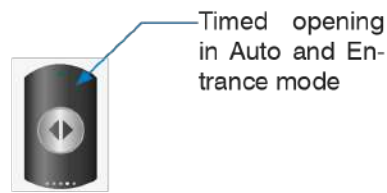


The interface is intended for people who can always access the building and who do want to be responsible for managing the door modes.

Key

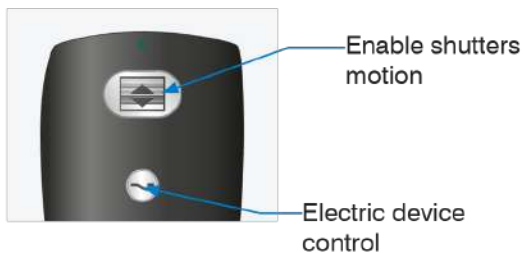


This interface is used to manage Closed mode easily. The interface is intended for people who can simply manage the door's closed mode.



The interface is intended for people who have limited access to the building.

Auxiliary output controls



If the option has been connected and programmed by your installer, you can activate an electric device and/or motorized shutters from your smartphone.

Enabling shutters motion allows to open or close them with the buttons on the door.

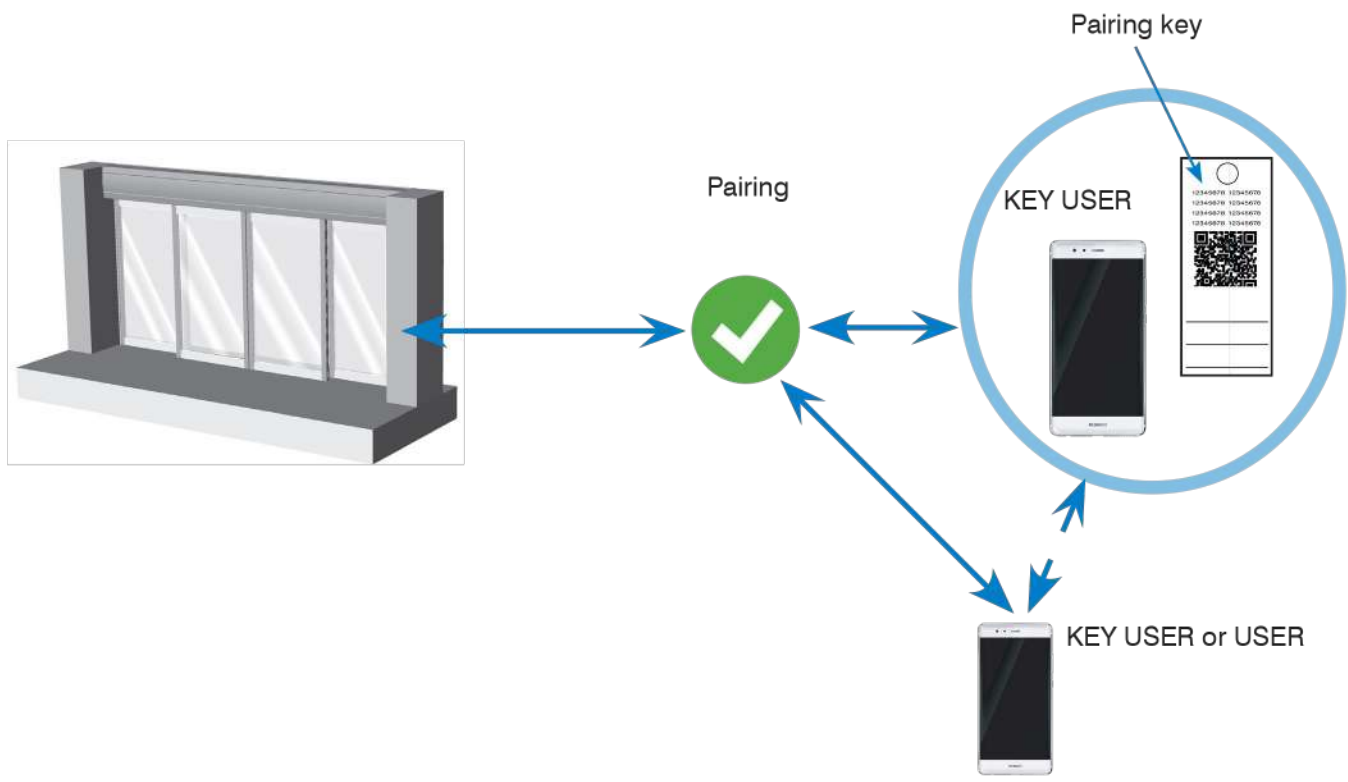
APPENDIX - PAIRING




Introduction

To use your smartphone with your automatic door, you will need to pair it first (register it with the door). For this, you have a PAIRING KEY. Unique to each door, it is shown as a QR code. It can be given to you in several ways:

- affixed on the quick start notice that was given to you.
- sent by letter.
- by contacting the installer.
- by contacting the distributor with your application at the **5** step in the chapter "Pairing your first smartphone" by clicking on the link "I do not have a QR CODE".



 The pairing key is confidential. It allows anyone to connect to your door and use it. **Keep it in a safe place.** If the PAIRING key was shared with unauthorized people, you must generate a new key to prevent them from accessing your facilities.



APPENDIX - PAIRING

Pairing your first smartphone

1

Download the AUTO-DOOR PILOT application available free of charge from the following stores:



2

Open the application:

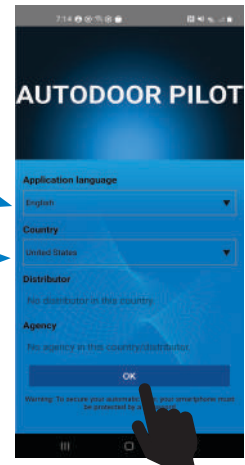


3

Fill in the following information:

Language: if the language is correct, do not change it.

Country/Distributor/Agency: fill in to obtain the sales and after-sales contacts.

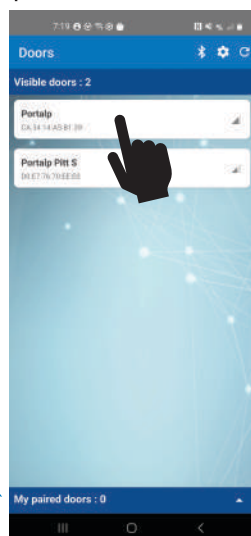


4

Click on the door to pair.

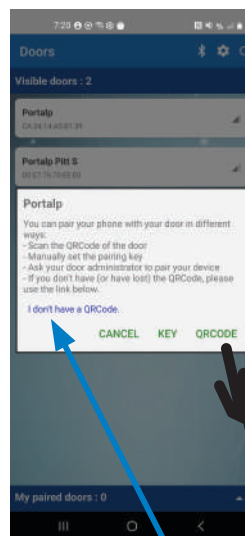
Doors your smartphone sees

Doors already paired in the smartphone



5

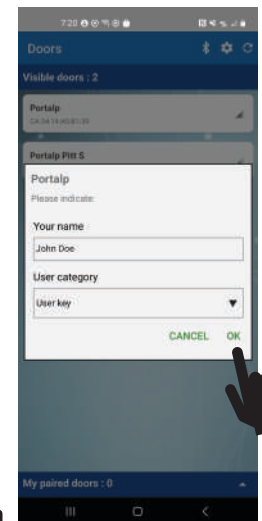
Click on QR CODE.



If you do not have a QR code

6

Enter your user name and select your user category, they will appear in the list of paired smartphones.

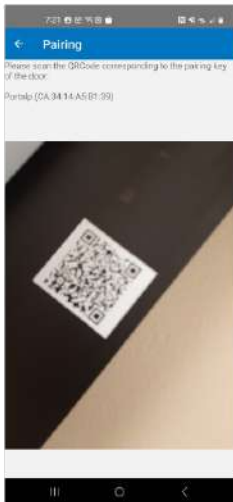


APPENDIX - PAIRING



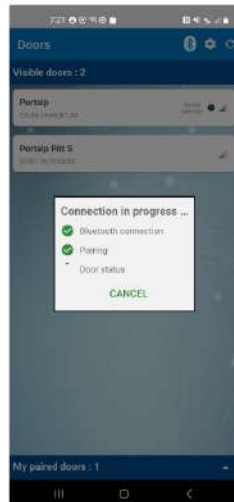
7

Scan your QR code.



8

Pairing successful.



9

Application ready to use.



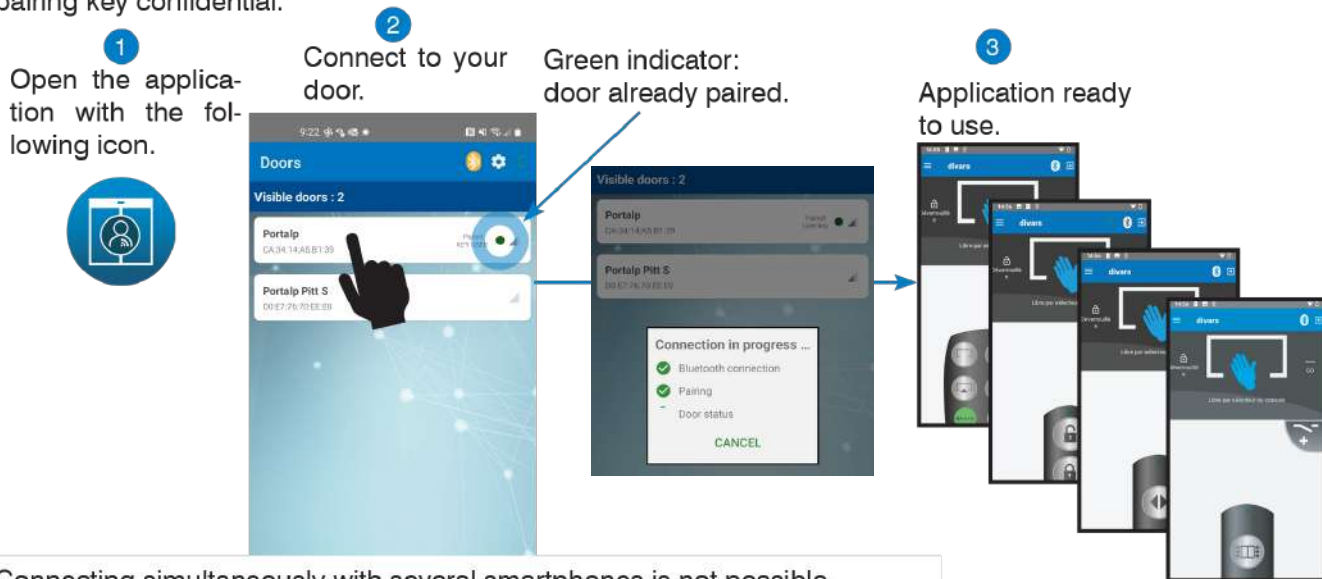
We recommend generating a new pairing key to be certain that the current key is not shared. See the chapter "4.4.3 Generate a pairing key", page U22.

APPENDIX - CONNECTION



Sign in and control the automatic door

When the first smartphone is paired, use it to pair the following smartphones. This allows you to keep the pairing key confidential.



Connecting simultaneously with several smartphones is not possible. After one minute of non-use or opening in the background, the application disconnects from the door so that other users may connect.

Connection options

The options in the **menu / application settings / door connection** will make using your automatic door user friendly:

Stay connected: connection is active as long as the smartphone is in the reception area. Communication remains active even if the smartphone is on standby; no other user may connect. Use this option if the AUTODOOR PILOT is used frequently and there is only one user.

Automatic connection:

- **To my favorite door (choose your door):** when you open the application, it will automatically connect to the selected door. You can interrupt the connection by clicking on the screen. Use this option if you only have one door.
- **To the first door detected:** when you open the application, it will automatically connect to the first door paired. You can interrupt the connection by clicking on the screen. Use this option if you have several doors that are far away from each other.
- **To the nearest door:** when you open the application, it will automatically connect to the nearest door. You can interrupt the connection by clicking on the screen. Use this option if you have several doors that are close to each other.

APPENDIX - CONNECTION



Generate a pairing key

The pairing key is used to pair a smartphone directly to the door. A new pairing key replaces the previous one. Generating a key is useful if:

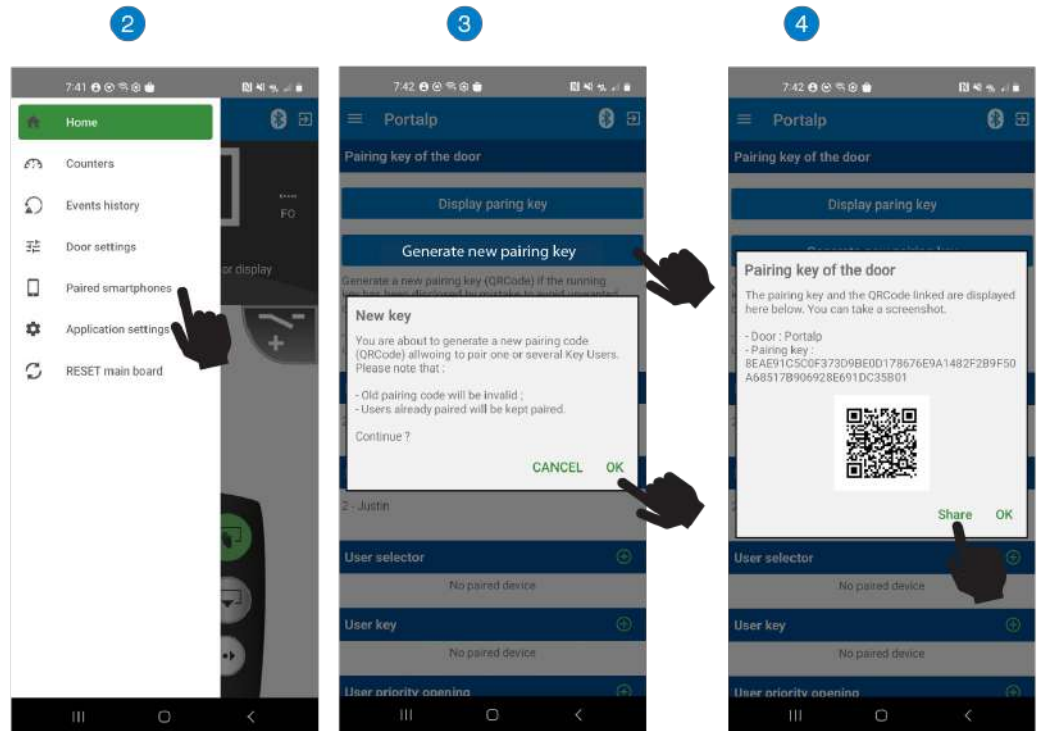
- your pairing key was shared with unauthorized people.
- you lost your pairing key.

Generation procedure:

1 Connect a KEY USER smartphone.



A new pairing key does not delete the previously paired smartphones.



APPENDIX - MANAGING SMARTPHONES




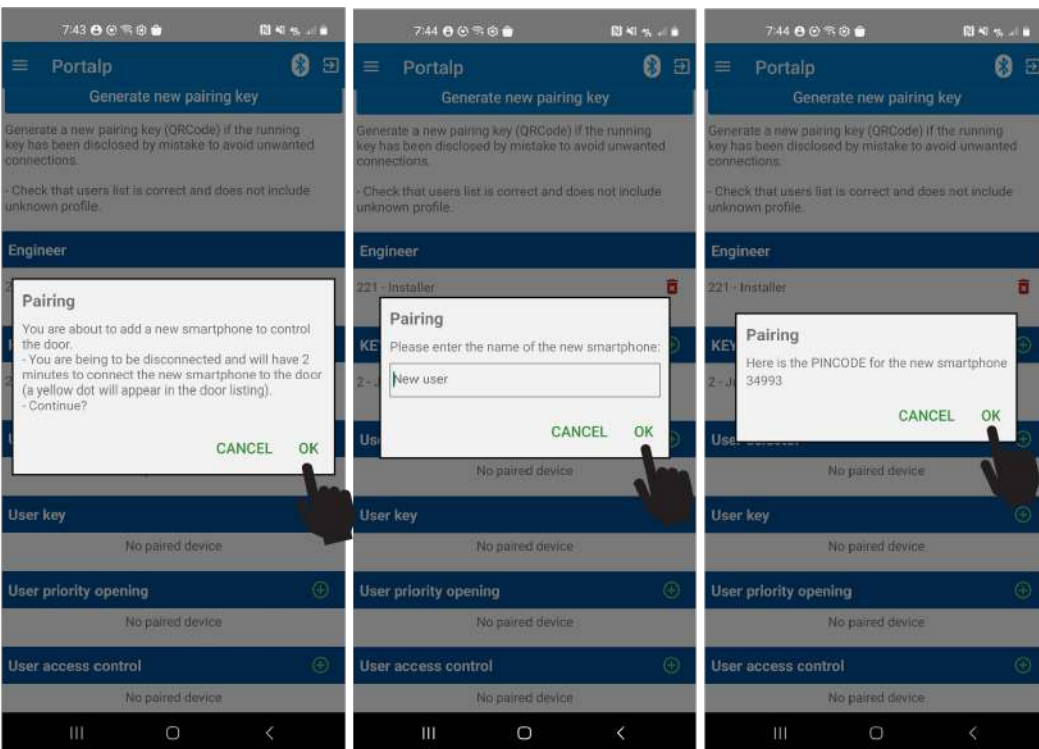
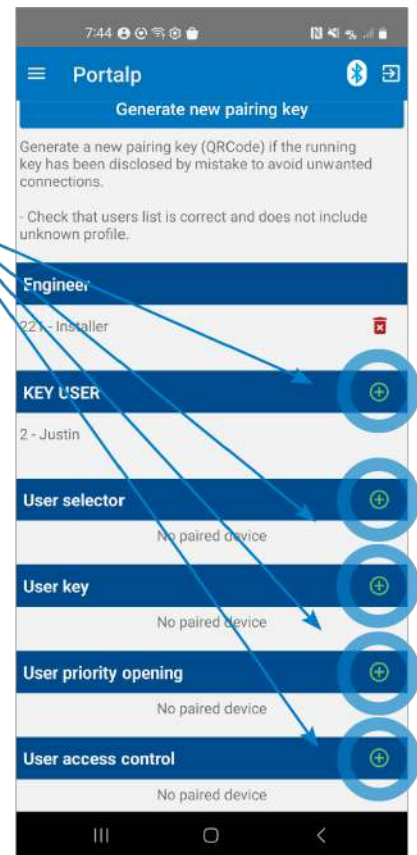
We recommend pairing the new smartphones with a KEY USER smartphone, this ensures that the pairing key is not disclosed.

The automatic door can store a maximum of 32 smartphones.

ADDING A SMARTPHONE

First: The AUTODOOR PILOT application must be installed on the smartphone to be paired and pass the start page.

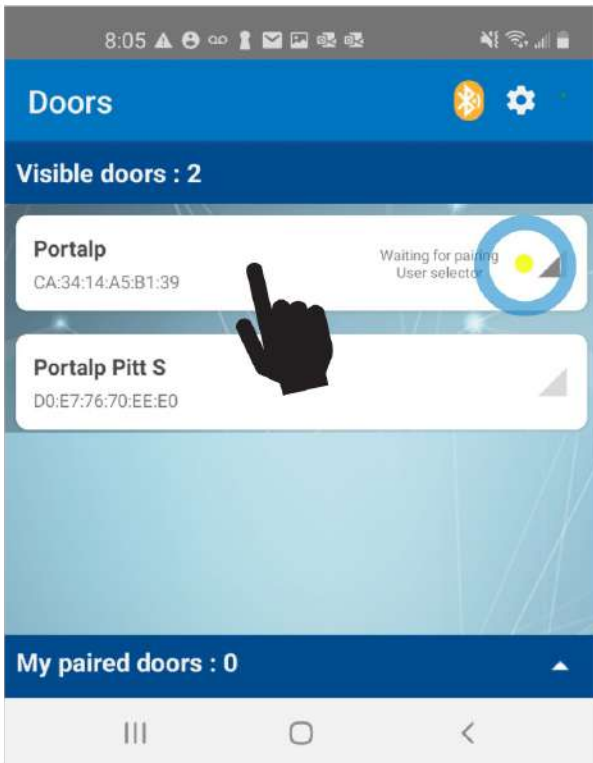
- 1 Connect a KEY USER smartphone.
- 2 Open the page in Menu / Paired smartphones.
- 3 Click on  to add the desired HMI type.
- 4 Enter the new user's name, confirm the pages. A five-digit PIN code will be sent to the new user. You have one minute to pair the new smartphone.



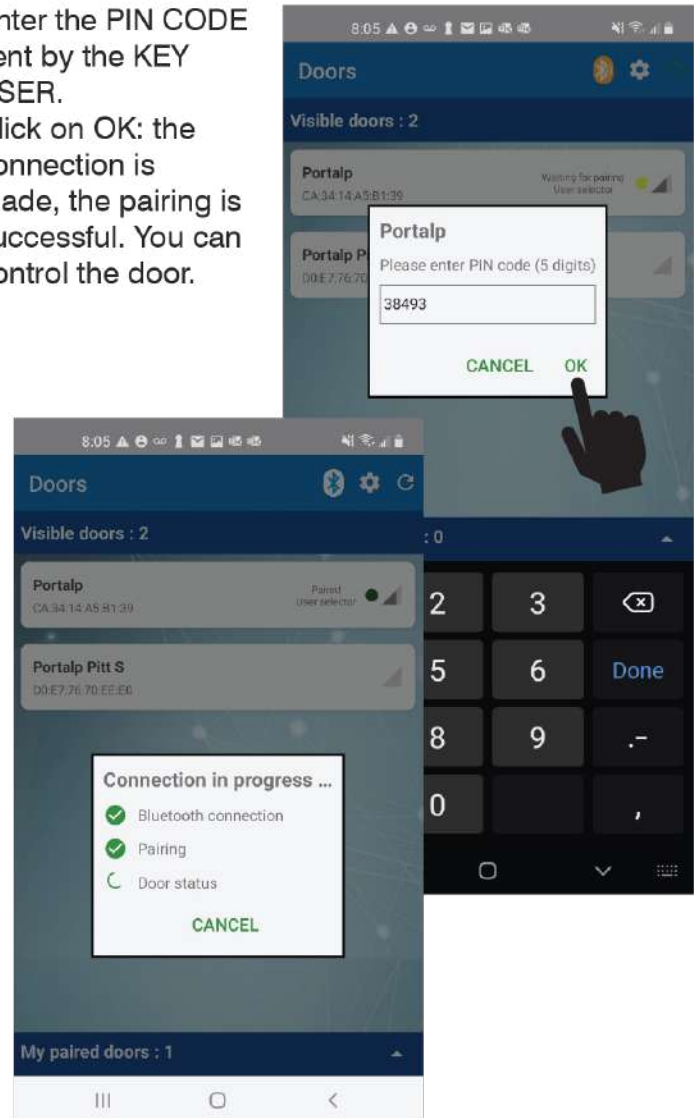
APPENDIX - MANAGING SMARTPHONES



- 5 Open the application on the smartphone to be paired. After the start page, the list of doors present appears.
- 6 A yellow dot appears on the door waiting for pairing, click on it.



- 7 Enter the PIN CODE sent by the KEY USER. Click on OK: the connection is made, the pairing is successful. You can control the door.



APPENDIX - MANAGING SMARTPHONES

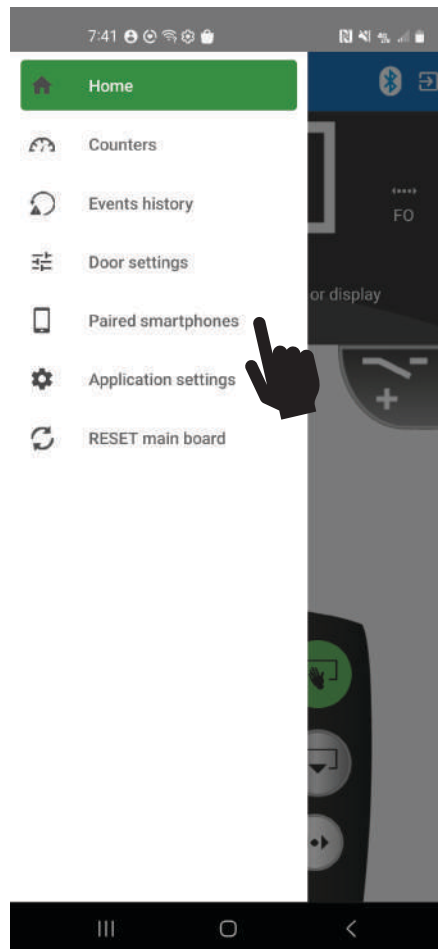


DELETING A SMARTPHONE

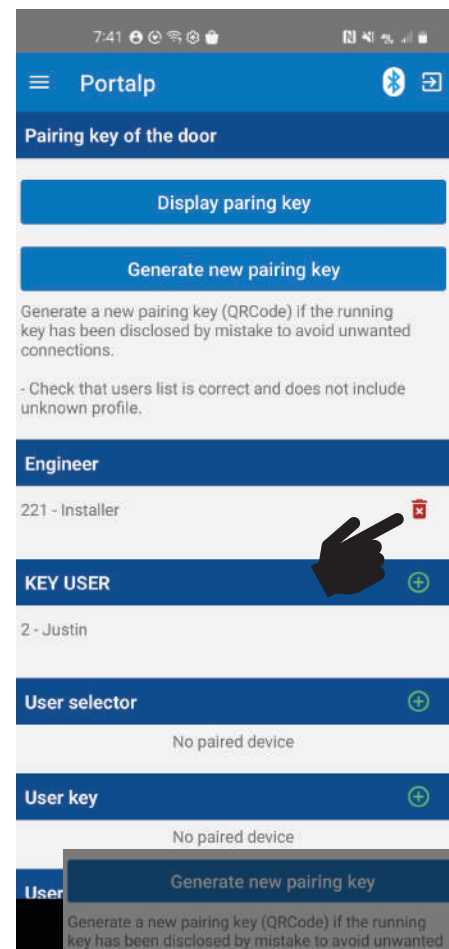
1

Connect a KEY USER smartphone.

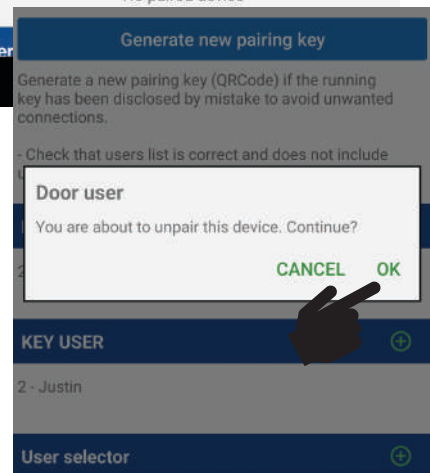
2



3



4



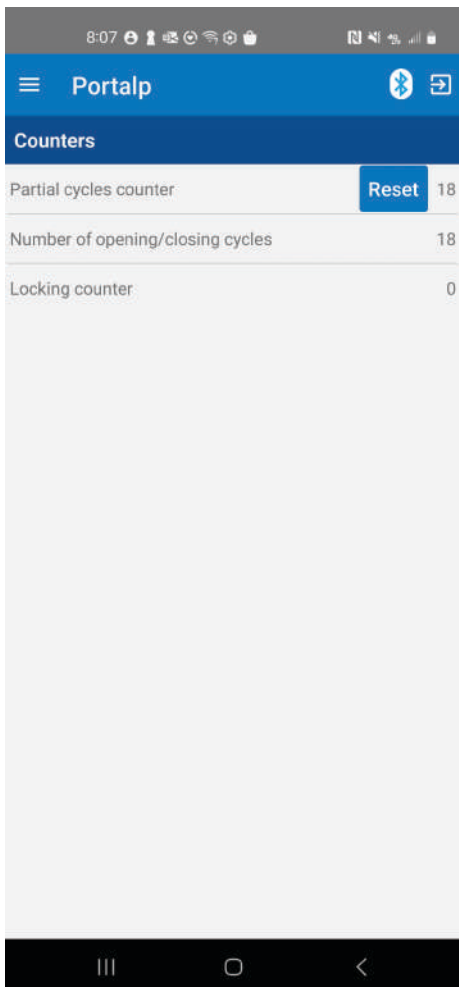
APPENDIX - OTHER FUNCTIONS



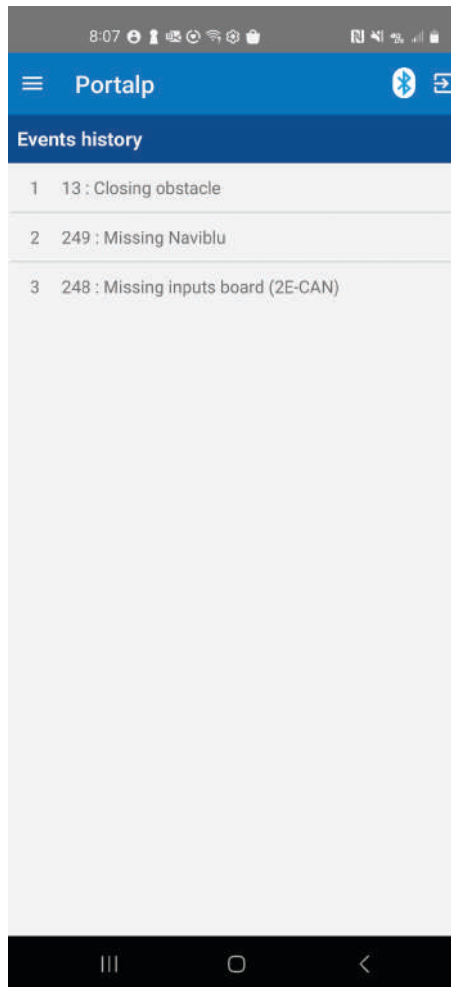
Counters, defect history, adjustments, reset

- 1 Connect a KEY USER smartphone.
- 2 Open the menu.
- 3 Click on one of the following titles:

Counters



Defect history

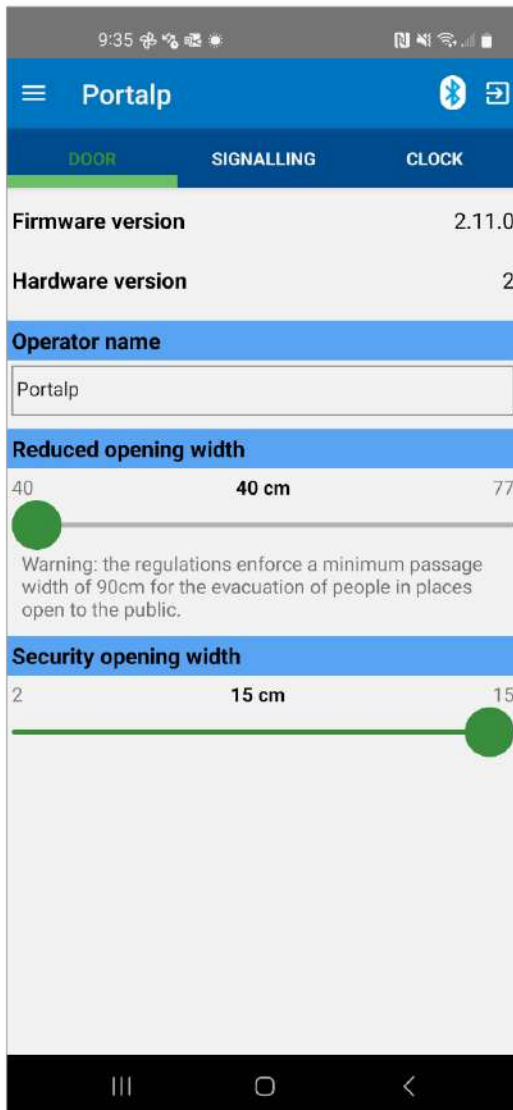


Displaying defects:
1: last defect appeared.

APPENDIX - OTHER FUNCTIONS

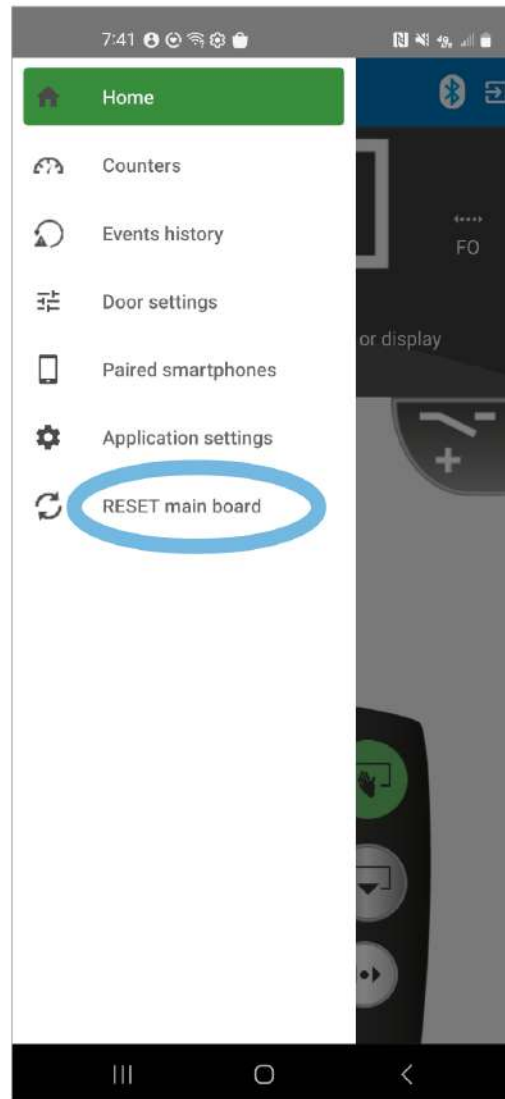


Adjustments



Access various adjustments for the door.
Such as: the door's name, adjustments to the opening width, Naviblu code initialization, etc.

Reset



Reset the door: restarts the automatic door.

APPENDIX - OTHER FUNCTIONS



Awakening the door

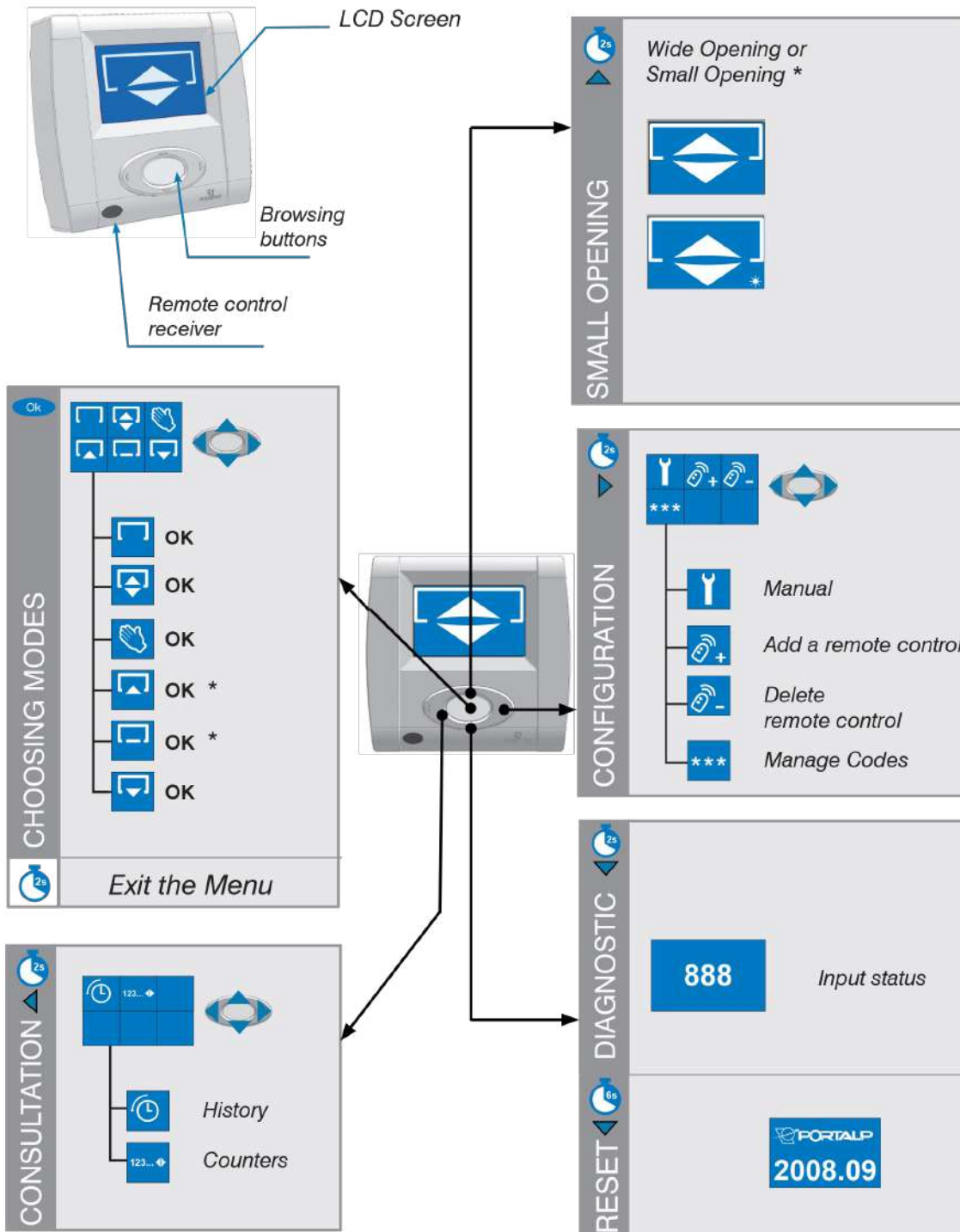
The door goes into standby when it loses mains power for more than two minutes so as to not discharge the battery. You can wake the door up with your smartphone by connecting to the door.

Wake up is impossible if the battery's charge is too low.

The door will automatically wake up again when mains power returns.



APPENDIX - NAVIBLU



*: These functions are not compatible with an EN16005 emergency exit door; users are entirely responsible for their use.

APPENDIX - NAVIBLU | Changing modes



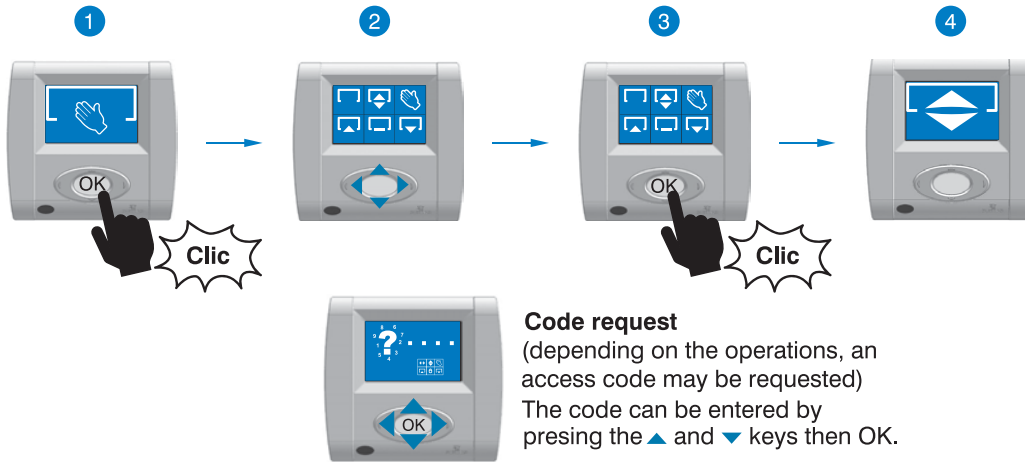
The main modes

The installer can configure access to the mode switch according to these three modes of operation:

- Switch inactive** : mode change is not accessible.
- Switch active**: mode changes are accessible, the user can Allow/Prohibit it with their access code.
- Timed switch** : the access code will be requested and allow access for 30 seconds.

CHANGING MODE

From the display screen of the current mode:

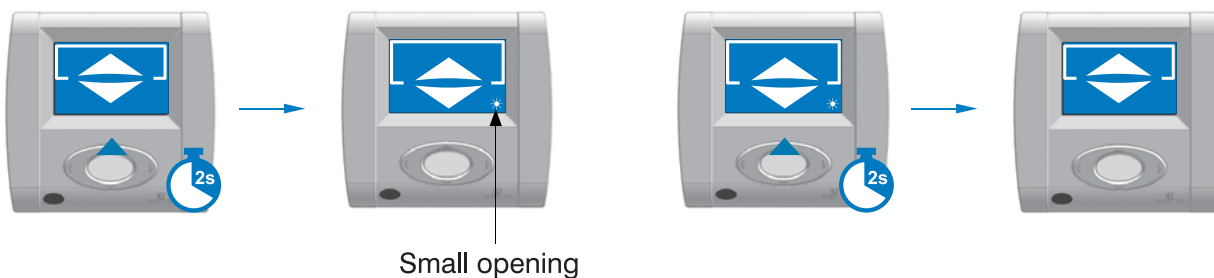


ALLOW OR PROHIBIT ACCESS TO THE SWITCH

When access to the switch is in "Active" mode, the user can allow and prohibit access.
From the display of the current mode:



CHANGING THE OPENING WIDTH



APPENDIX - NAVIBLU | Changing modes



Awakening the door

The door goes into standby when it loses mains power for more than two minutes so as to not discharge the battery. You can wake up the door with the Naviblu by pressing the OK key. Wake up is impossible if the battery's charge is too low. The door will automatically wake up again when mains power returns.



Guard Mode

Secure guard opening is a 2 to 15 cm (0.79" to 5.9") maximum opening to allow only objects to pass through. Since this is a secure mode, you must be in closed mode first. You cannot switch to Guard mode from Override Closed Mode.

Accessing the Guard mode

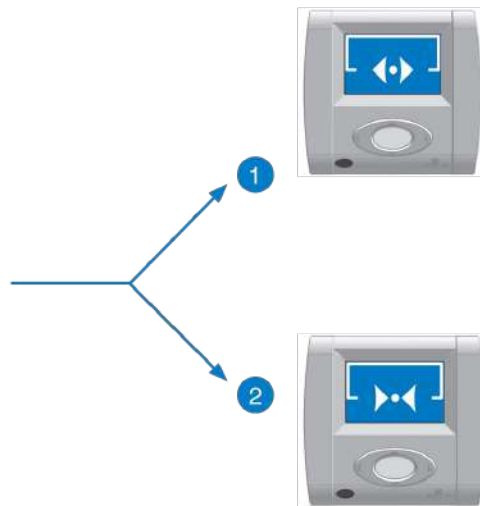


Showing the switch in Guard mode

- 1 Guard opening.
- 2 Guard closing.



Returning to the initial opening width



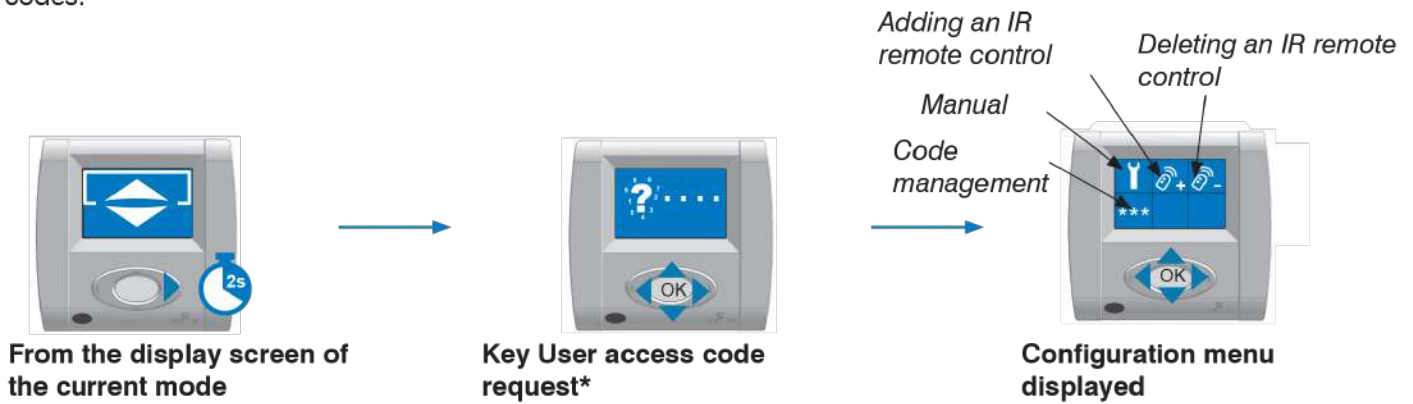
For regular use, connect a palm button to Priority Opening.

APPENDIX - NAVIBLU | Configuration menu



Access the Configuration menu

This menu allows the user to change some door settings, add and remove remote controls, and manage access codes.



i * The user must customize their access code.
 Codes by default:

- USER : 0000
- KEY USER : 0000

Manual

Adjustments

| | | |
|-----------------------------------|--|------------------|
| OK ▼ ▲ | ◀ ▶ | Long OK |
| • Go to the next/previous screen. | • Increment the values using the browsing buttons. | • Exit the Menu. |

Largeur petite ouverture

Current value: 83 085

Change the value

Adjusts the width of small opening.

Aux 1 Inactive (93-1)

Aux 1 Active (93-2)

Activates an electric device wired to the automatic door.


RETURN TO THE START OF THE MENU

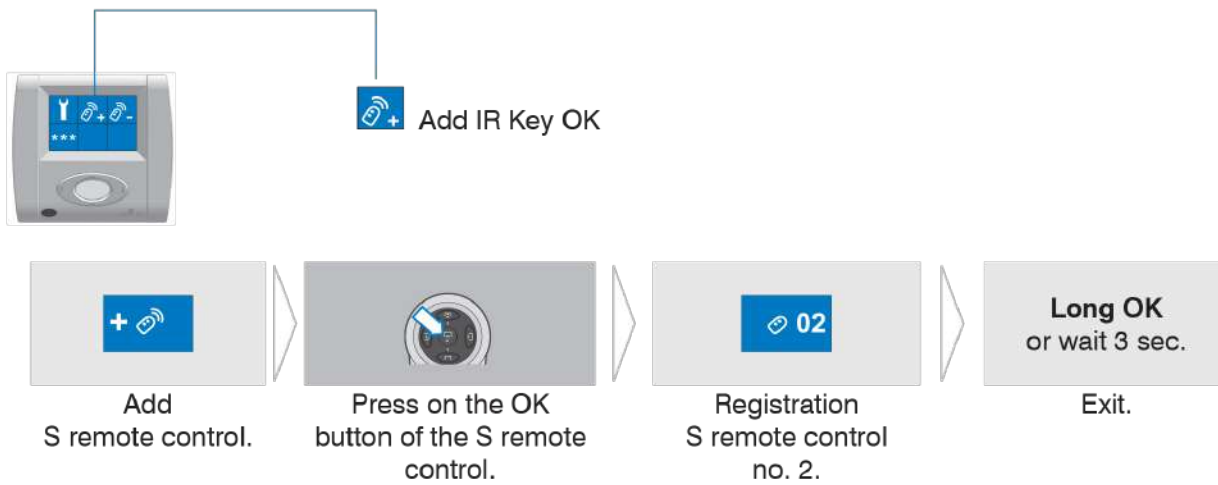
APPENDIX - NAVIBLU | Configuration menu



Adding Remote Controls

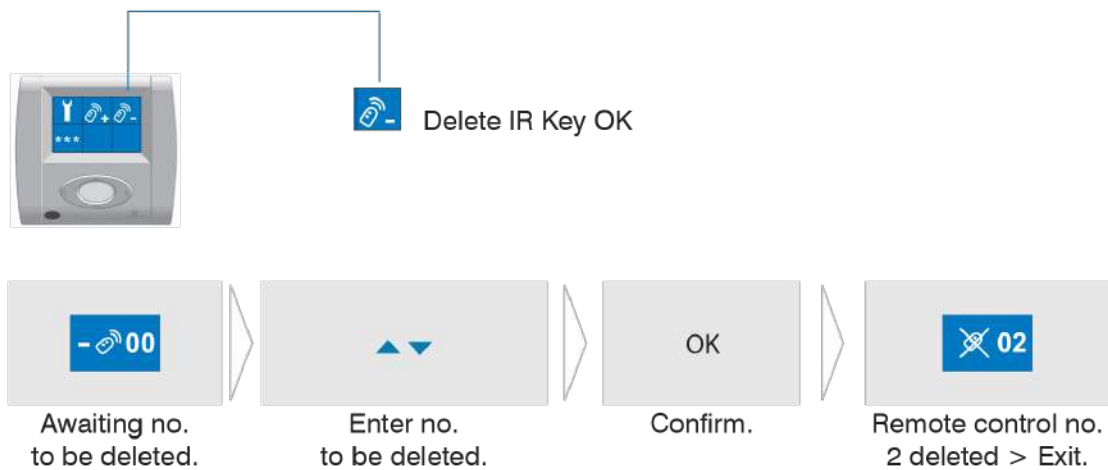


Simplified remote controls  must first be registered to be used.



Registers a maximum of 16 remote controls.

Deleting S remote controls




APPENDIX - NAVIBLU | Configuration menu



Code management

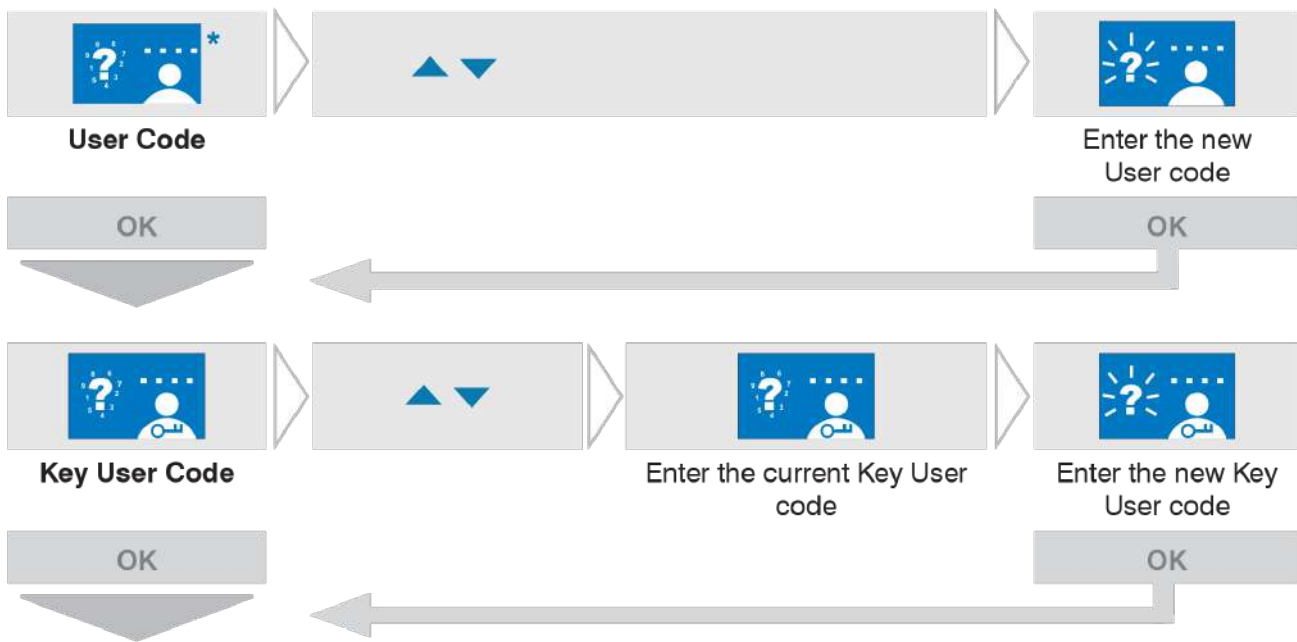
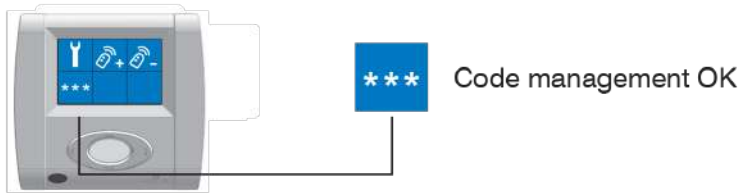
There are two possible levels of permission:

- The User code gives access to mode changes.
- The Key User code gives access to mode changes and settings management.




Codes by default:

- USER : 0000
- KEY USER : 0000



* The User code is shown if the entry in the configuration menu is made with the Key User code.

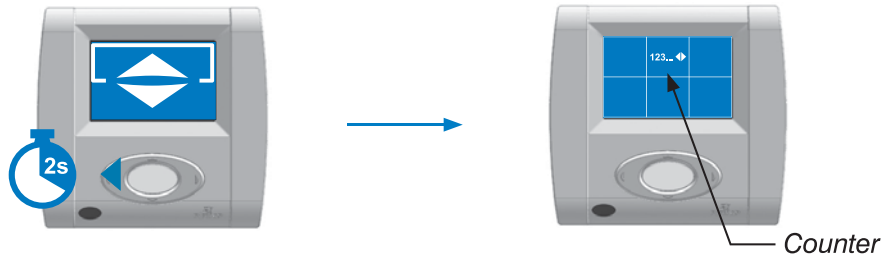


The user must customize the User and Key User codes.

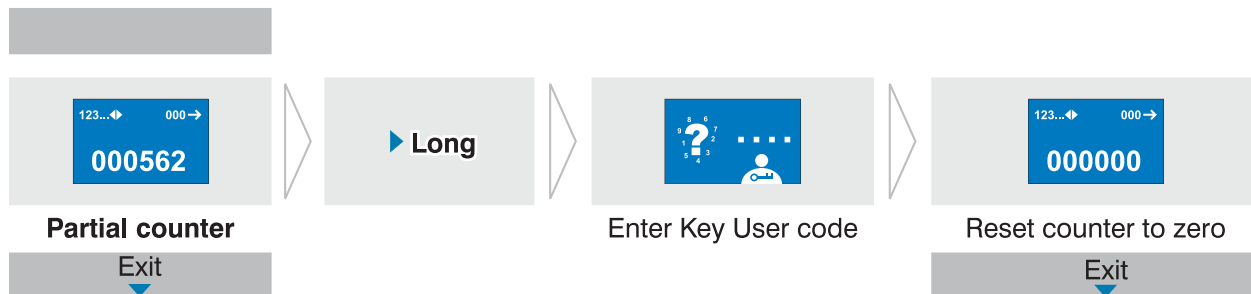
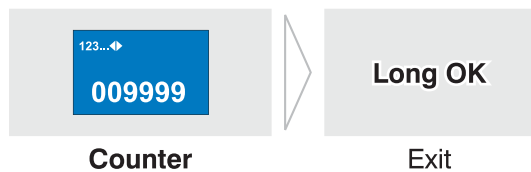
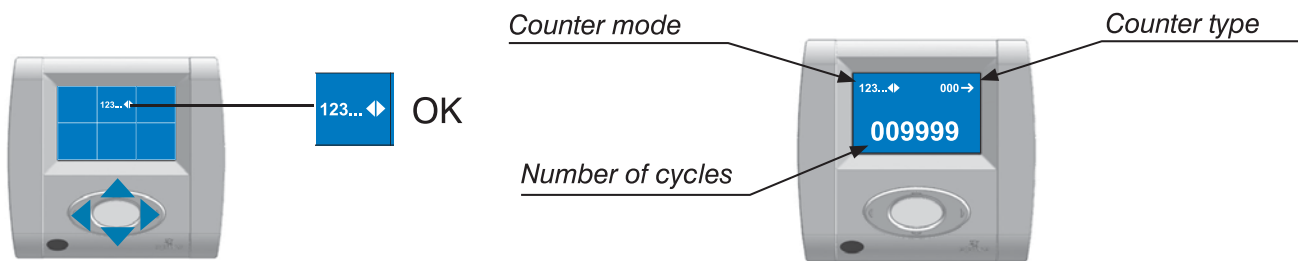
APPENDIX - NAVIBLU | Consultation menu



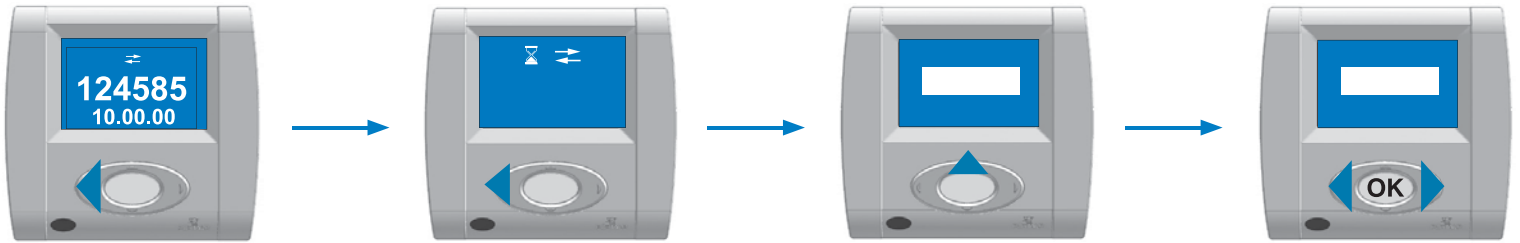
Access the Consultation menu



Counter of openings



APPENDIX - NAVIBLU | Adjust contrast



During the start screen

(when powering on or after a reset)

- ① press the LEFT arrow.

Press and hold

- ① until the symbols appear on the display.

Within two seconds after the logo appears

- ① press the UP arrow: the contrast screen appears.

Adjust the contrast

- ① Using the horizontal buttons, then OK.

APPENDIX - NAVIBLU | Activating backlighting

There are three statuses of backlighting:

Stopped: The door is not powered on.

Low: NAVIBLU has not been used in 6 min.

Normal: Standard door operations.

APPENDIX - DIAGNOSTIC & MAINTENANCE (D&M)



ACCESSING THE DIAGNOSTIC MODE



The Diagnostic Screen is shown

888

This mode gives you the status of the inputs of the main board to easily guide the after-sales service when troubleshooting by telephone.

EXIT MENU

Press on the bottom button for 2 seconds.






APPENDIX - D&M | Displaying defects



There are 4 types of defects:

- **Automatically Erasable Defect (Défaut Effaçable Automatiquement, DEA):** There is no possible action. The defect may disappear without a reset if the defect's conditions disappear
- **Defect Erasable by Voluntary Command (Défaut Effaçable par Commande Volontaire, DECV):** The defect will disappear after the user takes action via HMI or an opening control. The function can be restarted by:
 - ① Changing mode.
 - ② Changing the door's movement by activating an opening control or at the end of an opening time.
- **Defect Erasable by Auto-Reset (Défaut Effaçable par Auto-Reset, DEAR):** The defect disappears with a RESET. The main board automatically performs up to three RESETs (Auto-Reset). After three unsuccessful automatic restarts less than one hour, only a manual reset can restart the door.
- **Defect Erasable by Reset (Défaut Effaçable par Reset, DER):** The defect disappears after a manual reset or restarting the door.



| | Default | Type | Action |
|--|----------------------------|-------------|---|
|  001 | Motor temperature too high | DEA | Wait for the motor to cool down. |
|  002 | Low battery | DEA | Limit movements on the battery. Wait for the mains to come back. |
|  003 | Manual unlock | DECV | Cancel the defect by changing mode. |
|  004 | Break-in | DECV | Cancel the defect by changing mode. |
|  005 | SD card content | DER | Contact after-sales. |

APPENDIX - D&M | Displaying defects



| | Default | Type | Action |
|-----------|--------------------------------------|------|---|
| 006 | Temperature sensor defective | DEA | Contact after-sales. |
| 007 | Main board power fuse out of service | DER | Contact after-sales. |
| 010 | Motor defect | DEAR | Perform a reset. If the problem persists, contact after-sales. |
| 011 | Broken belt | DEAR | Perform a reset. If the problem persists, contact after-sales. |
| 012 | Obstacle when opening | DECV | Remove the obstacle. |
| 013 | Obstacle when closing | DECV | Remove the obstacle. |
| 014 | SD card missing | DER | Contact after-sales. |
| >8.5m 015 | Width too great | DEAR | Perform a reset. If the problem persists, contact after-sales. |
| <60cm 016 | Width too small | DEAR | Perform a reset. If the problem persists, contact after-sales. |










APPENDIX - D&M | Displaying defects



| | Default | Type | Action |
|--|----------------------------------|-------------|---|
|  017 | Battery test not performed | DECV | The battery test could not be performed in Automatic, Entrance, or Exit mode. Switch to one of these modes to restart the test. |
|  018 | Emergency exit redundancy system | DEAR | Perform a reset. If the problem persists, contact after-sales. |
|  019 | Loss of mains | DEA | Check the power supply of the board, the circuit breaker, the fuses. |
|  020 | Software malfunction | DEAR | Perform a reset. If the problem persists, contact after-sales. |
|  021 | Unlocking defect | DECV | Any request to unlock restarts operations: switch from closed mode to open mode. |
|  022 | Unknown motor type | DER | Perform a reset. If the problem persists, contact after-sales. |
|  024 | Locking defect | DECV | Any request to unlock restarts operations: switch from closed mode to open mode. |
|  027 | Significant motor overheating | DEA | Wait for the motor to cool down. |
|  031 | Secu monitoring | DECV | If the problem persists, contact after-sales. |

APPENDIX - D&M | Displaying defects



| | Default | Type | Action |
|---|-----------------------------|------|--|
|  035 | Battery greatly discharged | DEA | Limit movements on the battery. Wait for the mains to come back. If the problem persists, contact after-sales. |
|  038 | Motor control Communication | DEAR | Contact after-sales. |
|  039 | Different motor | DER | Perform a reset. If the problem persists, contact after-sales. |
|  042 | Different width | DEAR | Remove obstacles, perform a reset. If the problem persists, contact after-sales. |
|  043 | Lock lost | DEA | Contact after-sales. |
|  044 | Lock unknown | DEA | Contact after-sales. |
|  048 | Battery missing | DEA | Contact after-sales. |
|  052 | Bad hardware | DER | Contact after-sales. |
|  053 | Low battery | DEA | Contact after-sales. |









APPENDIX - D&M | Displaying defects



| | Default | Type | Action |
|--|-------------------------|------|---|
| | Motor oscillation | DEA | Contact after-sales. |
| | Lock insulation | DEAR | Contact after-sales. |
| | Motor insulation | DEAR | Contact after-sales. |
| | Opening defect | DER | Contact after-sales. |
| | Loss of key switch | DEA | Contact after-sales. |
| | Key lost | DEA | Contact after-sales. |
| | MFL_API lost | DEA | Contact after-sales. |
| | IXIO-ST Internal fault | DEA | Check that the door environment was not changed: object, floor change, etc. Contact after-sales. |
| | IXIO-DT3 Internal fault | DEA | Check that the door environment was not changed: object, floor change, etc. Contact after-sales. |

APPENDIX - D&M | Displaying defects



| | Default | Type | Action |
|---|-----------------------------------|------------|----------------------|
|  244 | 4SECU3E-CAN defective or missing | DEA | Contact after-sales. |
|  245 | ST sensor defective or missing | DEA | Contact after-sales. |
|  246 | DT3 sensor missing | DEA | Contact after-sales. |
|  247 | 2S-CAN board defective or missing | DEA | Contact after-sales. |
|  248 | 2E-CAN board defective or missing | DEA | Contact after-sales. |
|  249 | Naviblu defective or missing | DEA | Contact after-sales. |
|  254 | SAFETY BUS peripheral unknown | DER | Contact after-sales. |
|  255 | FIELD BUS peripheral unknown | DER | Contact after-sales. |

APPENDIX - DECAL & LABEL PLACEMENT



A - CAUTION AUTOMATIC DOOR

Yellow decal with black lettering - Decal must be visible from both sides of the door. Decal height at 55 +/- 5" from floor.

B - STAND CLEAR

Yellow decal with black lettering - Decal must be visible from the side that the sliding door is on. Decal should be placed in an area of the sidelite panel that is easily visible - exact location is not specified per ANSI.

C - THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED

Black decal with white lettering - Decal must be visible from each side of the door. Exact mounting height is not specified.

D - IN EMERGENCY PUSH TO OPEN

Red decal with white lettering - Decal must be visible from the side opposite of the breakout direction. Exact mounting height is not specified.

E - AAADM DAILY SAFETY CHECK

White decal with black lettering - Decal must be visible on the door jamb.

IMPORTANT NOTES:

- Ensure all signage is applied upon job completion.
- If signage cannot be applied due to awaiting glass & glazing, advise Owner that signage must be applied upon job completion.
- If an Owner does not want signage applied (for aesthetic reasons or otherwise):
 - Explain the **ANSI requirements** - if Owner still does not want signage applied, enter a notation on the work order to indicate such action.

