

bticino

01GF-11W01

346310

Switchboard

Instructions for use

btigino



Switchboard

Contents

1	Introduction and basic functions	5
1.1	General information	6
1.2	Your Switchboard: use it immediately!	6
1.2.1	Video door entry system function keys	7
1.2.2	Navigation keys	8
1.3	Menu functions	8
1.3.1	Volume adjustment	9
1.3.2	Video adjustment	10
1.4	Examples of use	11
1.4.1	Handling an entrance panel "EP" call	11
1.4.2	Handling a handset "IU" call	12
1.4.3.	Making a call	12
1.4.4	Managing alarms	13
1.4.5	Panic Alarm	14
2	Advanced functions	15
2.1	Operating modes	16
2.2	Contacts	17
2.3	Call log	18
2.4	Configuration	18
2.4.1	Day Night	19
2.4.2	Service handset "IU"	20

Switchboard

Introduction and basic functions

- 1.1 General information** 6
- 1.2 Your Switchboard: use it immediately!** 6
- 1.3 Menu functions** 8
- 1.4 Examples of use** 11



1 Introduction and basic functions

1.1 General information

Once correctly configured using the TiSwitchboardDevice program, in addition to performing the standard 2 wire digital video door entry system functions (door lock release and video monitoring), the switchboard can also be used to receive and forward audio/video calls, and to manage alarms, both inside the individual apartments, and in common areas.

The main functions of the switchboard are the following:

- call an apartment handset
- receive calls from Entrance Panels and forward them, if necessary, to the various apartment handsets
- receive ordinary or alarm calls from the apartment handsets
- control the electrical door locks of the Entrance Panels
- switch the staircase lights on
- activate a relay
- switch on Entrance Panels or cameras (monitoring)
- cycle through the cameras (surveillance)

The switchboard also provides the following:

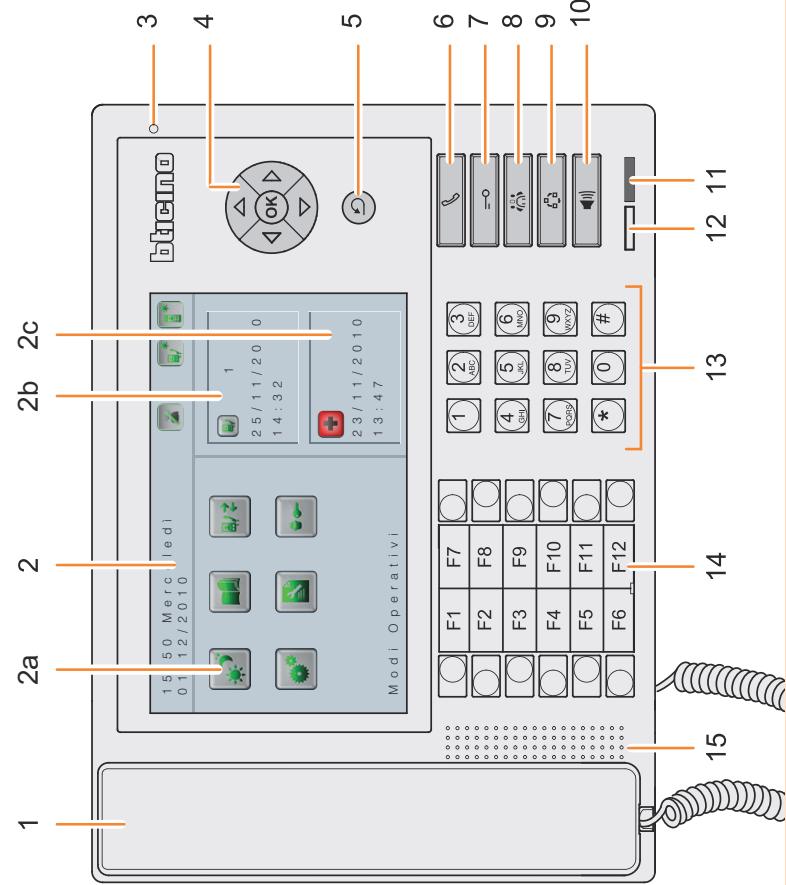
- DAY/NIGHT management, with the possibility of only enabling the switchboard functions during certain time bands, which can also be set by the user;
- a CALL LIST, saving all the unanswered calls received from apartment handsets;
- an HANDSET DIRECTORY and an ENTRANCE PANEL DIRECTORY. Their programming ensures easy identification of the calling apartment or entrance panel.



WARNINGS

- Improper use of the switchboard and all connected devices will void all warranties!
- Only clean the unit using a damp or antistatic cloth. Do not use alcohol or detergents.

1.2 Your Switchboard: use it immediately!



Note about the LCD screen

The LCD screen has been produced using state of the art high precision technology. It may however happen that up to 5 small black and/or red, blue, or green dots will appear on the LCD screen. This is normal and does not indicate wrong and/or faulty operations.

Switchboard

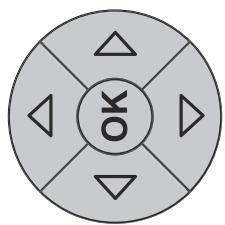
- 1 **Handset**
- 2 **Colour LCD display;** it displays the menus for the operation and programming functions. It shows the images recorded from the entrance panel and from other cameras.
- 2a Menu icons
- 2b Last unanswered call
- 2c Last alarm received
- 3 **Handsfree microphone**
- 4 **Navigation keypad;** it's used to navigate through the menu and confirm the selections made (OK key)
- 5 **Cancel key**
- 6 **Direct call key**
- 7 **Door lock key**
- 8 **Directory key**
- 9 **Entrance panel activation and cycling key**
- 10 **Handsfree key**
- 11 **Active alarm LED**
- 12 **Switchboard status LED**
Switchboard in stand-by: green on steady
Incoming call: green, flashing quickly
Busy: Green, flashing slowly
- 13 **Alphanumeric keypad**
- 14 **Configurable function keypad**
- 15 **Handsfree loudspeaker**

1.2.1 Video door entry system function keys

	Direct call key To send the call to the desired apartment handset, after entering the associate directory logic extension.
	Door lock key When the connection is activated, the door lock of the calling Entrance Panel opens. When idle, the door lock of the associated Entrance Panel opens. Also, when idle, enter the entrance panel "EP" address to activate any door lock (only for entrance panels on the same line as the switchboard).
	Directory key It displays the handset, entrance panel, and switchboard directory screen.
	Handsfree key It activates the handsfree mode, excluding the handset, or vice versa.

1 Introduction and basic functions

1.2.2 Navigation keys

**OK key**

It switches the switchboard on.

It provides access to the menu; it confirms the selection made.

Keys △ ▽ ▲ ▼

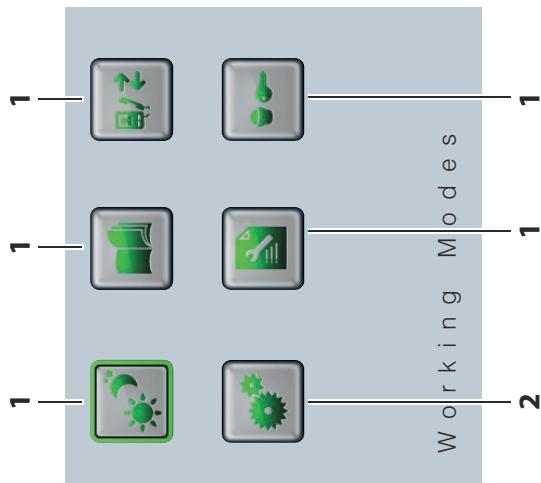
They can be used to scroll horizontally or vertically through the menu items; In some submenus, they can be used to change the values set.

Key ⌂

To Return to the previous screen; if the user is already on the first screen it can be used to turn the display off.

1.3 Menu functions

Press **OK** or lift the handset when the display is in stand-by to access the main menu:



1) Submenu icons and controls

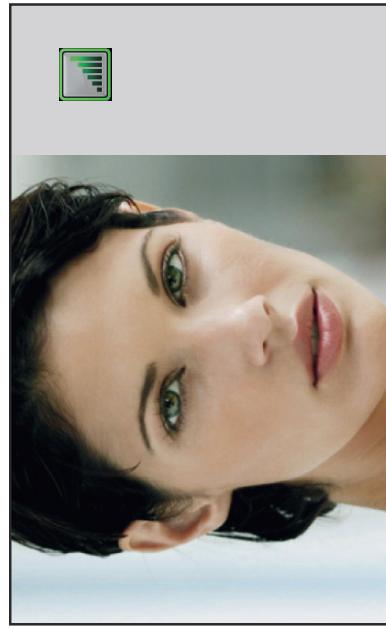
2) The configuration icon provides access to a range of adjustments /services described below.

It is possible to select the desired functions among those available using the △ ▽ ▲ ▼ keys.

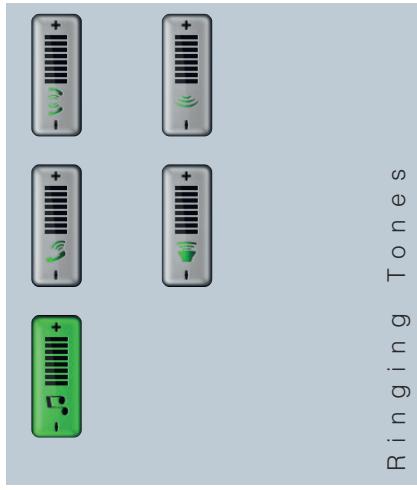
Switchboard

1.3.1 Volume adjustment

NOTE: During a video door entry system call press **OK** to directly access the audio adjustment menu.

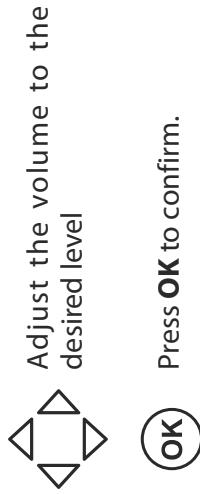


Press **OK** to access the menu



R i n g i n g T o n e s

Press **OK** to access the menu



Adjust the volume to the desired level

Press **OK** to confirm.



B E L L S : volume level of all bells



HANDSET CALL: audio volume for conversation with the entrance panel using the handset



HANDSET INTERCOM: audio volume for intercom call using the handset

Press **OK** to confirm the selection



HANDSFREE CALL: audio volume for conversation with the entrance panel using the handsfree function



HANDSFREE INTERCOM: audio volume for intercom call using the handsfree function

R i n g i n g T o n e s



1 Introduction and basic functions

1.3.2 Video adjustment

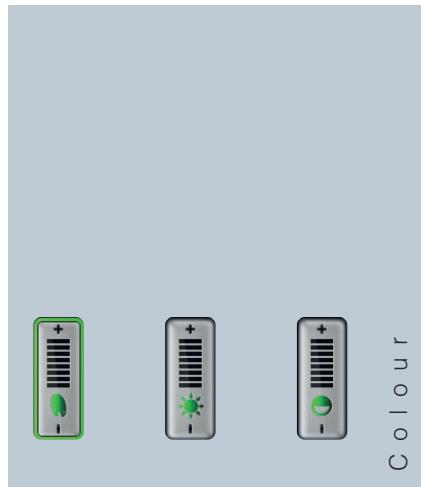
Use the **OK** key to access the main menu.



Select Configuration



Press **OK** to access the menu



△ □ △ □

Select one of the items inside the menu (colour – brightness – contrast)



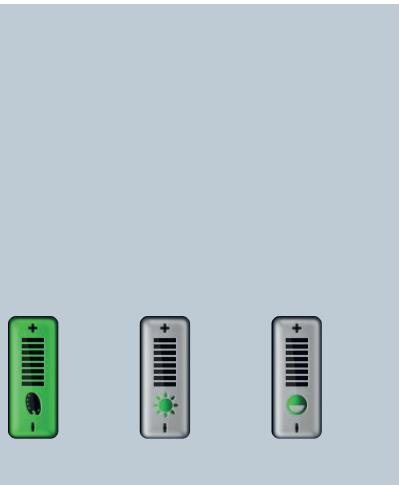
Press **OK** to confirm the selection



Perform the adjustment



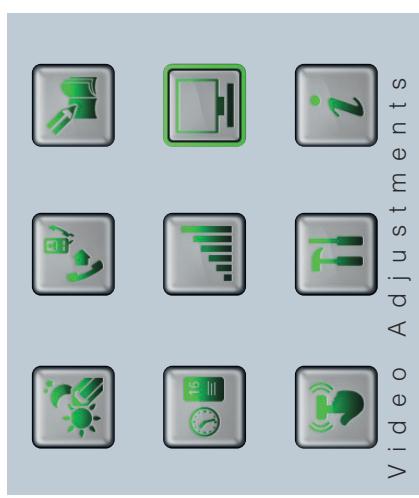
Press **OK** to confirm.



Select Video Adjustments



Press to confirm.

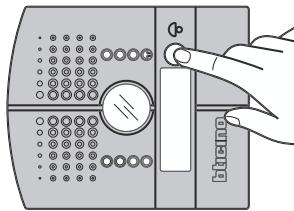


Switchboard

1.4 Examples of use

1.4.1 Handling an entrance panel "EP" call

This example shows how the Switchboard can handle an entrance panel "EP" call when the "EP" call status is in day mode.



A call is made from the "EP".

- You can answer the call:

- lifting the handset
- enabling handsfree mode using the

The green LED flashes slowly.

If necessary, during the call you can adjust the audio volume by simply pressing the **OK** key (see 1.3.1 Volume adjustment).

- After listening to the "EP", access the directory using the
 - key, and select the handset to which to transfer the call.
- You can look for an item in the directory, or enter the handset logic address, and call it using the

- Wait for the handset to answer.
- The handset displays the image from the "EP" camera.

- Communicate to the handset the reason for the call.
- Replace the handset and disable the handsfree, to enable communication between the handset and the "EP".

NOTE: other calls can only be made at the end of the current conversation between the EP and the handset.

The Switchboard receives the call.

The display shows the image recorded by the "EP" camera.

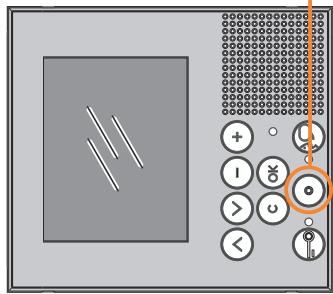
The green LED flashes quickly.



1 Introduction and basic functions

1.4.2 Handling a handset "IU" call

This example shows how the Switchboard can handle a handset call when the handset call status is in day mode.

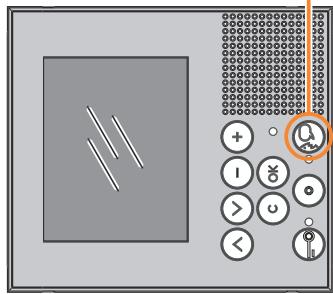


The handset calls the Switchboard.



The switchboard receives a request of intervention from the handset. The green LED flashes quickly. Lift the handset or activate handsfree mode using the **¶** key, to directly recall the handset that has sent the request.

The Switchboard stays on hold until the handset establishes communication.



The handset establishes communication
The green LED flashes slowly.



1.4.3 Making a call

From the switchboard it is possible to make a call at any time using the two procedures below:

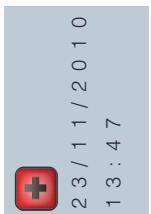
1. DIRECT: enter the logic handset or EP address and press **¶** for the handset, and **EP** for the EP.

2. FROM DIRECTORY: access the directory using the appropriate key or the menu item, recall the handset or EP by entering its description in the directory; the call will be sent when **OK** or **¶** is pressed.

Switchboard

1.4.4 Managing alarms

This example shows how to handle an alarm from an apartment handset or a common area.



- Access the Alarm Log menu:

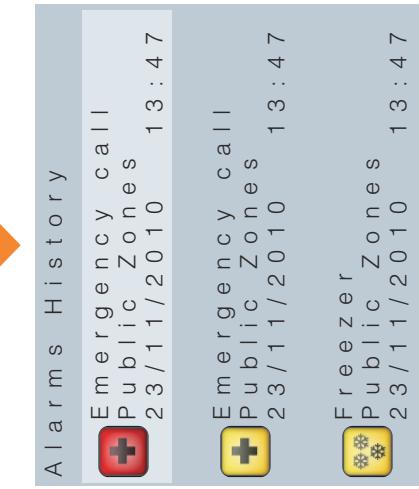


- Press **OK** to access the main menu
- Select the Alarm Log function



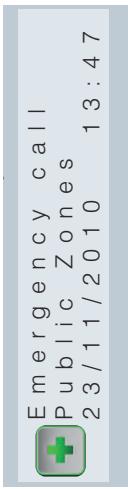
- Press **OK** to confirm.

Alarm Log



- Scroll and select the alarm to manage.
- Press **OK** to confirm.
- Access the Alarm Management section again.

If the issue has been resolved select the alarm to close and press **OK**; the icon turns from yellow to green, to indicate that the alarm has been resolved.



The alarm icon turns from red to yellow, to indicate that the switchboard operator has taken charge for its resolution.

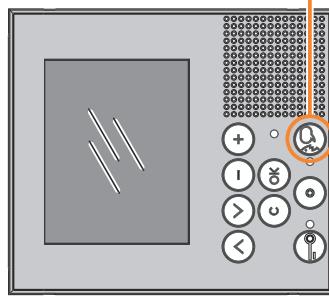
- If desired, the switchboard can now call the apartment handset the alarm was received from.

Open the directory using the key.

Select the apartment handset the alarm comes from.

Press **OK** to confirm.

The apartment handset is called.



The apartment handset answers



If necessary, the alarm can be reopened selecting it and confirming using the **OK** key. The icon becomes yellow.

1.4.5 Panic Alarm

This notification has priority on every other function of the switchboard.

In case of a panic alarm the Switchboard only allows to call the handset that has generated the alarm, to cancel the alarm, or to receive a new panic alarm notification.

Any calls from handsets, and any alarms from common areas or apartments, are placed in a call queue.

During the programming procedure, it is only possible to enable or disable as a whole the management of this alarm (for all handsets)

Switchboard

Advanced functions

2.1 Operating modes **16**

2.2 Contacts

2.3 Call log **18**

2.4 Configuration **18**

2.5 Alarm log

2.6 Automations **27**



2 Advanced functions

2.1 Operating modes

This function enables setting the status of calls from Entrance Panels "EP" and Handsets. It is active when the 2.4.2 "Day/Night" function of the configuration menu is set on manual.

NOTE: The top row of the display shows the operating mode of the switch-board:



DAY "EP" CALL STATUS – MANUAL HANDLING:



NIGHT "EP" CALL STATUS – MANUAL HANDLING:

DAY HANDSET "IU" CALL STATUS – MANUAL HANDLING:

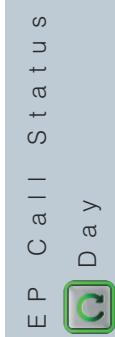


NIGHT HANDSET "IU" CALL STATUS – MANUAL HANDLING:

- Press **OK** to access the main menu
- △ Select the Operating Modes function



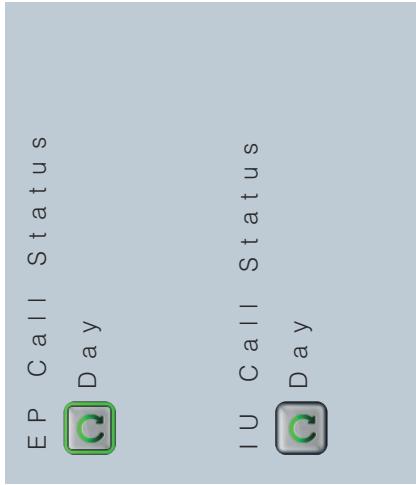
Working Modes



- △ Select the desired function

- Press **OK** to change the status of the Calls from Day to Night.

- Press to exit the menu



- DAY "EP" CALL STATUS: all the calls go through the switchboard, with activation of the "EP" camera (only for "EP" included in the day/night list by the installer).
- NIGHT "EP" CALL STATUS: the call goes directly to the handset.

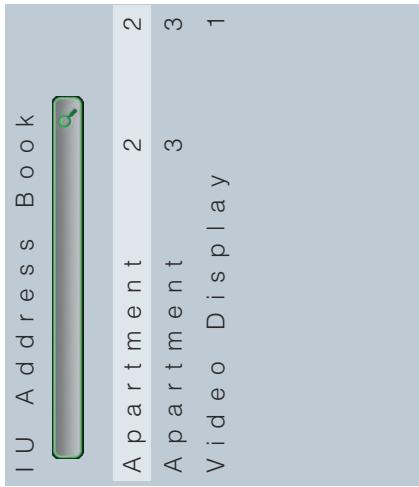
- DAY HANDSET "IU" CALL STATUS: a call is made (intervention request) from the handset to the switchboard.
By lifting the receiver, the switchboard operator automatically recalls the handset, activating the communication.
- NIGHT HANDSET "IU" CALL STATUS: the entrance panel camera is activated.

Switchboard

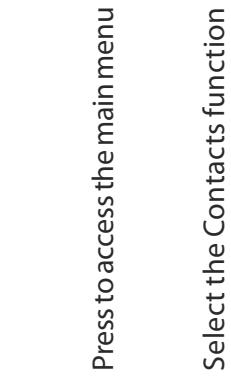
2.2 Contacts

You can display and select the contacts presents in the various directories created previously using the TiSwitchboardDevice software.

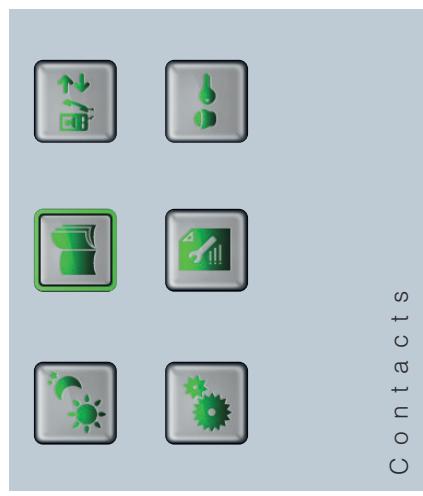
NOTE: During a video door entry system call press  to directly access the directories present.



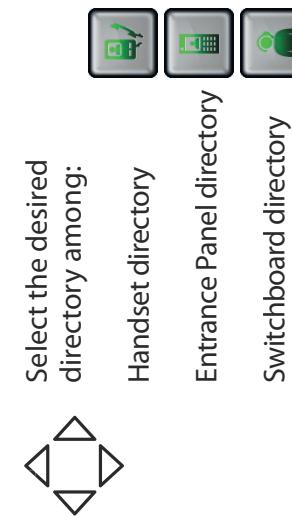
- ◀▶ Select the contact
- ◀▶ Select the contact
- OK Press OK to forward the call.
- OK Press to exit the menu



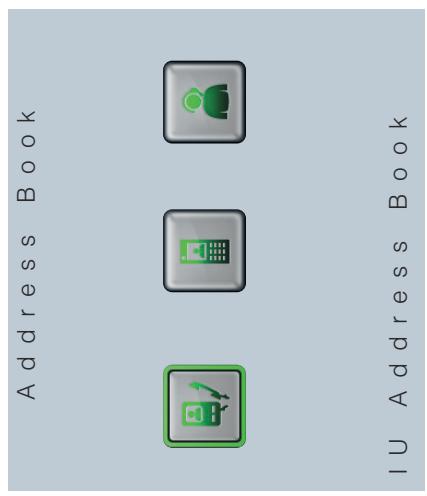
- OK Press to access the main menu
- ◀▶ Select the Contacts function
- OK Press OK to confirm



- NOTE: A quick search bar is also present in all directories, where the user can enter the details of the required contact using the keypad .
- Press a key repeatedly to switch from the letters to the numbers or symbols associated with the key itself.
- Press < to delete the entry made.



- OK Press OK to confirm



2 Advanced functions

2.3 Call log

This function enables displaying up to 6 missed calls, with the possibility of calling the contact back at a later stage.

NOTE: HANDSET "IU": (list of unanswered calls received when the system was free + unanswered calls received when the system was busy.)

NOTE: the last missed call is always visible on the switchboard display.

Missed Calls	
	Video Display 1 4 : 3 2
	No Name 1 0 4
	23 / 11 / 2010 1 5 : 3 7
	No Name 7
	23 / 11 / 2010 1 3 : 4 7
	No Name 0
	23 / 11 / 2010 1 3 : 4 7
	No Name 7
	23 / 11 / 2010 1 3 : 4 7
	No Name 0
	23 / 11 / 2010 1 3 : 4 7

Enter the contact address using the keypad and activate the call using the **OK** key or

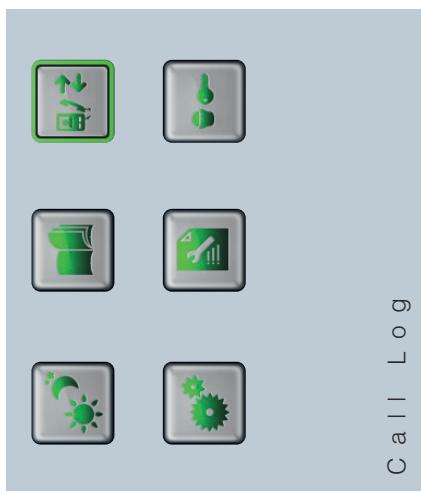
Press to exit the menu

1
25 / 11 / 2010
14 : 3 2

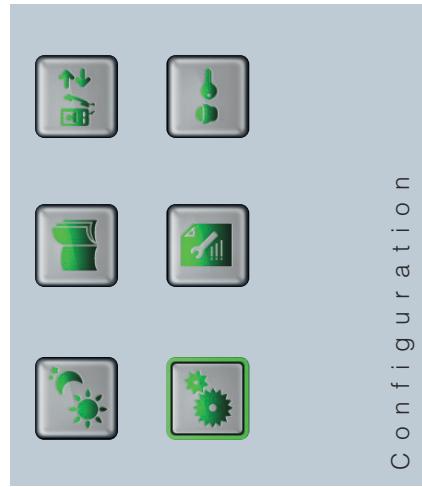
Press **OK** to access the main menu

Select the Call Log function

Press to confirm



Call Log



Configuration



2.4 Configuration

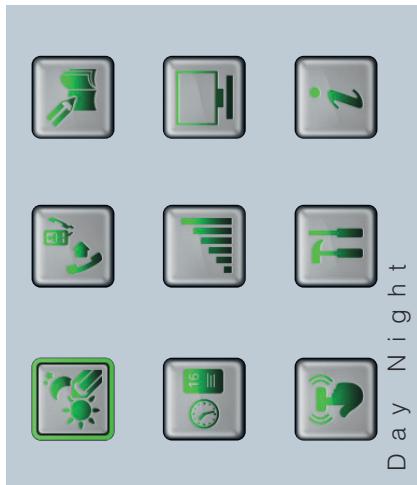
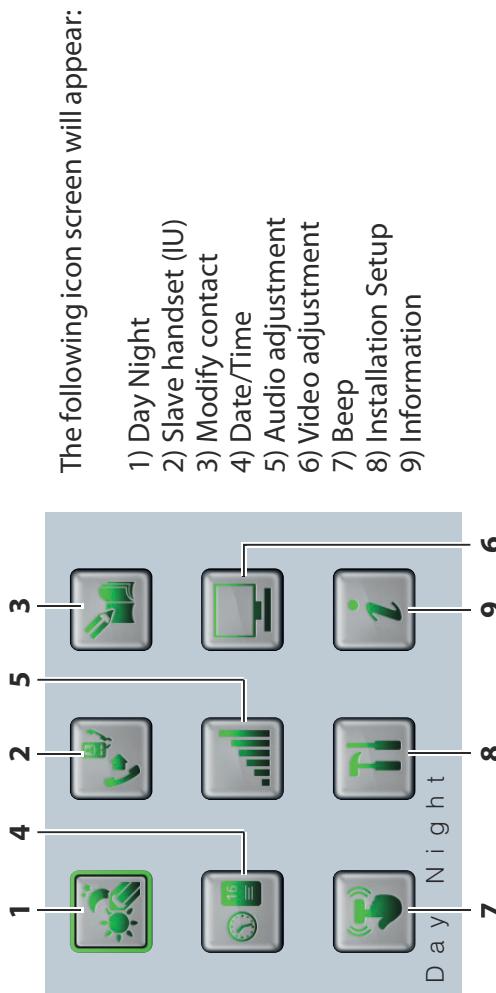
The main menu always shows the CONFIGURATION icon.
Select this icon to access a wide range of customisations that ensure better use of the switchboard.

Press **OK** to access the main menu

Select Configuration in the Main menu

Press **OK** to confirm

Switchboard



2.4.1 Day Night

This function controls the settings of calls from handsets and entrance panels. If on MANUAL, the switchboard operator can decide when to switch from the Day to the Night status or vice versa (see 2.1 operating modes).

If AUTOMATIC, the status switch is dependent on the settings of the time bands configured at the installation stage. The icons in the upper row of the display show the letter A instead of the hand for manual handling.

DAY "EP" CALL STATUS – MANUAL HANDLING:



NIGHT "EP" CALL STATUS – AUTOMATIC HANDLING:

DAY HANDSET "IU" CALL STATUS – AUTOMATIC HANDLING:



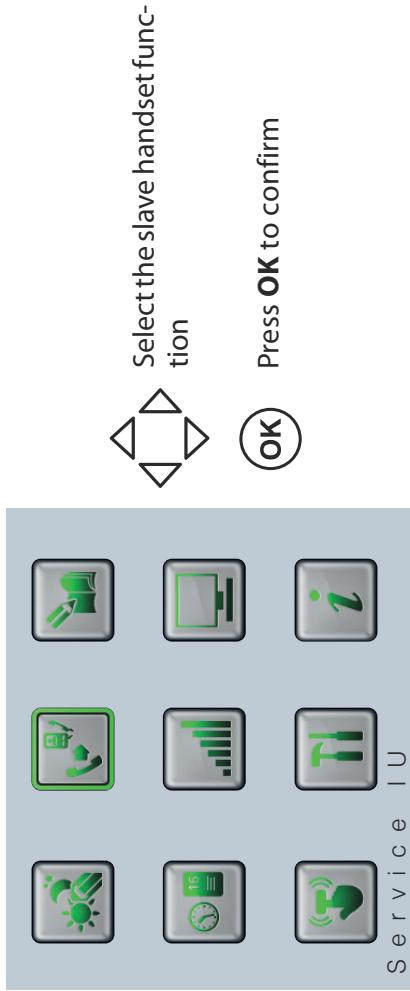
NOTE: For entrance panels the user can decide if the switch from Day to Night status and vice versa shall affect all EPs, only the main EP, or only EPs included in the list entered by the installer.



2 Advanced functions

2.4.2 Slave handset (IU)

If enabled during installation, this function gives the possibility of instructing a handset to temporarily answer the calls received by the switchboard.



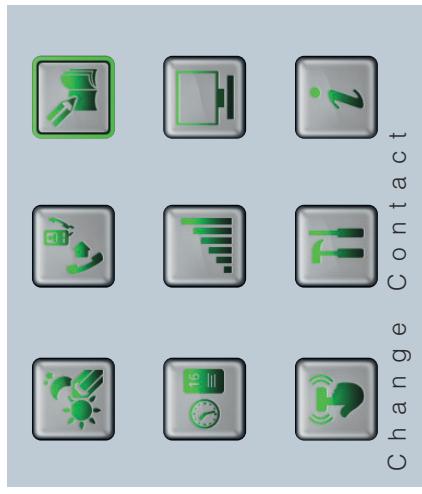
- Select the slave handset function
- Press **OK** to confirm

Press **OK** in succession to select one of the directories:
Handset directory
Entrance Panel directory
Switchboard directory

- Select the Modify Contact function
- Press **OK** to confirm

2.4.3 Modify contact

This function is used to modify the contacts entered during the programming procedure.



- Press **OK** to enable or disable
- When this function is enabled, the corresponding icon appears on the upper row
- Press to exit the menu



Switchboard

Change Contact



Move the cursor to the Modify icon

Press **OK** to display the contacts present

Modify



-	0
Apartment	2
Apartment	3
Apartment	4
Apartment	5
Apartment	6
Apartment	7



Internal Unit

S C S A d d r e s s
L o g i c A d d r e s s
> D e s c r i p t i o n

B l o c k	1
F l o o r	1
A p a r t m e n t	1
S a v e	

Press **OK** to highlight the new entry line.

Use the keypad to enter the new description

Press # to scroll through the different writing modes:
Lower case – Upper case - numeric
To exit numeric mode press and hold down the # key.

Press **OK** to confirm

Move the cursor to **Save**

Press **OK** to save the new description

Press **OK** to exit the menu

2 Advanced functions

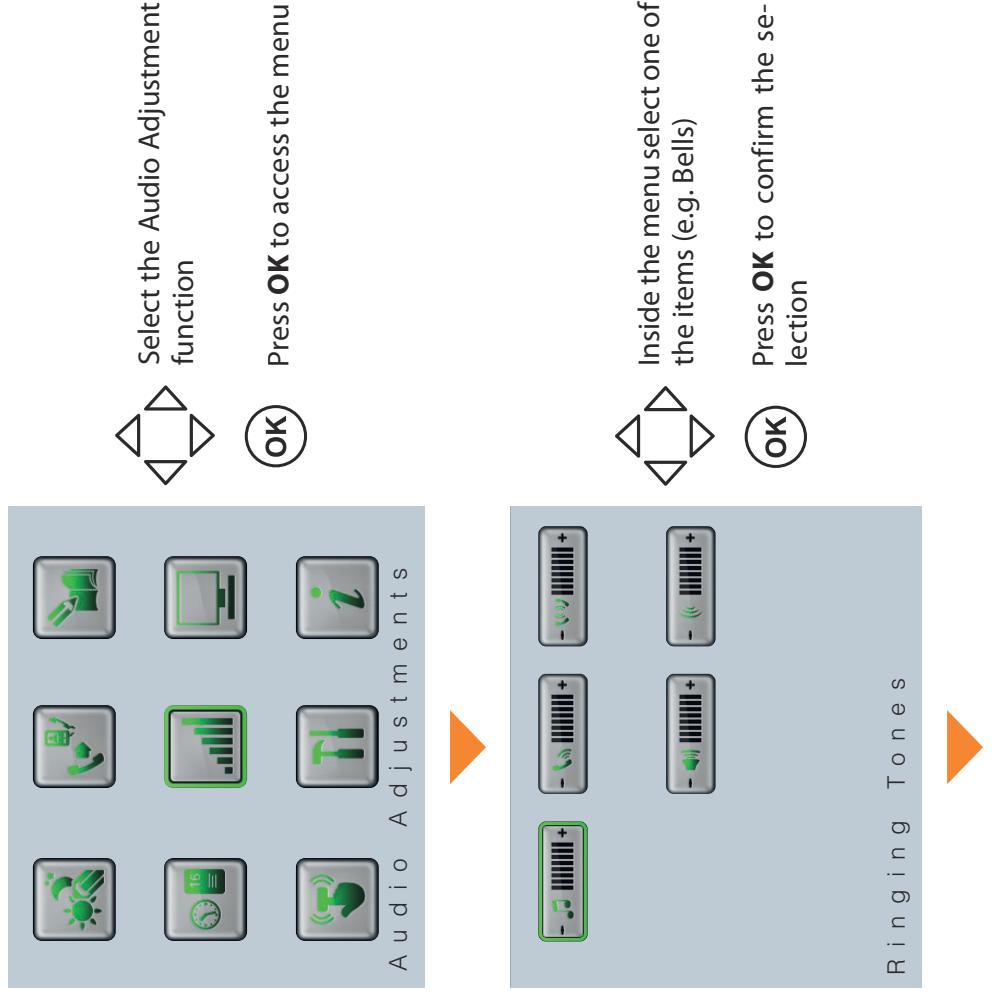
2.4.4 Date/Time

It can be used to set the current date and time.

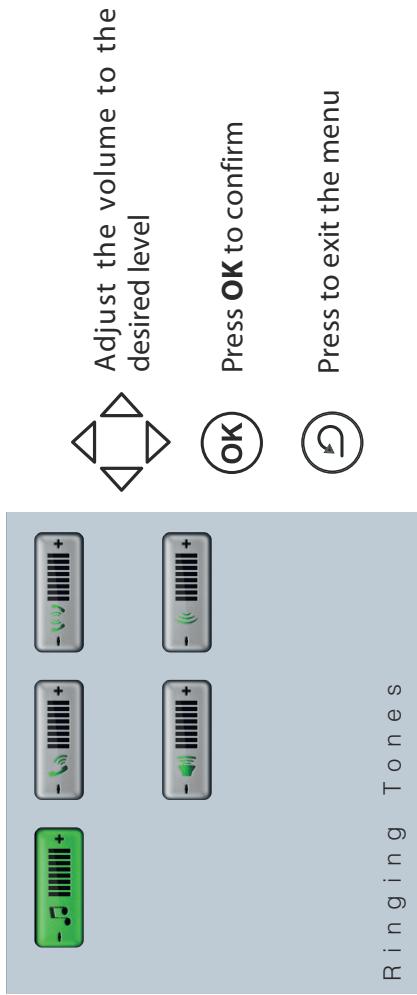


2.4.5 Audio adjustment

It can be used to adjust the audio volume during a video door entry system call.



Switchboard



BELLS: volume level of all bells



HANDSET CALL: audio volume for conversation with the entrance panel using the handset.



HANDSFREE INTERCOM: audio volume for intercom call using the handset.



HANDSFREE CALL: audio volume for conversation with the entrance panel using the handsfree function.

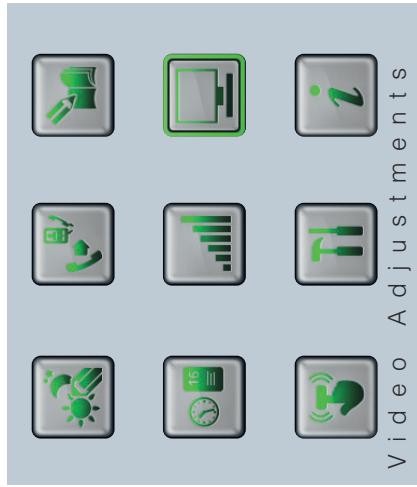


HANDSFREE INTERCOM: audio volume for intercom call using the handsfree function



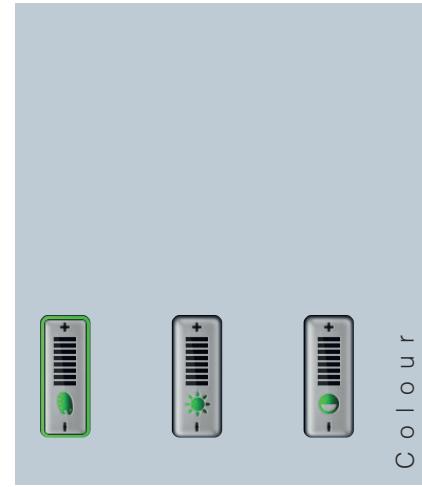
2.4.6 Video adjustment

It can be used to adjust the video settings during a video door entry system calls.



Select the Video Adjustment function

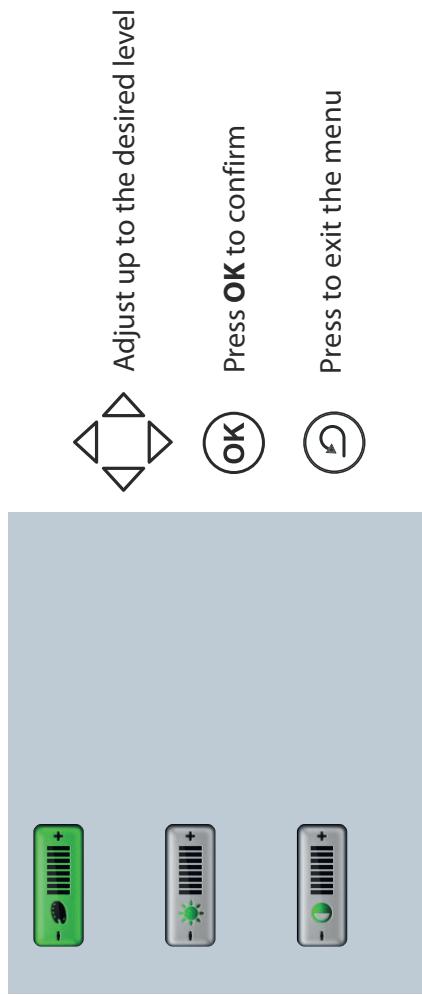
Press **OK** to access the menu



Select one of the items inside the menu (colour - brightness - contrast)

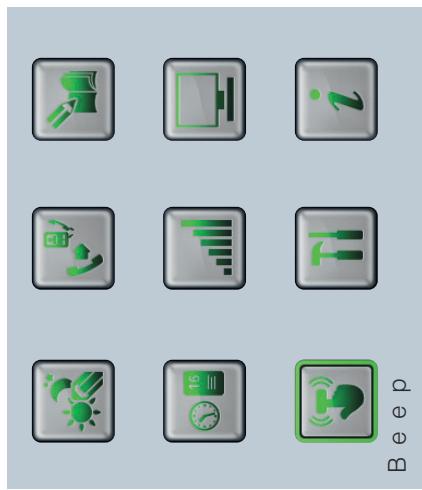
Press **OK** to confirm the selection

2 Advanced functions



2.4.7 Beep

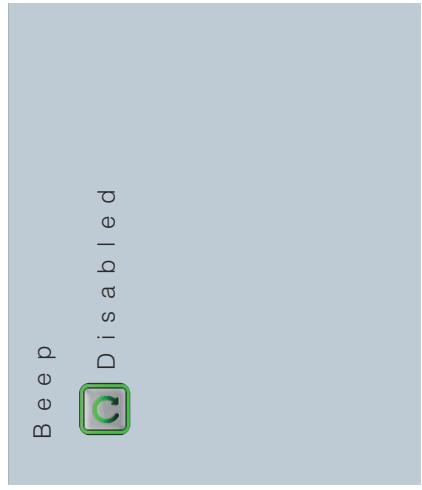
Enable/disable the sound emitted when a key is pressed.



2.4.8 Installation Setup

Access to the INSTALLATION SETUP menu is password protected and is only reserved for the installer.

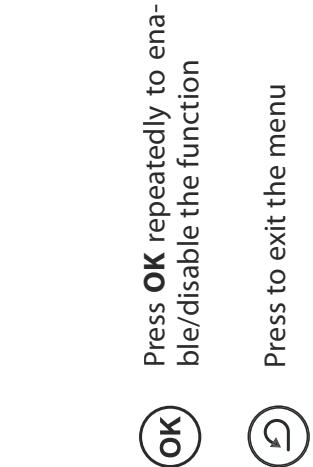
Wrong actions may compromise the operation of the switchboard.
For a detailed description of the Installation Setup menu functions see the Installer Manual.



Press **OK** repeatedly to enable/disable the function

Press **OK** to confirm

Press to exit the menu



Press **OK** repeatedly to enable/disable the function

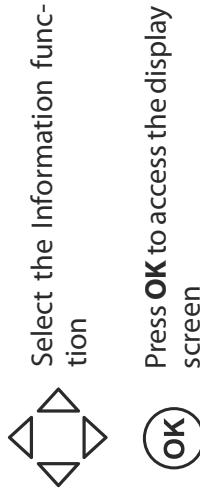
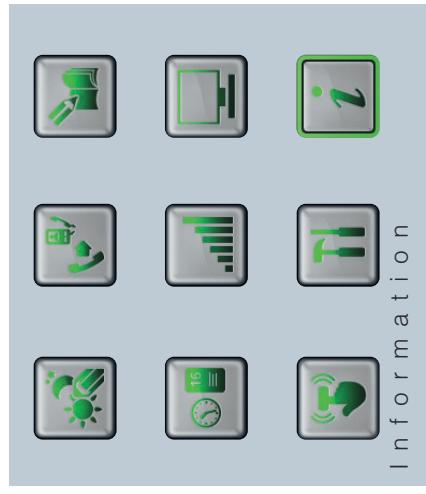
Press **OK** to confirm

Press to exit the menu

Switchboard

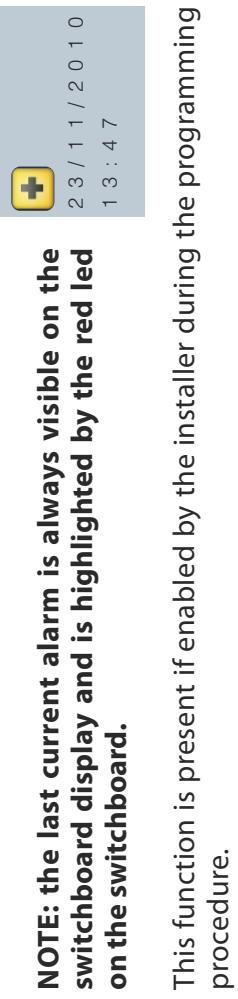
2.4.9 Information

This function is used to display some basic information on the status of the switchboard.

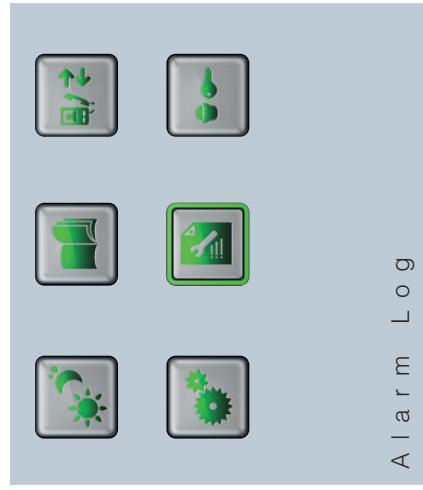


2.5 Alarm log

This section is used to manage alarms from apartments or common areas. The alarms received are processed by the Switchboard, and closed after the necessary operations have been carried out. Alarm related events and their characteristics can also be displayed in the Events Log section.



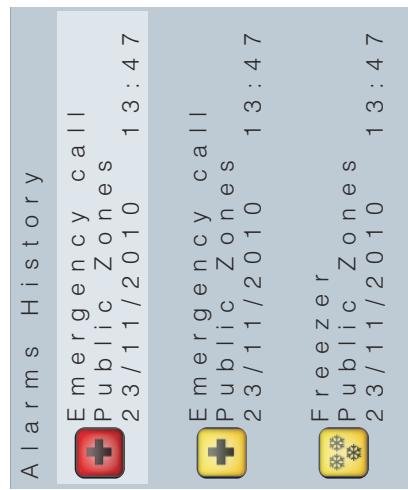
This function is present if enabled by the installer during the programming procedure.



Press to exit the menu

Information	
Language:	English
Local Address:	0
Associated EP:	0
Slave IU Address:	0
Address Book Usage:	0 0 0 %
Associated Camera:	No
Fw Version:	0 . 3 . 0 5
Hw Version:	1 . 1 . 0

2 Advanced functions



Scroll and select the desired event

Current alarms are highlighted by the corresponding symbol with a red background.

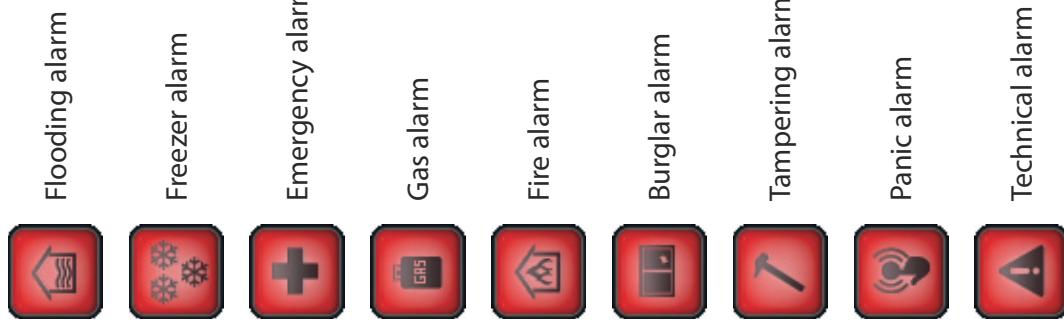
The switchboard operator can take charge of the issue, and therefore of its resolution, by pressing the **OK** key. The corresponding icon becomes yellow to indicate that the alarm is being dealt with. Once the problem has been resolved, select the alarm and press **OK**.

The icon turns from yellow to green, to indicate that the alarm has been resolved. If necessary, it will be possible to take charge of the alarm by selecting it and pressing **OK** again.



Press to exit the menu

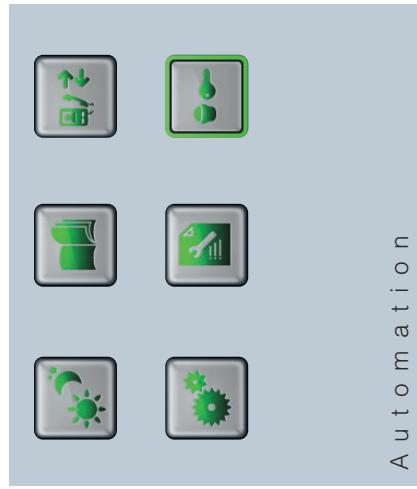
Legend - Alarm icons



Switchboard

2.6 Automations

With the switchboard idle, this function can be used to open one of the door locks other than the associated entrance panel, configured during the programming stage.



Press **OK** to access the main menu

Select the Automations function

Press **OK** to confirm

Select the desired door lock

Press **OK** to activate the automation

Press to exit the menu

SCS Addr.	Description	Riser
6	> Door 1	8
2	-	1
3	-	1
4	-	1
5	-	1

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