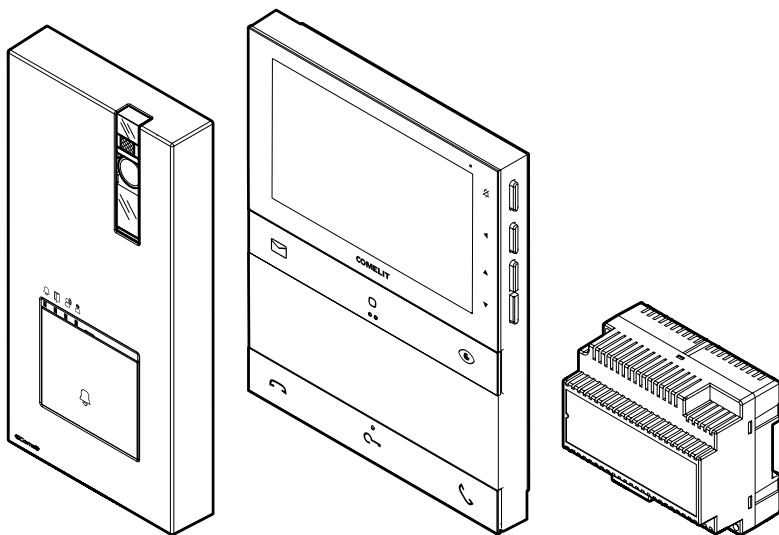


People
PL8431V

COMELIT
WITH • YOU • ALWAYS

FULL TECHNICAL MANUAL



**Join us
in taking care
of our planet**

5" Quadra and People kit with video memo art. PL8431V for Simplebus 2 system

Single-family kit consisting of Quadra series entrance panel art. 4893M and 5" hands-free door People series entry monitor art. PL6731 for Simplebus 2 system.

The entrance panel is supplied with call buttons to expand the kit for up to 4 residences.

The system can also be expanded with additional door entry monitors and entrance panels (available to purchase separately); for further information please refer to the technical documentation.

The kit is supplied pre-programmed, ready to use and with all the accessories required to create the system.

Suitable for installation in homes, commercial premises or offices.



**Think before you
print**

**and use the
interactive links**



Help us to save the planet.

Think of the planet before printing this document.

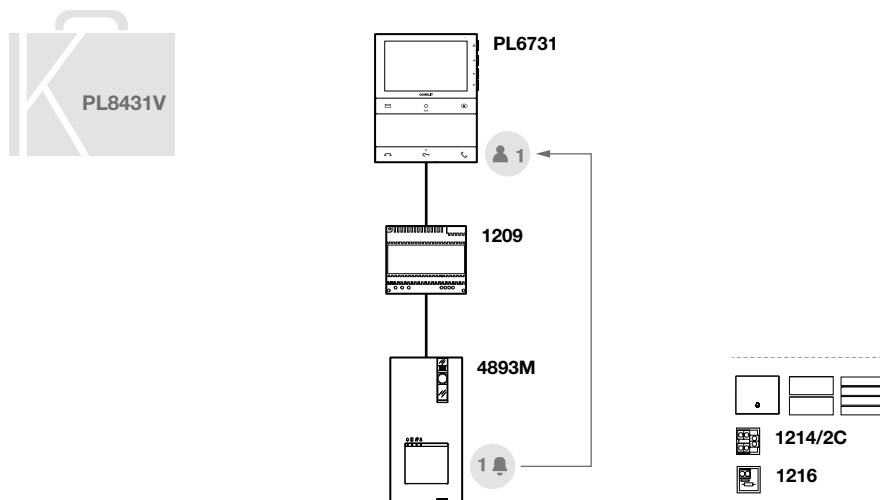
You are reading an interactive document: quickly access the content you are interested in via links.

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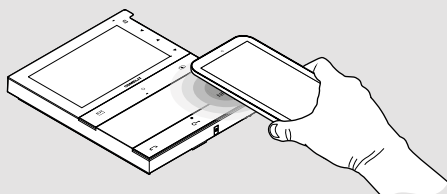
Kit art. PL8431V

The kit components are supplied pre-programmed to work as a single-family setup.

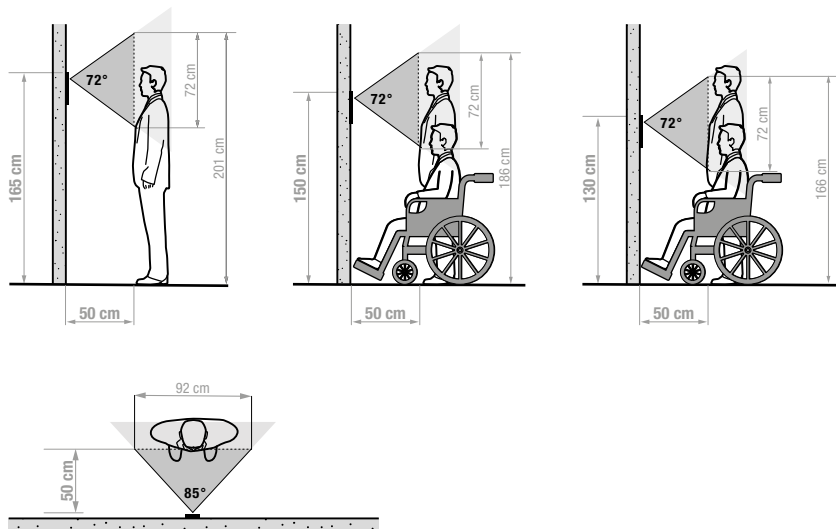


The door entry monitor has an NFC connection which means it can be programmed quickly and easily via the MyComelit app, available to download free of charge.
Programming can even take place while the door entry monitor is off!

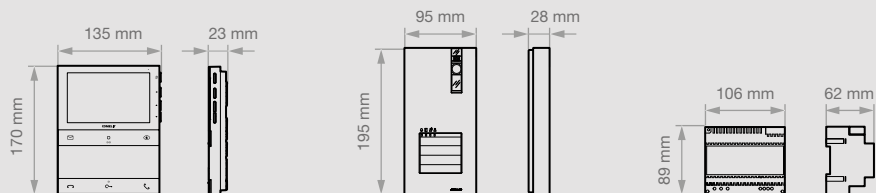
The door entry monitor can nevertheless be used to program the user code via dip-switch and customise programming using the menu.



Notes for the installer



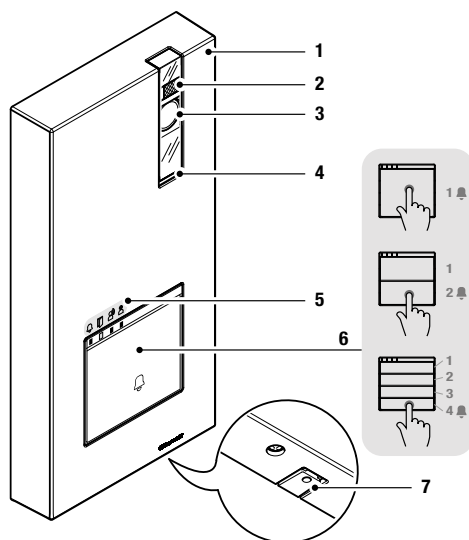
The camera must not be installed in front of light sources, or in places where the filmed subject is against the light. In dim environments, we recommend additional lighting is provided.



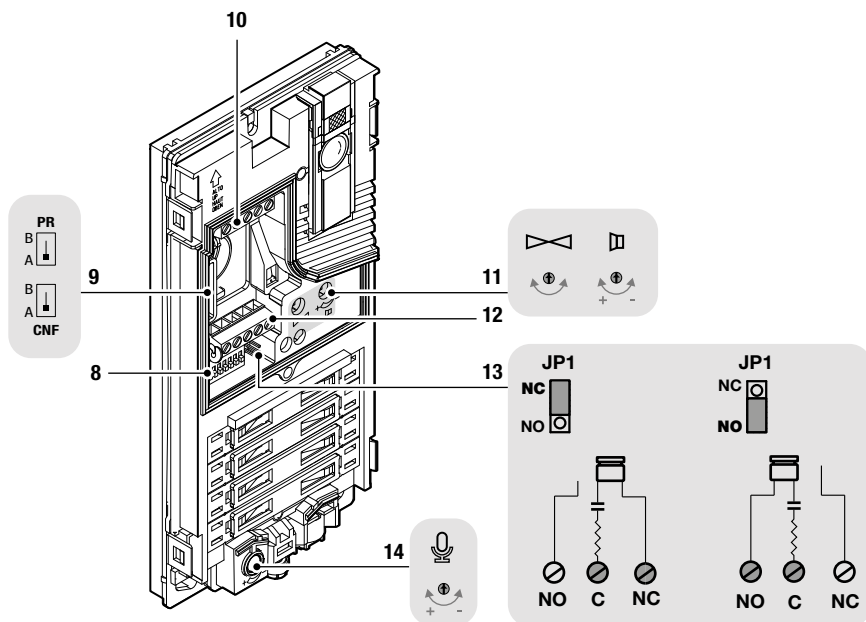
Art. 4893M

Description

Wall-mounted external unit for Quadra series door entry monitor. Die-cast aluminium front panel, wide-angle colour video camera and single LED for night-time lighting. Mechanical buttons with the option of setting 1 to 4 call buttons via DIP-switch. Indicator LED for call sent, lock-release activated, audio activated and system busy. Loudspeaker volume adjustment and audio balancing. Bus line power supply. Dimensions: 95x195x28 mm.



1. Die-cast aluminium cover.
2. Default camera lighting LED, call activated (see Entrance panel settings on page 12).
3. Wide-angle colour video camera.
4. Speaker.
5. Indicator LED:
 - call sent / lock-release activated
 - audio activated / system busy.
6. Call button 1 / 2 / 4 users.
7. Microphone.

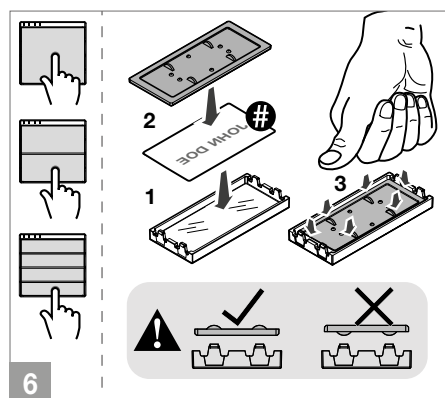
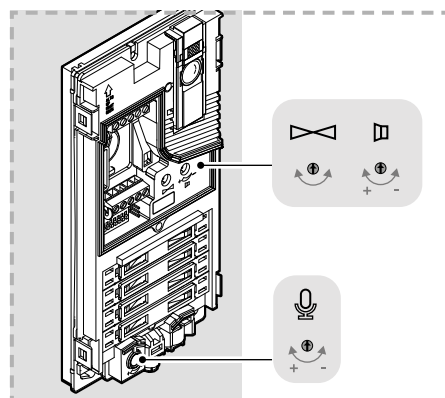
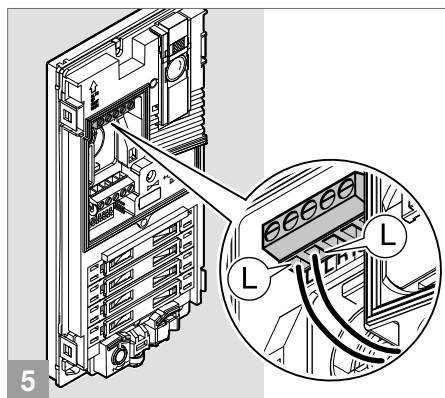
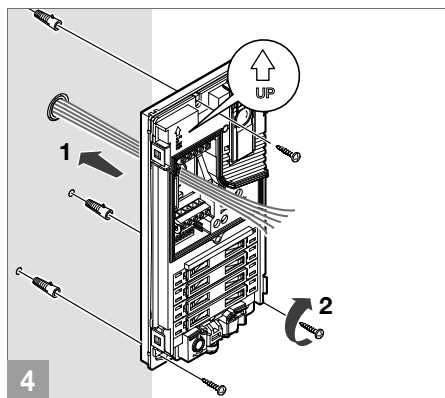
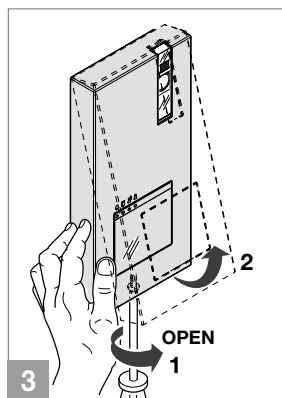
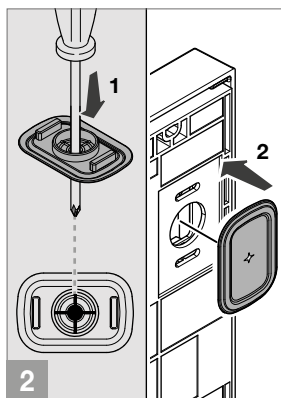
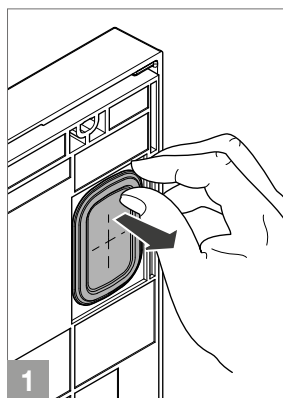


8. **DIP-SWITCH** for function programming.
9. **PR** programming input/output switch.
CNF programming confirmation switch.
10. Terminal block **M1**:
LL bus line connection.
RTE request to exit button input.
COM common input for RTE and DO contacts.
DO door open indication input.
11. Audio balancing and loudspeaker volume adjustment.
12. Terminal block **M2**:
SE- SE+ connection for electric door lock.
NC NO C relay contacts.
13. **JP1** enabling the RC network for door lock filter on relay contacts.
14. Microphone volume control.

Technical specifications

GENERAL DATA	
Type	Complete unit
Height (mm)	195
Width (mm)	95
Depth (mm)	28
Product weight (g)	300
Product colour	Grey RAL 9006, Black RAL9005
Surface mounting	Yes
COMPATIBLE SYSTEMS	
Simplebus 2 audio/video kit with power supply unit art. 1209	Yes
AUDIO SPECIFICATIONS	
Microphone	6 mm (ø), Omnidirectional
Loudspeaker	36 mm (ø), 8 Ohm, 1W
CAMERA FEATURES	
Camera	Colour
Sensor type	1/4" CMOS
Fixed lens dimensions (mm)	2.1
Viewing angle (H x V - °)	85 x 72
Sensitivity (lux)	0.1 (colours)
ELECTRICAL SPECIFICATIONS	
Type of power supply	Power supply via video entry bus
Power supply voltage	33 VDC
Maximum absorption (W)	8.25
HARDWARE SPECIFICATIONS	
Call type	Buttons
Type of buttons	Mechanical
Number of buttons	4
Backlighting colour	White
Terminals	LL RTE COM DO SE- SE+C NC NO
Number of inputs	2
Number of outputs	2
Output type	Relay (C-NO-NC, 10A@12-24 VAC/VDC), SE: 4A unlock pulse, maintenance current 200 mA for 12 VAC/DC door locks (maximum impedance 18 Ohm)
SETTINGS	
Loudspeaker volume	Yes
Mic volume	Yes
ENVIRONMENTAL AND CONFORMITY SPECIFICATIONS	
IP protection rating	IP54
IK anti-vandal protection rating	IK08
Operating temperature	-25 to 55
Operating humidity (max. RH)	25 to 95
Environmental class	IV
CE certification	RoHS II - 2011/65/EU (EN IEC 63000:2018), EMC 2014/30/EU (EN 61000-6-1:2007, EN 61000-6-3:2007+A1:2011)
MAIN FUNCTIONS	
Lock-release	Yes
Number of auxiliary relays	1
Input for local key button	Yes
Input for door open indication	Yes

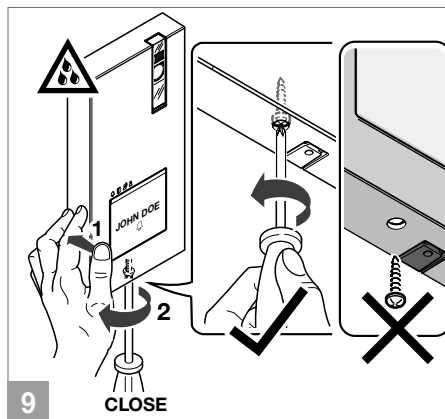
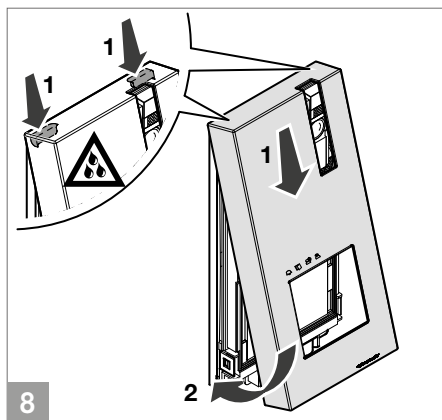
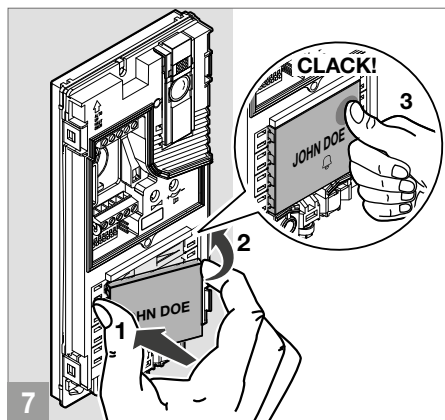
Installation



You can download the free software (art. 1235A) to print the entrance panel name cards, using the adhesive pre-cut sheets available in our catalogue (art. 1217A).

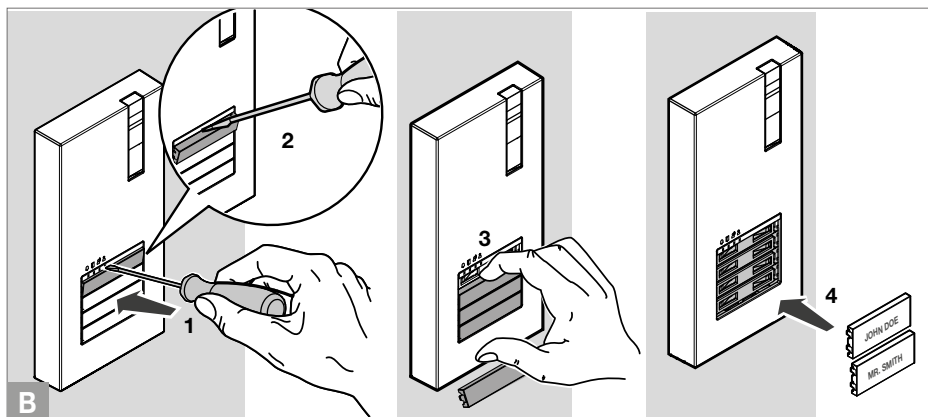
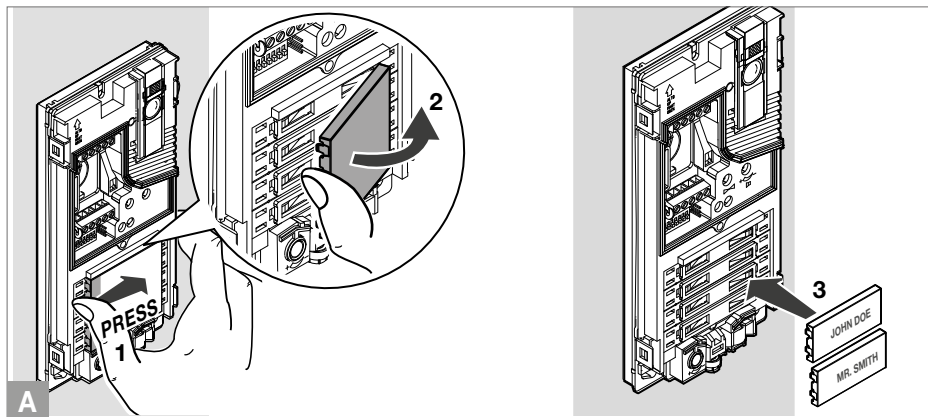


Before securing the screw, make sure that you do not need to program the external unit and make sure that the metal front panel does not rub against other metal parts, with consequent risk of damage to its insulating coating. While the system is running, take care not to accidentally call users when replacing the nameplate labels.



To guarantee the product is water-tight: fit it properly.

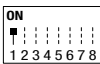
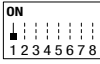
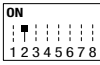
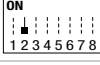
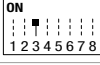
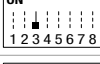
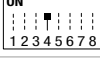
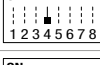
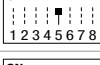
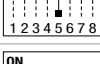
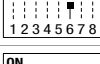
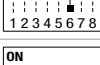
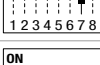
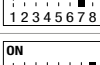
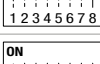
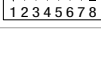
CHANGING NAMEPLATES



Programming

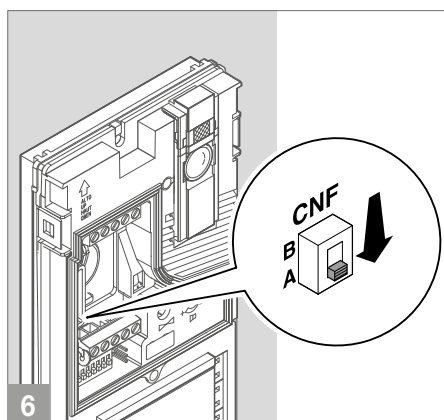
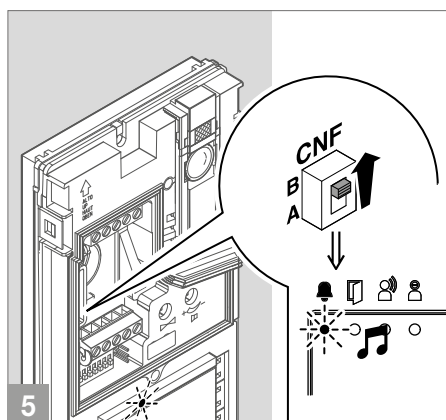
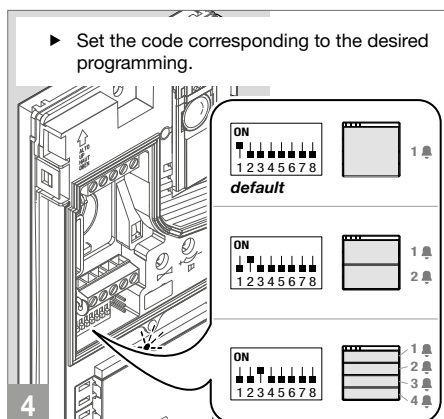
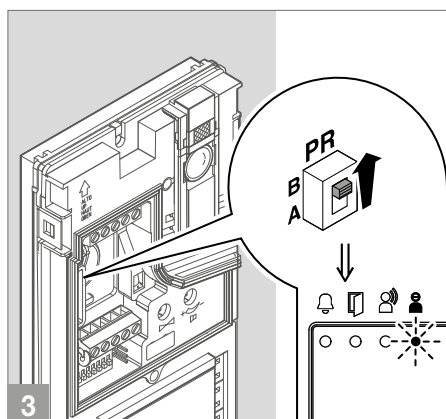
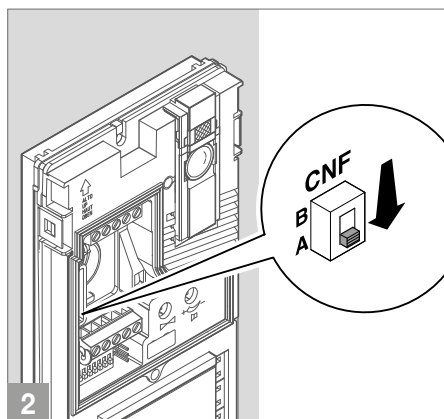
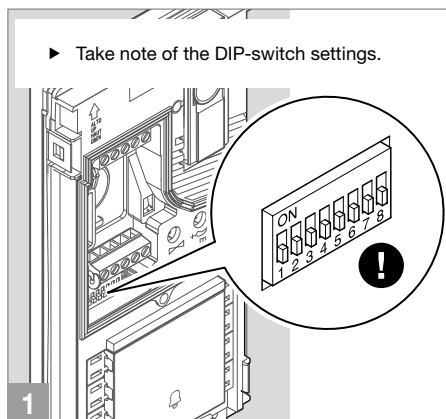
ENTRANCE PANEL SETTINGS

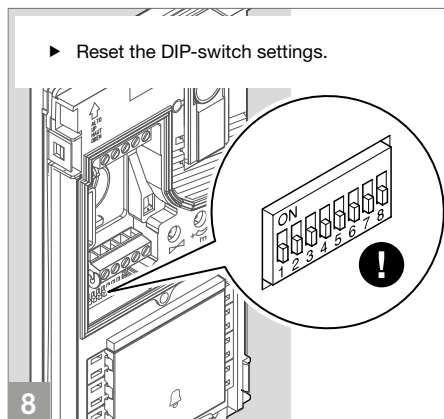
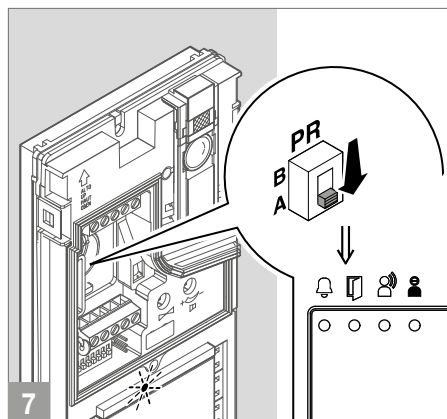
- Permanently set the S1 DIP-switches corresponding to the function you want to program in accordance with the table below (you do not need to enter programming mode)

			FUNCTION
DIP 1			The SE output and the C-NO relay are controlled by 2 separate buttons on the door entry monitor: the key button (SE) and the generic actuator button (C-NO)
	 default		The SE output and the C-NO relay are controlled by a single button on the door entry monitor: the key button
DIP 2			Lock-release activation time: 8 seconds
	 default		Lock-release activation time: 2 seconds
DIP 3			Relay activation time: 8 seconds
	 default		Relay activation time: 2 seconds
DIP 4			Awaiting reset time: 1 second
	 default		Awaiting reset time: 10 seconds
DIP 5			Call transmission: TRIPLE
	 default		Call transmission: SINGLE
DIP 6			Confirmation tones (call, lock-release, relay, audio enabled): DISABLED
	 default		Confirmation tones (call, lock-release, relay, audio enabled): ENABLED
DIP 7			Camera lighting LED: DISABLED
	 default		Camera lighting LED: ENABLED
DIP 8			LED lighting of name-holder front panels: OFF
	 default		LED lighting of name-holder front panels: ON

PROGRAMMING CALL CODES FOR TWO-FAMILY AND FOUR-FAMILY VERSION

► Take note of the DIP-switch settings.





PROGRAMMING AN ADDITIONAL ENTRANCE PANEL

With switching device art. 1405, only one additional entrance panel may be installed.

Program the entrance panel as **Main P** or **Secondary S**:

- **The Main entrance panel** carries out lock-release (or actuator) commands only when it is in call or self-ignition mode.
- **The Secondary entrance panel** carries out lock-release (or actuator) commands whether it is in standby or in call or self-ignition mode.
- If the system is in standby mode the first self-ignition command will activate the camera of the secondary entrance panel. Further commands switch between the two entrance panels, activating the main entrance panel and the secondary entrance panel alternately.

With switching device art. 1404 (default), more than one additional entrance panel may be installed.

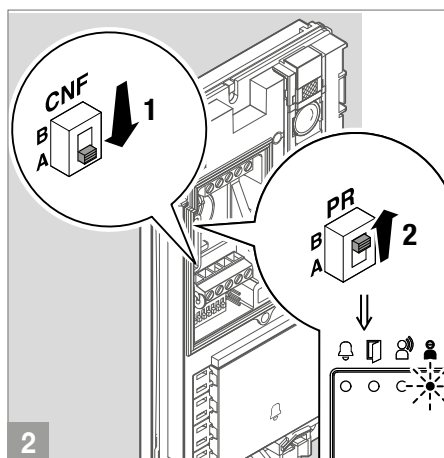
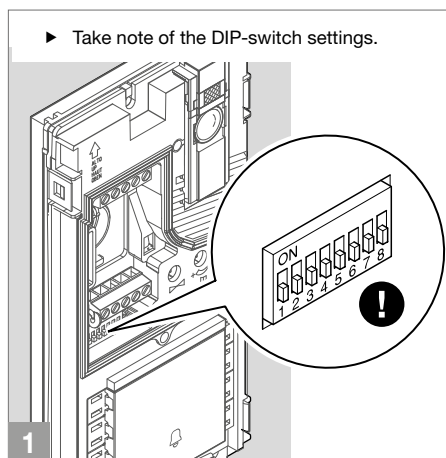
In the configuration of art. 1404, MIN and MAX DIP-switches respectively define the lowest and highest user codes which can be connected to the riser. For information on setting the desired values, refer to Table of user codes on page 58.

Separate switching devices for different risers must manage code ranges which are not overlapping.

When the system is in standby mode, the first self-ignition command activates the camera of the entrance panel connected to the LS LS terminals. Further transmissions enable the toggle function between (max.) 2 entrance panels, activating them in turn.

Please refer to the full manual for product 1404, which is available to download from the website **pro.comelitgroup.com**

All the entrance panels must be programmed as shown below:



Set the DIP-switch according to your A-B-C system. ➔

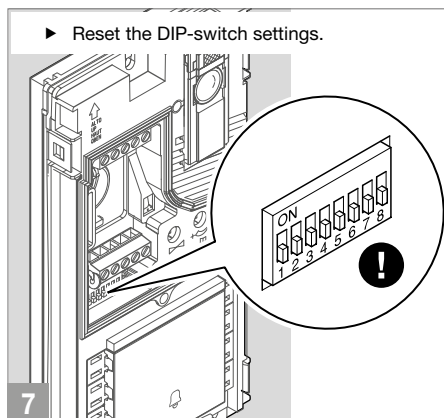
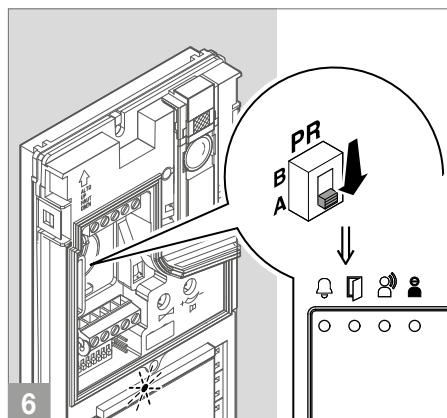
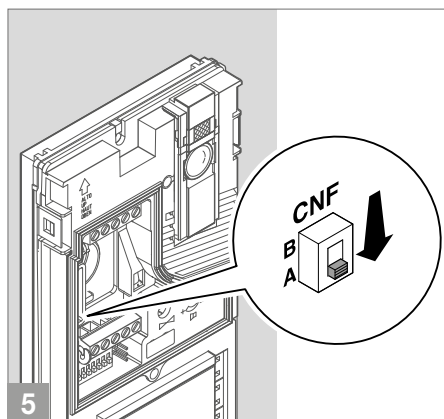
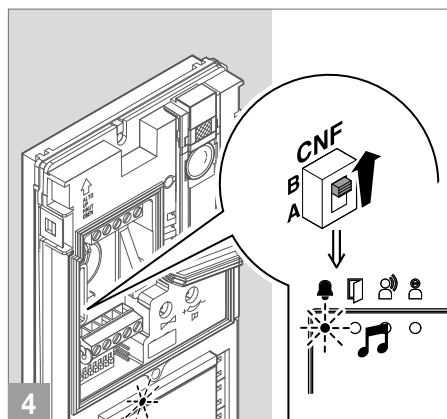
	System type	DIP	code	
A)		1405	 ON 1 2 3 4 5 6 7 8	32
B)		1405	 ON 1 2 3 4 5 6 7 8	16
C)		1404	 ON 1 2 3 4 5 6 7 8	8

DEFAULT

example A CODE 32

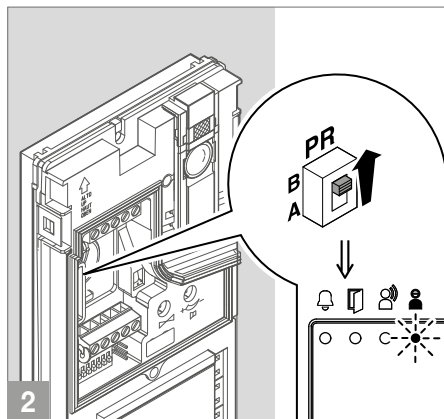
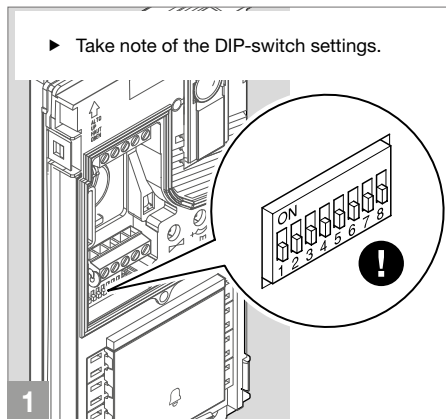
ON 1 2 3 4 5 6 7 8

3

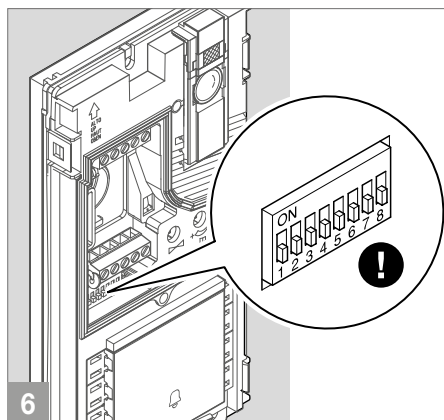
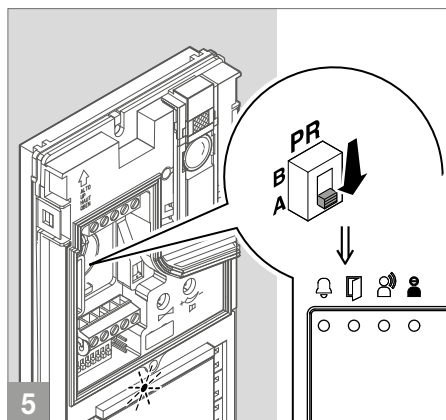
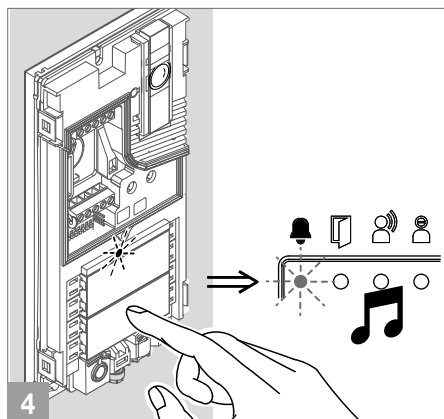
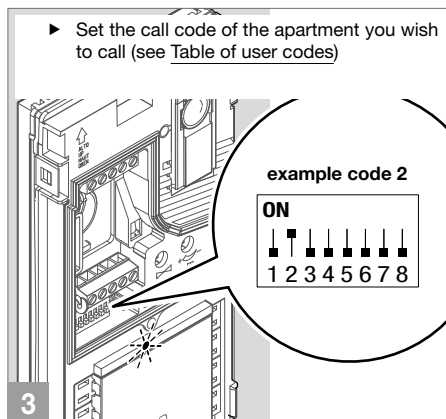


PROGRAMMING THE DESIRED CALL ADDRESS

- Take note of the DIP-switch settings.

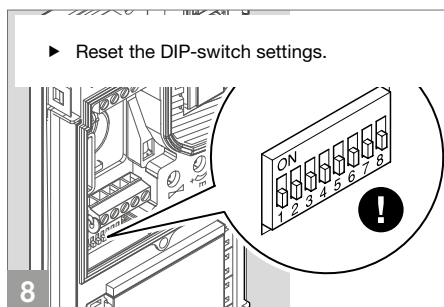
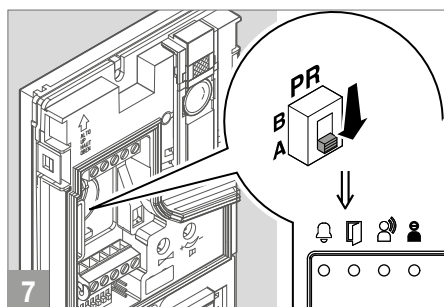
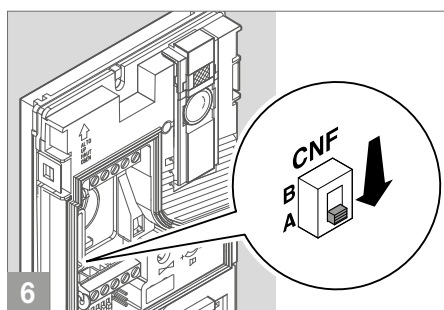
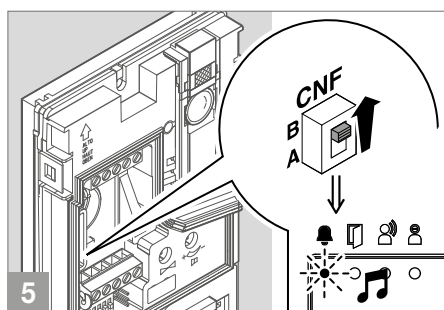
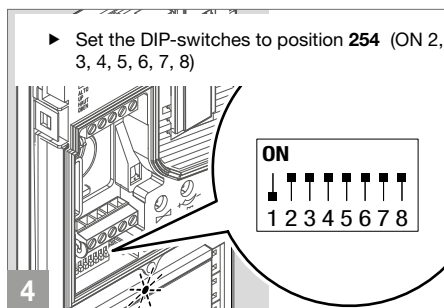
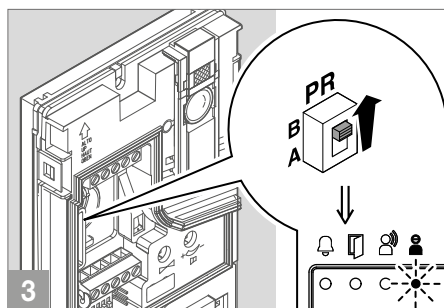
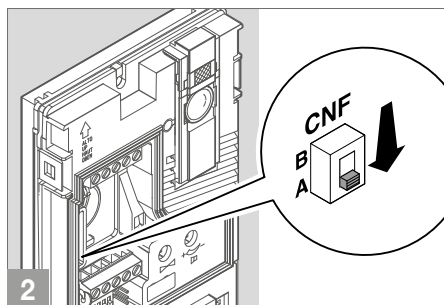
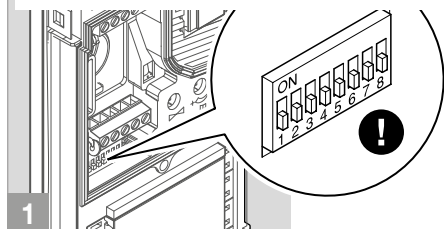


- Set the call code of the apartment you wish to call (see Table of user codes)



RESTORE DEFAULT

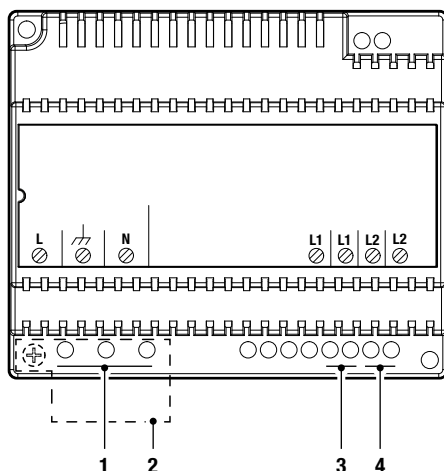
► Take note of the DIP-switch settings.



Art. 1209

Description

33 VDC power supply unit for Simplebus 2 KIT, for direct connection to the external unit and internal unit. Equipped with overload and short circuit protection. Input voltage 110-240 VAC. Dimensions: 106 x 62 x 89 mm (6 DIN modules).



1. **L N** mains power input 110-240 V~.
2. Terminal protection.
3. **L1 L1** main bus line output (31 V ~).
4. **L2 L2** riser bus line input (31 V ~).



Appliance exclusively for indoor use. Risk of electric shock; proceed with caution.
Install inside a closed electrical panel so that it may only be accessed by authorised personnel.

A suitable omnipolar switch with a contact opening of at least 3 mm must be installed upstream of the video entry phone system.

- Disconnect the power supply before carrying out any operations on the wiring.
- Replace the protections on the terminals.
- Do not obstruct the ventilation and cooling slots or apertures.

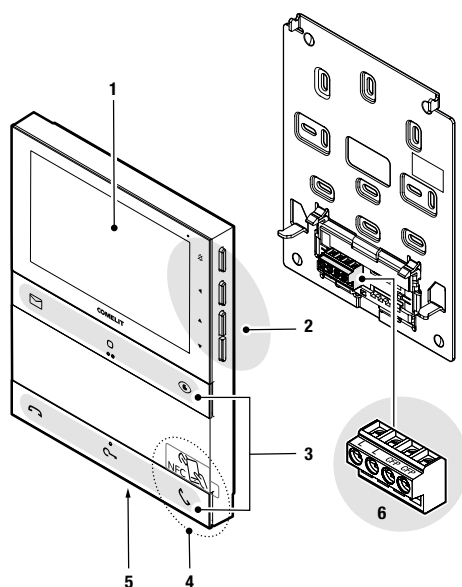
Technical specifications

MAIN FEATURES	
Power supply voltage	110-240 VAC
Max. current delivered (A)	1.2
Applicable to DIN rail	Yes
Number of DIN modules	6
GENERAL DATA	
Height (mm)	62
Width (mm)	106
Depth (mm)	89
Coating material type	Plastic
Product colour	White
Operating temperature (°C)	-5 to 40
Operating humidity (max. RH) (%)	25 to 95
COMPATIBILITY	
Audio/Video Kit system	Yes
ELECTRICAL SPECIFICATIONS	
Maximum power delivered (W)	37

Art. PL6731

Description

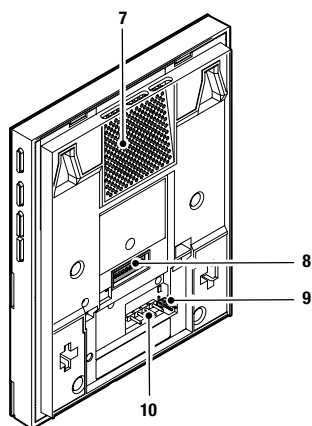
People series colour door entry monitor for Simplebus 2 system. Hands-free version with 5" / 16:9 screen. The door entry monitor can be programmed, even when switched off, via smartphone using the MyComelit app, which is available to download free of charge. It is supplied with a metal surface mounting backplate for stable and strong fixing, and with a line distribution terminal. It has 6 mechanical buttons on the front, with icons identifying their factory set functions. 3 of the buttons are backlit to ensure ease of use: green for the 'audio' function, red for the 'end communication' function, and white for the 'electric lock' function. 3 buttons are programmable and pre-configured to display images from the video memory, to control an actuator, and to perform self activation. The middle buttons of each row have touch guides for sight-impaired users. On the right-hand side of the door entry monitor there are buttons for activating Silent mode with a red indicator light and corresponding icon, plus buttons for accessing the menu used to adjust the brightness, contrast, colour and ringtone volume values. It comes as standard with a floor door call that can also be programmed for other functions. Dimensions (L x H x D): 135 x 170 x 23 mm.



1. 5" / 16:9 LCD screen.
2. Mechanical side buttons.
3. Mechanical front buttons, with touch guides for sight impaired users on the middle buttons of each row.
4. NFC detection area, identified by a removable sticker.
5. Microphone.
6. Connection terminal block:

L L Terminals for bus line connection.

CFP CFP Terminals for floor door call connection.



- 7. Speaker.
- 8. Dip-switch for programming the user code.
- 9. **CV5** Jumper for video closure.
- 10. Pin for securing the terminal block.

FRONT BUTTONS - FACTORY PROGRAMMING



Video memo ★

- ▶ Press the button to view the recorded video.



Generic actuator ★

- ▶ Press the button to activate a generic actuator (art. 1256) or the relay for the external entrance panel.



Self-activation ★

- ▶ Press the button to access real-time viewing of the images on the external entrance panel camera.



End of communication

- ▶ Press the button to end the audio communication.





Lock-release ★

- ▶ Press the button to activate the door lock.

Automatic lock-release on receipt of call

This button can also be used to enable "Auto lock-release on receipt of call", which allows automatic activation of the lock-release relay on receipt of a call originating from the external entrance panel.

- √ The function must be authorised by the installer using the MyComelit app or via the installer menu on the door entry monitor.
- ▶ When the door entry monitor is in standby, press  for 5 seconds to enable/disable "Automatic lock-release on receipt of call" mode.
 - » A confirmation tone will play.
 - » The text "AUTO LOCK-RELEASE ACTIVATED/DEACTIVATED" appears on the door entry monitor display for 3 seconds.
 - » The steadily lit LED  indicates that the function is active.





Start communication (speech button)

- ▶ Press the button to activate communication.

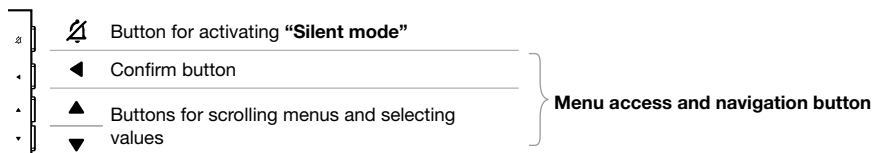
Automatic answer

This button can also be used to enable "Automatic answer", which allows automatic activation of the audio on receipt of a call originating from the external entrance panel.


- √ The function must be authorised by the installer using the MyComelit app or via the installer menu on the door entry monitor.
- ▶ When the door entry monitor is in standby, press  for 5 seconds to enable/disable "Automatic answer" mode.
 - » A confirmation tone will play.
 - » The text "AUTOMATIC ANSWER ACTIVATED/DEACTIVATED" appears on the door entry monitor display for 3 seconds.
 - » The steadily lit LED  indicates that the function is active.

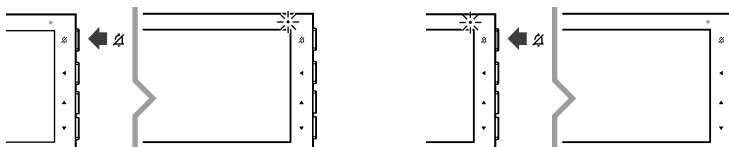
★ To change the factory programming for the buttons, please refer to the chapter Programming the door entry monitor on page 36.

SIDE BUTTONS



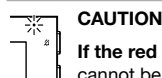
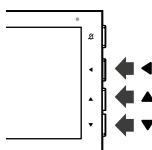
ACTIVATING "SILENT MODE"

- Press  to activate/deactivate **Silent mode**.
- » *The red LED indicates that the function is active.*



ACCESSING AND NAVIGATING MENUS

- Press **one** of the following buttons to access the **user menu**.







CAUTION

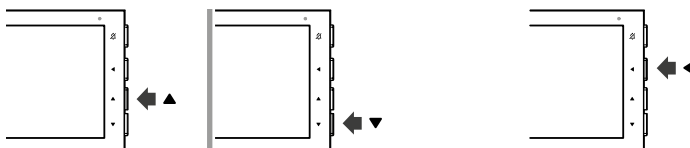
If the red LED flashes 4 times, this means that the system is busy and that the user menu cannot be accessed at this time.






















CAUTION








If the  icon appears while you are navigating the user menu and the door entry monitor switches off, this means that the system is busy and you cannot navigate the user menu at this time.

- Press  and  to scroll through the menu and/or select the values, then press  to confirm the selection.








User menu options

	EXIT	Select this menu to exit the user menu and scan the QR code to access the online documentation.
	VIDEO MEMO	Select this menu to access the log of recordings and to view them (up to 30 video memos can be stored).
	SETTINGS	Select this menu to access the submenus that are used to adjust the following parameters:
	BACK	Select this menu to return to the main menu.
	RINGTONE VOLUME SETTINGS	Select this menu to adjust the ringtone volume.
	RINGTONE SETTINGS	Select this menu to configure the ringtone melody as desired for calls from the external entrance panel.
	AUDIO VOLUME SETTINGS	Select this menu to adjust the speaker volume.
	BRIGHTNESS SETTINGS	Select this menu to adjust the display brightness.
	CONTRAST SETTINGS	Select this menu to adjust the display contrast.
	COLOUR SETTINGS	Select this menu to adjust the display colours.
	SILENT MODE	<p>Select this menu to configure the function activation MODE and the operating time band PROGRAMMING:</p> <ul style="list-style-type: none"> • MANUAL: in this mode, silent mode activation/deactivation is managed by pressing . • AUTOMATIC: in this mode, silent mode activation/deactivation is managed by means of time bands programmed via the user menu. * <p>» When the mode is enabled the  LED is lit.</p> <p>√ The function must be authorised by the installer using the MyComelit app or via the installer menu on the door entry monitor.</p> <p>Select this menu to configure the function activation MODE and the operating time band PROGRAMMING:</p>
	AUTO LOCK-RELEASE	<ul style="list-style-type: none"> • MANUAL: in this mode, auto lock-release activation/deactivation is managed by pressing and holding (5 sec.) . • AUTOMATIC: in this mode, auto lock-release activation/deactivation is managed by means of time bands programmed via the user menu. * <p>» When the mode is enabled the  LED is lit.</p> <p>√ The function must be authorised by the installer using the MyComelit app or via the installer menu on the door entry monitor.</p> <p>Select this menu to configure the function activation MODE and the operating time band PROGRAMMING:</p>
	AUTOMATIC ANSWER	<ul style="list-style-type: none"> • MANUAL: in this mode, automatic answer activation/deactivation is managed by pressing and holding (5 sec.) . • AUTOMATIC: in this mode, automatic answer activation/deactivation is managed by means of time bands programmed via the user menu. * <p>» When the mode is enabled the  LED is lit.</p>

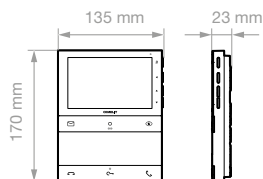
	CALL RANGE	<p>√ The function must be authorised by the installer using the MyComelit app or via the installer menu on the door entry monitor.</p> <p>Select this menu to configure the function activation MODE and the operating time band PROGRAMMING:</p> <ul style="list-style-type: none"> • MANUAL: in this mode, call range activation/deactivation is managed by pressing and holding (5 sec.)  and . • AUTOMATIC: in this mode, call range activation/deactivation is managed by means of time bands programmed via the user menu. <p>» When the mode is enabled the  LED flashes.</p>
	DATE AND TIME	Select this menu to configure the date and time.
	LANGUAGE	Select this menu to configure the language in which the menus and alert messages will be displayed.
	INFORMATION	Select this menu to view information relating to the door entry monitor and scan the QR code to access the online documentation.

★ For information regarding time band programming, please refer to the full online user manual.

INDICATOR LED

	Red LED	Flashing: communication taking place.
		Flashing: incoming call/communication taking place.
	White LED	Flashing with door entry monitor in standby: "Door open" indication. Lit steadily with door entry monitor in standby: "Auto lock-release on receipt of call" mode enabled.
		Flashing: incoming call.
	Green LED	Lit steadily: communication taking place. Lit steadily with door entry monitor in standby: "Automatic answer" mode enabled.
	Red LED	4 flashes: system busy / other door entry monitor in the system on. Lit steadily: silent mode enabled.
	White LED	Flashing: there are recordings which have not yet been viewed.

Technical specifications



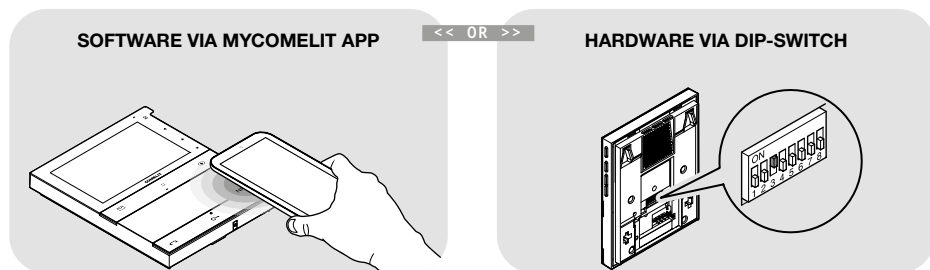
GENERAL DATA	
Product weight	430 grams
Product colour	White RAL9003, Black RAL9005
Coating material type	ABS, PMMA
Surface mounting	Yes
Desk base mounting	Yes, with specific accessory
COMPATIBLE SYSTEMS	
	Simplebus 2 audio/video with power supply unit art. 4888C
	Simplebus 2 audio/video with power supply unit art. 1210/1210A
	Simplebus 2 audio/video kit with power supply unit art. 1209
DISPLAY	
Display size	5"
Type of display	TFT
Aspect ratio	16:9
Resolution (pixels)	800x480
On-screen menu (OSD)	Yes
AUDIO SPECIFICATIONS	
Type	Hands-free
Microphone	6 mm (ø), Omnidirectional
Loudspeaker	36 mm (ø), 40 Ohm, 1W
ELECTRICAL SPECIFICATIONS	
Type of power supply	Power supply via video entry bus
Power supply voltage	33 VDC
Absorption in standby	0.04W
Maximum absorption	9.9W
HARDWARE SPECIFICATIONS	
Type of buttons	Mechanical
Total buttons (no.)	6
Backlighting colour	Green, White, Red
Terminals	L L CFP CFP
Removable terminals	Yes
Number of inputs (no.)	1

SETTINGS	
Loudspeaker volume	Yes
Ringtone volume	Yes
Screen brightness	Yes
Screen contrast	Yes
Screen colour	Yes
NETWORK AND COMMUNICATION PROTOCOL	
User function programming via OSD menu	Yes
Installer function programming via OSD menu	Yes
Function programming via NFC and MyComelit app	Yes
ENVIRONMENTAL AND CONFORMITY SPECIFICATIONS	
IP protection rating	IP30
Operating temperature (°C)	5 - 40 °
Operating humidity (max. RH)	25 - 75 %
Environmental class	I (B1)
CE certification	RoHS II - 2011/65/EU (EN IEC 63000:2018), EMC 2014/30/EU (EN 61000-6-1:2007, EN 61000-6-3:2007+A1:2011)
GENERAL FEATURES	
Lock-release	Yes
Automatic lock-release on receipt of call	Yes
Silent mode	Yes
Self activation	Yes
Switchboard call	Yes
Intercom calls	Yes
Selective intercom call	Yes
Panic call	Yes
Input for floor door call	Yes
Customisable ringtone	Yes
Automatic answer	Yes
Video memo	Yes
Actuator control	Yes
Door open indication	Yes
Acoustic indications	Yes
Visual indications	Yes
Date/time display	Yes

Programming the user code

The door entry monitor included in the kit is pre-programmed with user code 1.

The user code must be programmed on any additional door entry monitors via the MyComelit app or using the dip-switches.

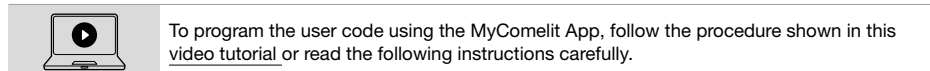


PROGRAMMING THE USER CODE VIA THE MYCOMELIT APP

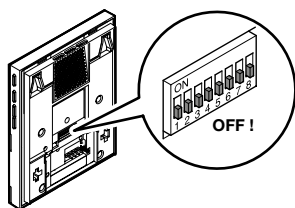
*The door entry monitor has an NFC connection which means it can be programmed quickly and easily **via the MyComelit app**, available to download free of charge.*



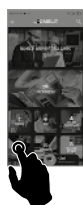
*Programming can even take place while the door entry monitor is off!
The user code for several door entry monitors can be programmed in sequence!*



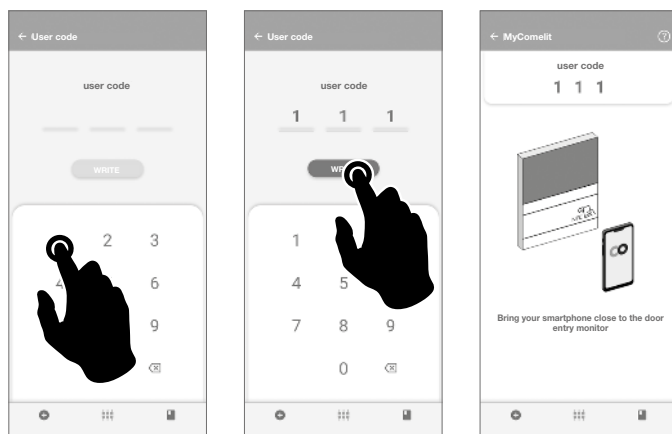
✓ All dip-switches must be set to OFF (factory programming) and should remain OFF even during normal operation.



1. Open the MyComelit app and log in (or create a new account if it is the first time you have accessed it).
2. Select "PEOPLE DOOR ENTRY MONITORS SETUP".



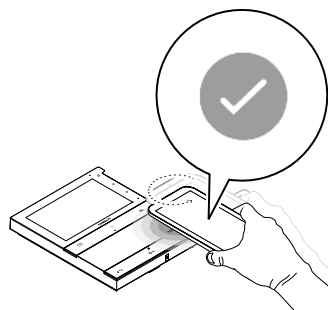
3. Enter the desired user code and press "WRITE".



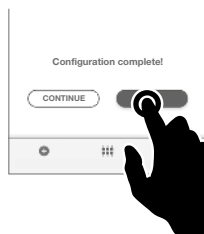
4. Bring your smartphone close to the NFC detection area of the door entry monitor (identified by its label) and make a circular motion until you feel it vibrate.

The vibration indicates that writing is taking place. Hold your smartphone in place until the procedure is complete.

» A tick indicates that writing was successful.



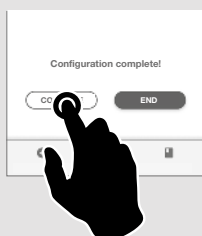
5. Press "END" to end the user code programming procedure on the door entry monitor.



OR

if you want to program the user codes for other door entry monitors in sequence:

5.B Press "CONTINUE".



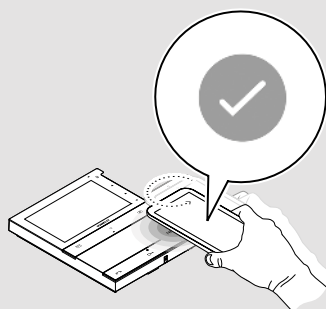
6.B Select the desired increment interval.



7.B Bring your smartphone close to the NFC detection area of the new door entry monitor (identified by its label) and make a circular motion until you feel it vibrate.

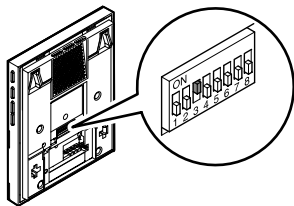
The vibration indicates that writing is taking place. Hold your smartphone in place until the procedure is complete.

» A tick indicates that writing was successful.



8.B Repeat step 7.B for each door entry monitor on which you want to program the user code.

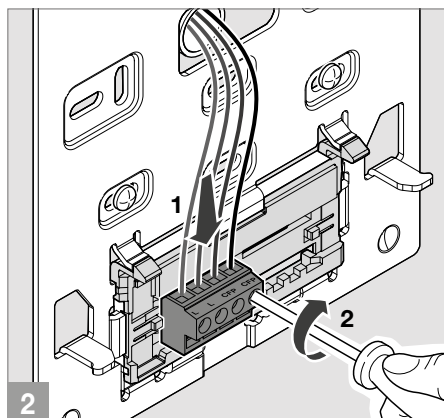
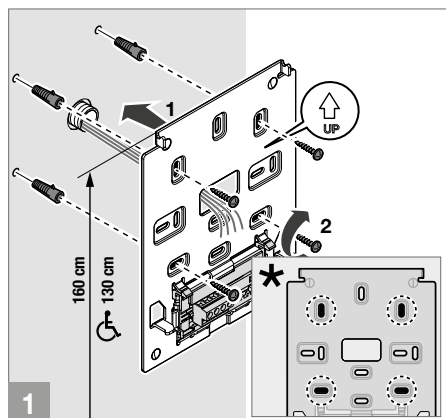
PROGRAMMING THE USER CODE USING THE DIP-SWITCHES



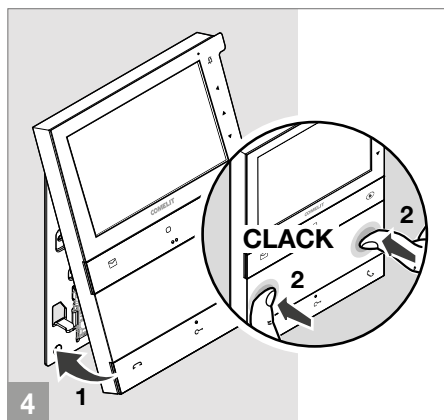
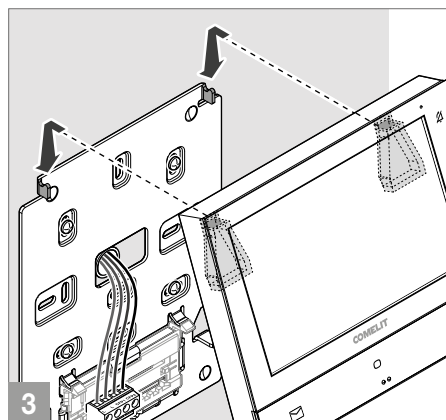
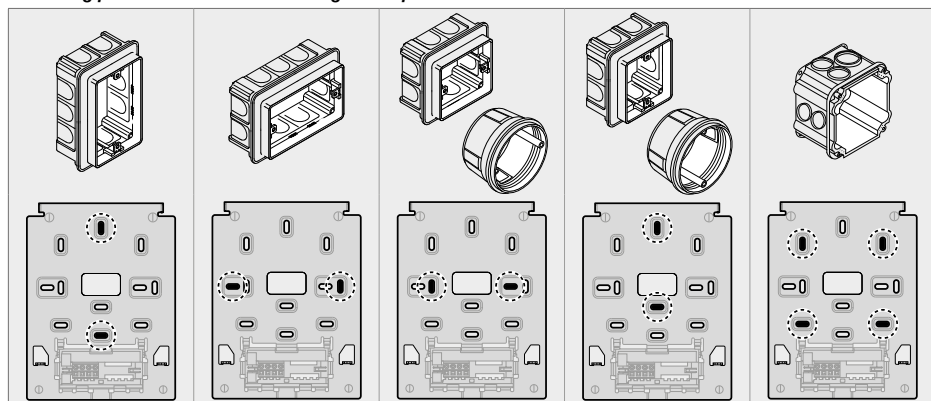
- Set the DIP-switches to **ON** to program a user code on the door entry monitor, as per Table of user codes.

Example: code 4.

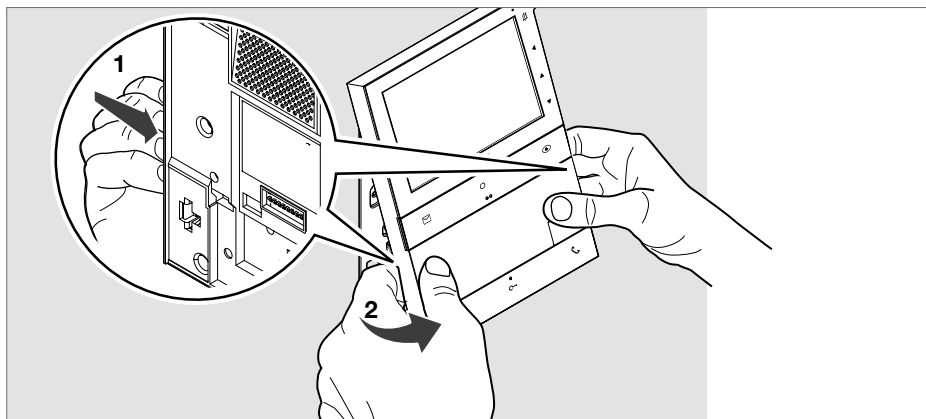
Installation



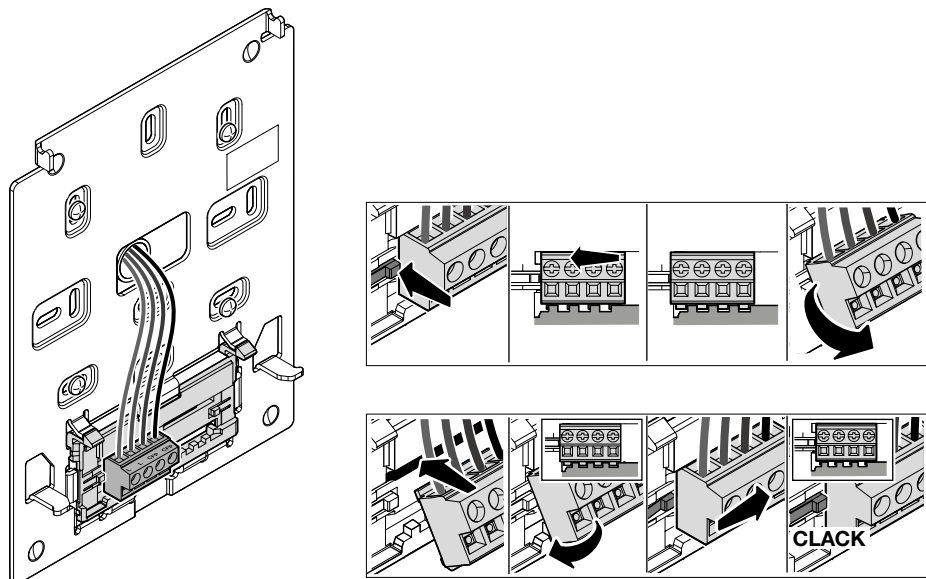
★ Fixing points for use when installing in compatible boxes



DISASSEMBLING THE DOOR ENTRY MONITOR



REMOVING AND FITTING THE CONNECTION TERMINALS

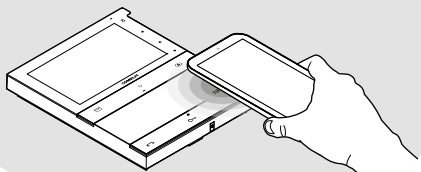


Programming the door entry monitor

The programming can be customised:

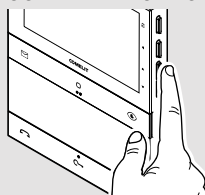
- Using the **MyComelit app** via a smartphone
- Using the **installer menu** on the door entry monitor

VIA MYCOMELIT APP



<< OR >>

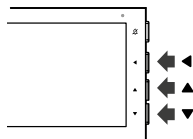
VIA DOOR ENTRY MONITOR



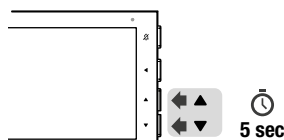
PROGRAMMING VIA INSTALLER MENU

- ✓ The first time the door entry monitor is switched on, you will need to configure the device language; you will also be able to set the date and time if necessary.

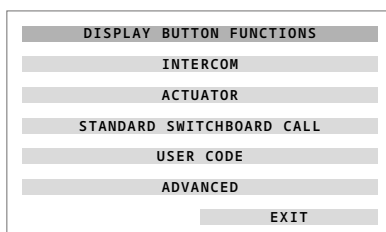
1. Press **one** of the following buttons to access the **user menu**.



2. Press **▲** and **▼** for 5 sec to access the **installer menu**.



» A confirmation tone will sound and the following screen will appear.




CAUTION

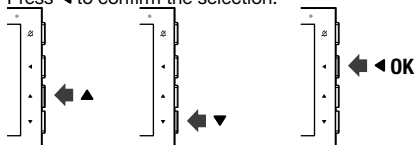
If the red LED flashes 4 times, this means that the system is busy and that the user/installer menu cannot be accessed at this time.



CAUTION

If the  icon appears while you are navigating the user menu and the door entry monitor switches off, this means that the system is busy and you cannot navigate the user/installer menu at this time.

3. Press **▲** and **▼** to scroll through the menu and/or select the values.
Press **◀** to confirm the selection.



» When the element is selected, the text will turn green.

4. To exit the installer menu, select **EXIT** or wait for 2 minutes (time-out period) without doing anything.

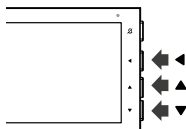
DISPLAY BUTTON FUNCTIONS MENU

By selecting this menu, the functions currently assigned to the buttons on the door entry monitor are displayed. The factory-set functions are as follows:

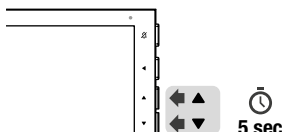
← BACK	
PROGRAMMED FUNCTION	BUTTON
VIDEO MEMO	✉
GENERIC ACTUATOR	○
SELF-IGNITION	👁
LOCK-RELEASE	🔓
FLOOR DOOR CALL	CFP

EXAMPLE: PROGRAMMING THE INTERCOM FUNCTION TO OTHER APARTMENT

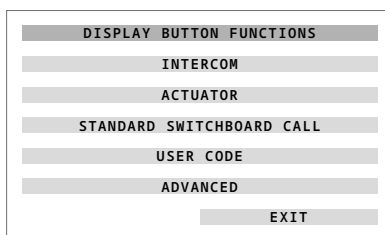
1. Press **one** of the following buttons to access the **user menu**.



2. Press **▲** and **▼** for 5 sec to access the **installer menu**.

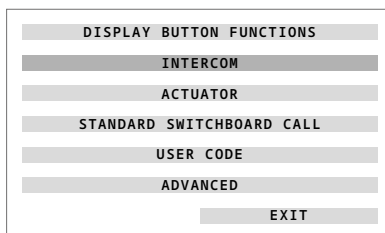


» A confirmation tone will sound and the following screen will appear.



3. Press **▼** to select the **INTERCOM** function

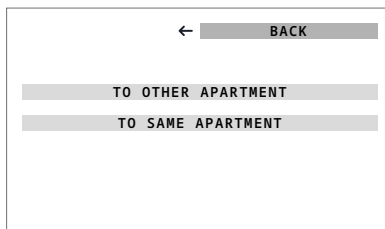
» The menu will turn green.



4. Press the confirm button.

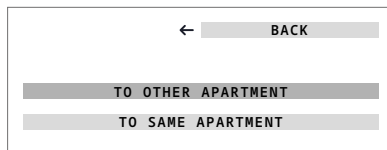


» The following window will appear.



5. Press ▼ to select **TO OTHER APARTMENT**.

» The menu will turn green.



6. Press the confirm button.



7. Press ▼ to select the number you want to change.

» The checkbox will turn green.



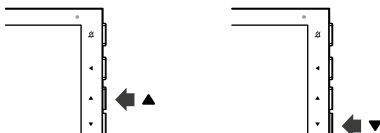
8. Press the confirm button.



» Two arrows will appear to indicate the number that can be changed.



9. Use ▲ and ▼ to set the desired value (example: [3]).

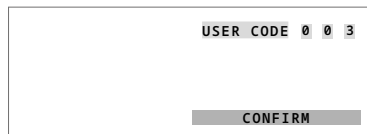


10. Press the confirm button.



11. Press ▼ to select **CONFIRM**.


» The menu will turn green.



12. Press the confirm button.

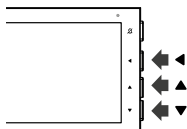


13. Press the button to be associated with the function.

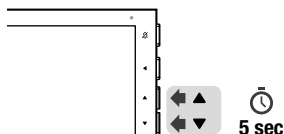
If  is configured to activate another function, the MyComelit app should be used to restore the video memo function.

EXAMPLE: PROGRAMMING THE INTERCOM FUNCTION TO SAME APARTMENT

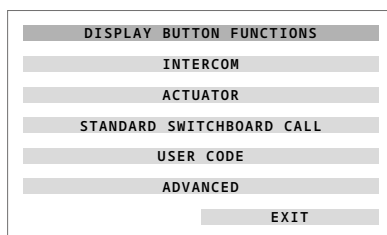
1. Press **one** of the following buttons to access the **user menu**.



2. Press **▲** and **▼** for 5 sec to access the **installer menu**.

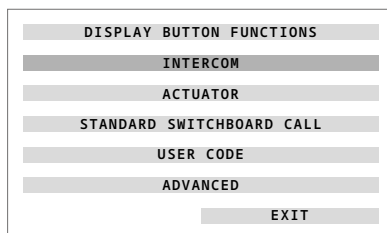


» A confirmation tone will sound and the following screen will appear.



3. Press **▼** to select the **INTERCOM** function

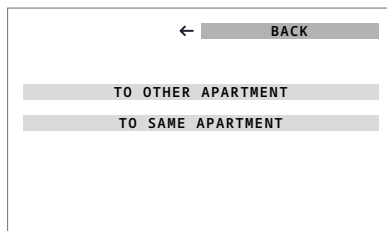
» The menu will turn green.



4. Press the confirm button.

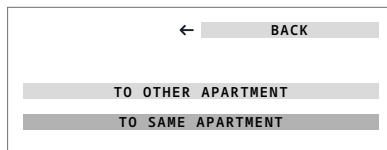


» The following window will appear.



5. Press ▼ to select **TO SAME APARTMENT..**


» *The menu will turn green.*



6. Press the confirm button.



7. Press the button to be associated with the function.

If  is configured to activate another function, the MyComelit app should be used to restore the video memo function.

INSTALLER MENU NAVIGATION TREE

DISPLAY BUTTON FUNCTIONS

Select this menu to view the functions currently assigned to the buttons on the door entry monitor.

← BACK	
PROGRAMMED FUNCTION	BUTTON
VIDEO MEMO	✉
GENERIC ACTUATOR	○
SELF-IGNITION	👁
LOCK-RELEASE	🔑
FLOOR DOOR CALL	CFP

INTERCOM

Select this menu to configure the intercom call To same (your own) apartment or To other apartment.

TO OTHER APARTMENT

USER CODE 0 0 1

TO SAME APARTMENT

ACTUATOR

Select this menu to configure a button or the CFP input to control a generic actuator or an actuator with code.

GENERIC

PAIR WITH BUTTON

PAIR WITH CFP INPUT

WITH CODE

CODE

PAIR WITH BUTTON

PAIR WITH CFP INPUT

STANDARD SWITCHBOARD CALL

Select this menu to configure a button to make the call to standard porter switchboard.

USER CODE

Select this menu to configure the door entry monitor user code.

CURRENT USER CODE

USER CODE



ADVANCED

Select this menu to access the advanced settings.

DATE FORMAT

Select this menu to configure the date display format.

DD/MM/YYYY

MM/DD/YYYY

YYYY/MM/DD

MAIN/SECONDARY

Select this menu to configure the door entry monitor as Main (default) or Secondary.

SECONDARY

MAIN

SET RINGTONE

Select this menu to configure the ringtone melodies for floor door call (CFP), call from switchboard, intercom call or call with range.

FLOOR DOOR CALL (CFP)

(1/4)

CALL FROM SWITCHBOARD

(1/7)

INTERCOM CALL

(1/7)

CALL WITH RANGE

(1/7)

SELECTIVE INTERCOM

Select this menu to configure Selective intercom or Selective group call on the buttons.

INTERCOM CODE

PROGRAMMING

CANCELLING

SELECTIVE

INTERCOM CODE

SELECTIVE GROUP

INTERCOM CODE

INTERCOM CODE

INTERCOM CODE

INTERCOM CODE

SELF-ACTIVATION

Select this menu to configure a button to perform self-activation.

STAND-ALONE CAMERA MODULE

Select this menu to configure buttons to control a generic stand-alone camera module or a stand-alone camera module with code.

GENERIC

CODE 220

CODE 221

OTHER CODES

CODE



**PANIC CALL**

Select this menu to configure a button or the CFP input to transmit a priority call to the porter switchboard.

PAIR WITH BUTTON

PAIR WITH CFP INPUT

SWITCHBOARD CALL

Select this menu to configure a button to make the call to standard or main porter switchboard.

MAIN

STANDARD

NO FUNCTION

Select this menu to cancel the function configured on the button.

AUTO LOCK-RELEASE

Select this menu to Authorise/Not authorise the function.

STATUS: AUTHORISED

STATUS: NOT AUTHORISED

AUTOMATIC ANSWER

Select this menu to Authorise/Not authorise the function.

STATUS: AUTHORISED


STATUS: NOT AUTHORISED

FLOOR DOOR CALL

Select this menu to configure the CFP input to transmit a floor door call (default) if it had previously been configured for another function.

PAIR WITH CFP INPUT

LOCK-RELEASE

Select this menu to configure the lock-release function on the CFP input or on the  button (default) if it was previously configured for another function.

PAIR WITH BUTTON

PAIR WITH CFP INPUT

CALL RANGE PROGRAMMING

Select this menu to Authorise/Not authorise the function and configure the Minimum/Maximum user codes.

STATUS: AUTHORISED

STATUS: NOT AUTHORISED

MINIMUM USER CODE

MAXIMUM USER CODE

DISABLE MENU

Select this menu to disable the installer menu, or both the user menu and the installer menu, on the door entry monitor. From the moment the installer menu is disabled, the door entry monitor can only be configured via the MyComelit app.

INSTALLER

USER + INSTALLER

INFORMATION

Select this menu to view information relating to the door entry monitor and scan the QR code to access the online documentation.

FACTORY RESET

Select this menu to restore all configurations to their factory values.

CONFIRM RESET

PROGRAMMING VIA MYCOMELIT APP

- ✓ Update the MyComelit App to the latest available version.
- ✓ ONLY if programming the user code via the app, all dip-switches must be set to OFF (factory programming) and should remain OFF even during normal operation.
- ✓ If the user code is programmed via dip-switch (and therefore the dip-switches are not all set to OFF), the other door entry monitor functions can still be programmed using the MyComelit App (with the exception of the user code).

The MyComelit app can be used to program the door entry monitor quickly and easily, even while it is switched off.

When the MyComelit app is used to configure the door entry monitor, the language, date and time are set automatically.

The MyComelit app makes it possible to:

- Read all door entry monitor programming.
- Edit and rewrite the programming.
- Create programming offline, save it to your smartphone and then write it on the door entry monitor later.
- Create and save your favourite programming to your smartphone.
- Increase the user code by a configurable value to allow the programming of door entry monitors in sequence.
- Copy the programming of one door entry monitor to another door entry monitor.
- Share the door entry monitor programming with other users (via WhatsApp, etc.) to facilitate technical support.
- ...

In addition to these functions, the MyComelit app can also be used for the following functions:

- To program the user code (only if it has not been programmed using the DIP-switches, see [Programming the user code via the MyComelit app on page 30](#)).
- To program the functions to be associated with the buttons.
- To program the door entry monitor as main/secondary (see [Main and Secondary Door Entry Monitor on page 48](#)).
- To change the ringtones for:
 - Call from external entrance panel.
 - Floor door call (CFP).
 - Call from switchboard.
 - Intercom call.
 - Call with range.
- To change the functions associated with the CFP input (see [Functions associated with the CFP input on page 49](#)).
- To program the following functions:
 - Intercom (see [Intercom on page 48](#)).
 - Selective intercom (see [Selective intercom on page 48](#)).
 - Selective group intercom (see [Selective group intercom on page 48](#)).
- To authorise the user to utilise the following functions:
 - “Door opening upon call” (see [Automatic lock-release on receipt of call on page 23](#)).
 - “Automatic answer” (see [Automatic answer on page 23](#)).
- To program the minimum and maximum call codes for the call range function (see [Call range on page 49](#)).



- To disable the user and/or installer menu on the door entry monitor.
- Disable the “Silent Mode” button or select the ringtones to silence.
- To restore the door entry monitor to its factory programming.

MAIN AND SECONDARY DOOR ENTRY MONITOR

In systems with power supply unit art. **1210/1210A**, one main door entry monitor and 3 secondary door entry monitors can be programmed for each apartment.

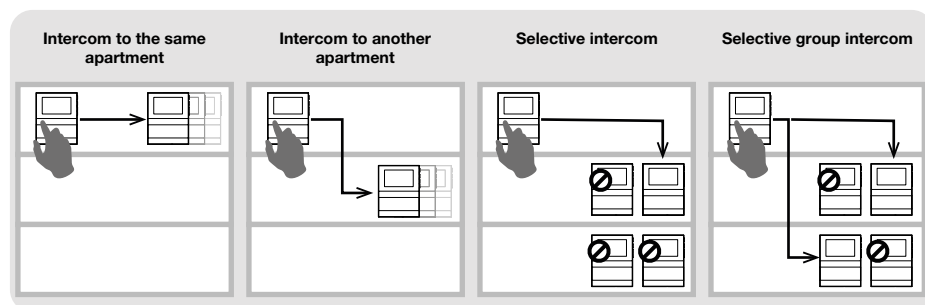
In systems with power supply unit art. **4888C**, 2 main door entry monitors and 2 secondary door entry monitors can be programmed for each apartment.

On receipt of a call from the entrance panel:

- » All door entry monitors ring.
- » The image from the entrance panel appears automatically on the main door entry monitor. Any other secondary door entry monitors in the same family unit will remain off.
- » Video can be requested on the secondary door entry monitor(s) (without answering the call) by pressing the button programmed for self activation (factory set as button ) or by pressing "Start communication" .

INTERCOM FUNCTION

Various types of intercom call can be programmed:



INTERCOM

- **intercom call to the same apartment**
 - ▶ Program the **INTERCOM TO SAME APARTMENT** function to the chosen button in order to call ALL the door entry monitors in the same apartment.
- **intercom call to another apartment**
 - ▶ Program the **INTERCOM TO OTHER APARTMENT** function to the chosen button in order to call ALL the door entry monitors in that apartment.

SELECTIVE INTERCOM

- **Selective intercom**
 - ▶ This is an intercom call to a single door entry monitor in the same apartment or another apartment identified by a dedicated intercom code, different from the user code. ONLY that door entry monitor will be called. The intercom code can be programmed from 1 to 8. The same intercom code can be associated with up to 3 door entry monitors.

NOTE: if even a single user programs this function, the intercom code must be programmed on all door entry monitors on the riser, even if they do not use the function!

1. Program the **INTERCOM CODE** on the door entry monitor you want to call.
2. On the desired button, program the **SELECTIVE INTERCOM** function for the **INTERCOM CODE** of the door entry monitor you want to call.

- **Selective group intercom**

This is an intercom call to groups of several door entry monitors in the same apartment or another apartment identified by a dedicated intercom code, different from the user code. The door entry monitor button can be programmed with up to 3 different intercom codes to which the call will be made at once.

The maximum number of door entry monitors which can ring simultaneously nevertheless remains 3.

1. Program the **INTERCOM CODE** on the door entry monitors you want to call.
2. On the desired button, program the **SELECTIVE GROUP INTERCOM** function for the intercom codes of the door entry monitors you want to call.

NOTE:

intercom and selective intercom CANNOT be programmed in the same system!

FUNCTIONS ASSOCIATED WITH THE CFP INPUT

In addition to the floor door call, other functions can be associated with the CFP input (CFP and CFP terminals):

- Control of a generic actuator or with a code.
- Panic call (priority call to porter switchboard).
- Remote control of lock-release command.

CALL RANGE

The door entry monitor can be programmed to receive calls originating from the external entrance panel and direct calls, to both your own user code and an interval (range) of user codes.




Example:

If the door entry monitor is programmed with user code “1” and the range of user codes from 5 to 7 is also programmed, when the function is enabled it will receive both direct calls to user code “1” and direct calls to user codes 5, 6 and 7.






✓ The user can only activate/deactivate the range of user codes if they have been authorised to do so by the installer, using the MyComelit app or via the installer menu on the door entry monitor.

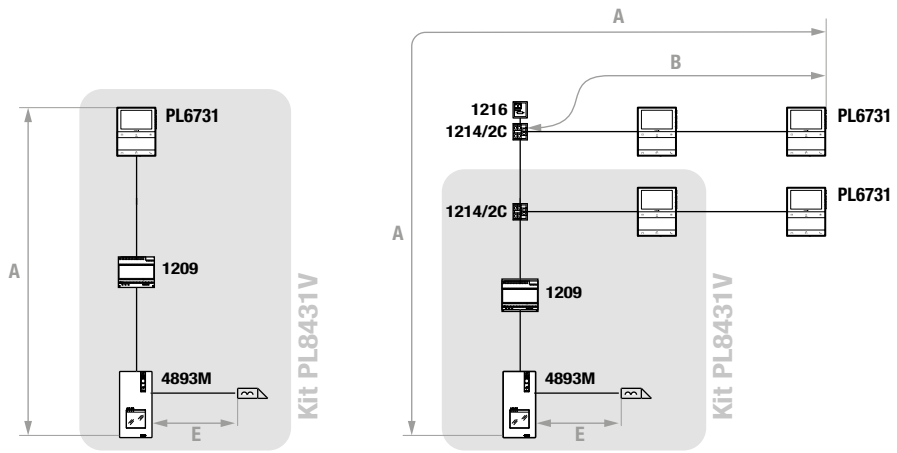
Range activation:

- ▶ Press and hold buttons  and  together for 5 seconds.
 - » A confirmation tone will play.
 - » The text “CALL RANGE ACTIVATED” appears on the door entry monitor display for 3 seconds.
 - » The  LED flashes to indicate that the function is active.

Range deactivation:

- ▶ Press and hold buttons  and  together for 5 seconds.
 - » A confirmation tone will play.
 - » The text “CALL RANGE DEACTIVATED” appears on the door entry monitor display for 3 seconds.
 - » The  LED switches off.

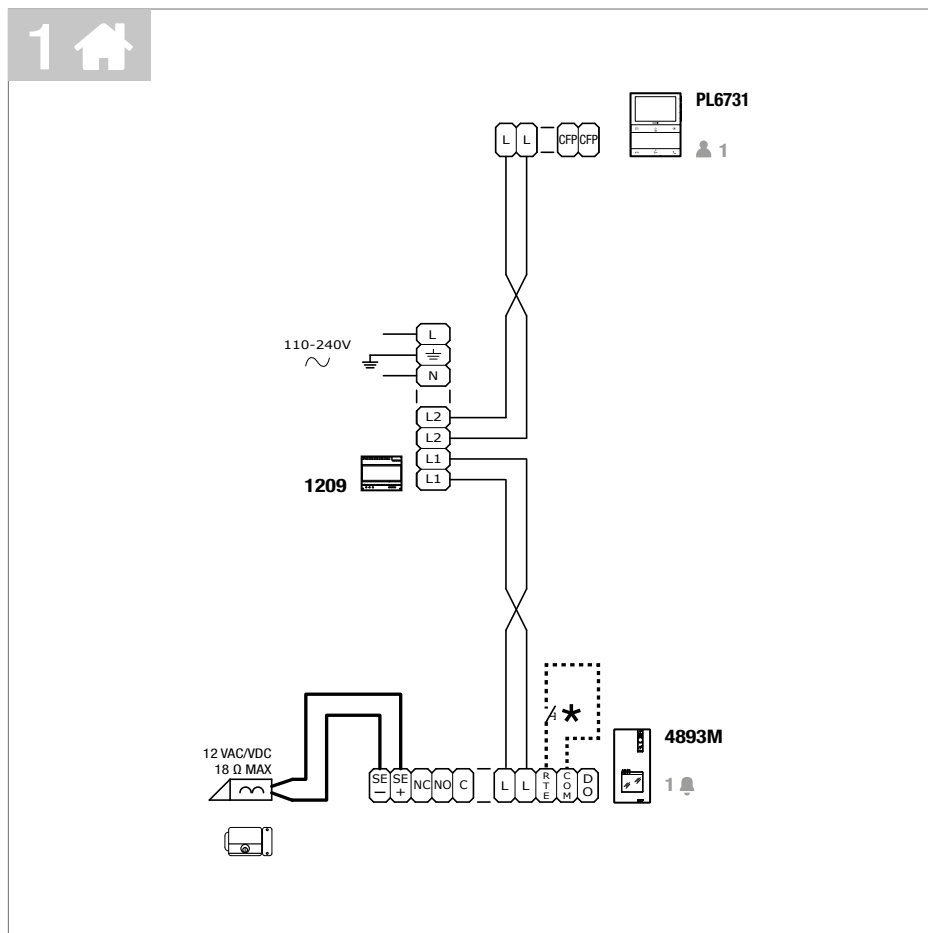
Operating distances



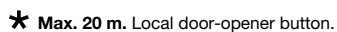
	A MAX	B MAX	E MAX	Art. 1216
Comelit Art. 4577/4579 1 mm ² (Ø 1.2 mm AWG 17) 	200 m (655 feet)	100 m (330 feet)		
UTP5 cat. 5 0.2 mm ² (Ø 0.5 mm AWG 24) 	100 m (330 feet)	60 m (195 feet)		
0.28 mm ² (Ø 0.6 mm AWG 23) 	100 m (330 feet)	60 m (195 feet)		
0.5 mm ² (Ø 0.8 mm AWG 20) 	100 m (330 feet)	60 m (195 feet)		
1 mm ² (Ø 1.2 mm AWG 17) 	100 m (330 feet)	60 m (195 feet)	30 m (98 feet)	
1 mm ² (Ø 1.2 mm AWG 17) 	80 m (260 feet)	40 m (130 feet)		
1.5 mm ² (Ø 1.4 mm AWG 15) 	100 m (330 feet)	60 m (195 feet)	50 m (164 feet)	
UTP cat. 5-6-7 0.2 mm ² (Ø 0,5 mm AWG 24) MULTI PAIR CABLE				
	200 m (655 feet)	70 m (230 feet)		

UTP cable with multi-cable connection: FOLLOW THE COLOURS SHOWN IN THE DIAGRAM!

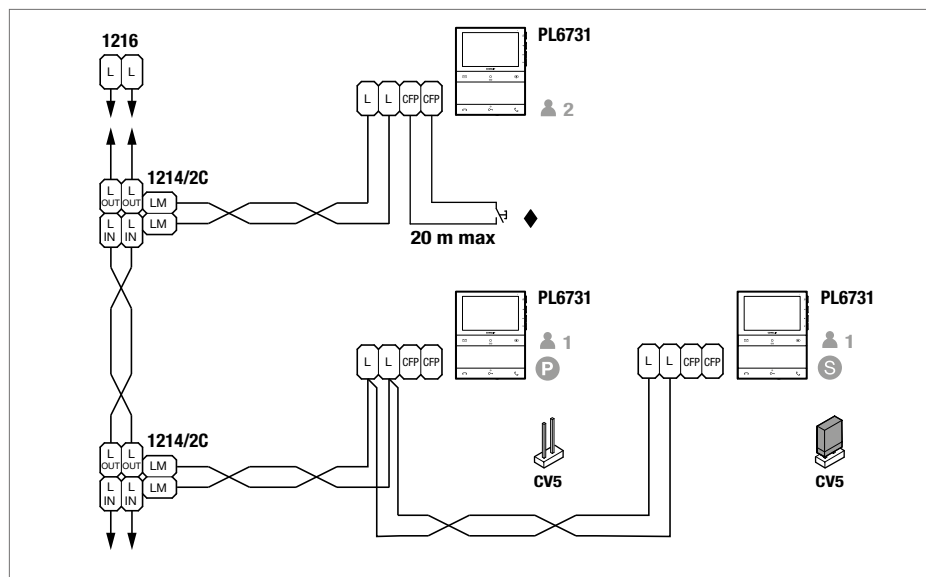
Wiring diagrams



★ Max. 20 m. Local door-opener button.



System expansion diagrams



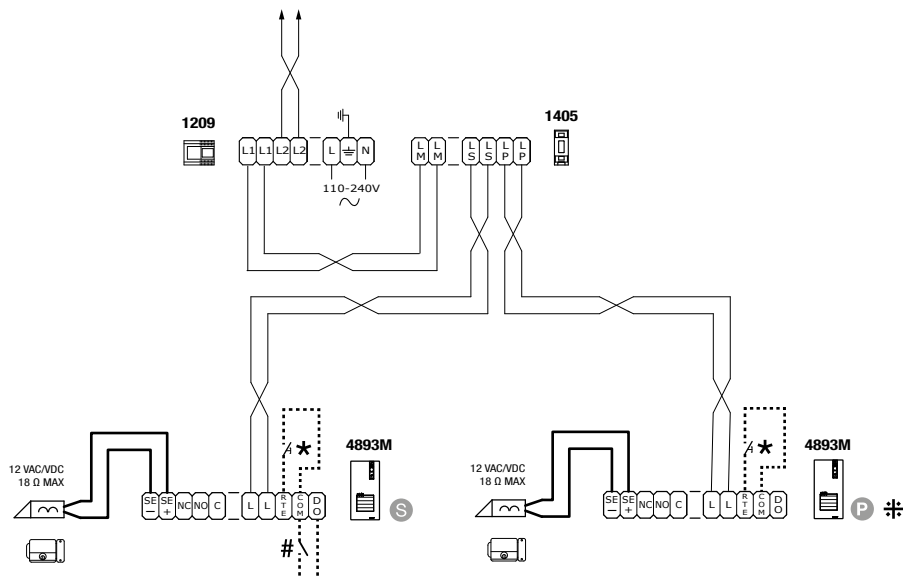
P S In systems with power supply unit art. **1209**, a maximum of 1 main door entry monitor (**P**) and 3 secondary door entry monitors (**S**) can be programmed for each apartment.

To program the door entry monitor as secondary, use the MyComelit app via NFC.

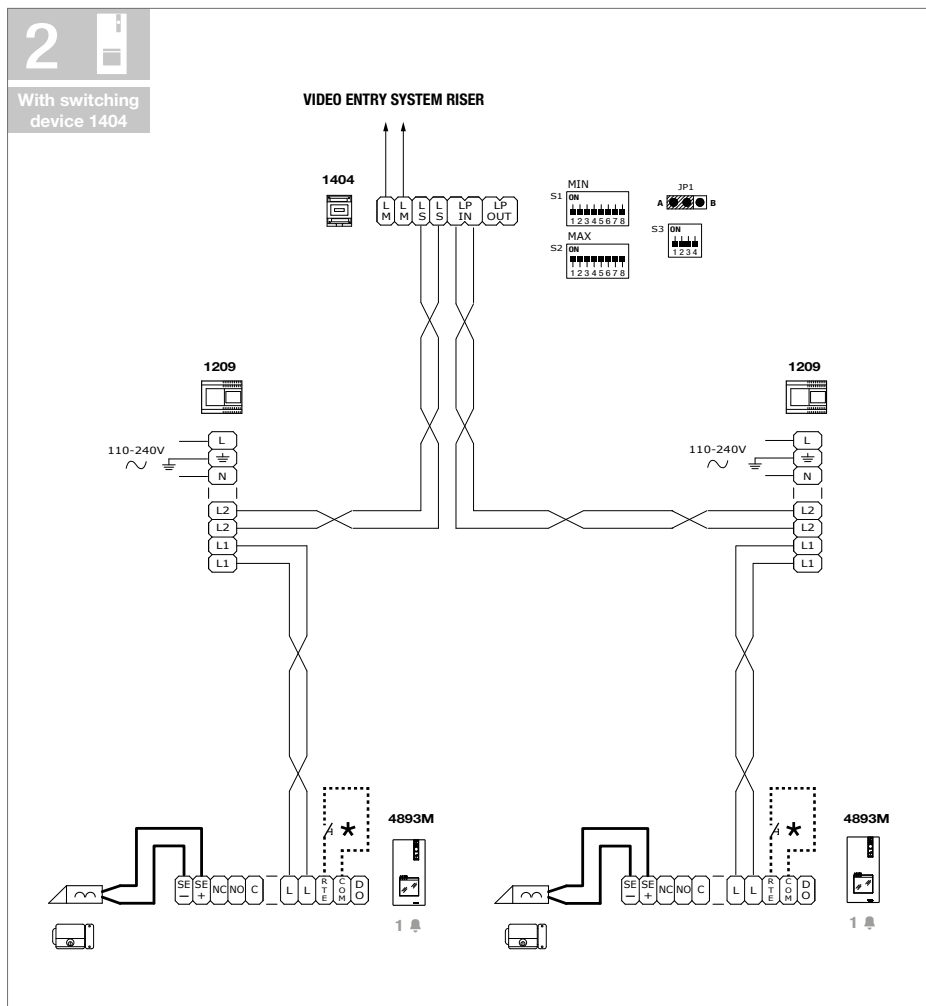
◆ CFP floor door call input.

Where multiple door-entry phones or door entry monitors have the same user code, connect the CFP button on one only; all the devices will ring simultaneously.

VIDEO ENTRY SYSTEM RISER



The two entrance panels must be programmed as Main and Secondary.



★ **Max. 20 m.** Local door-opener button.

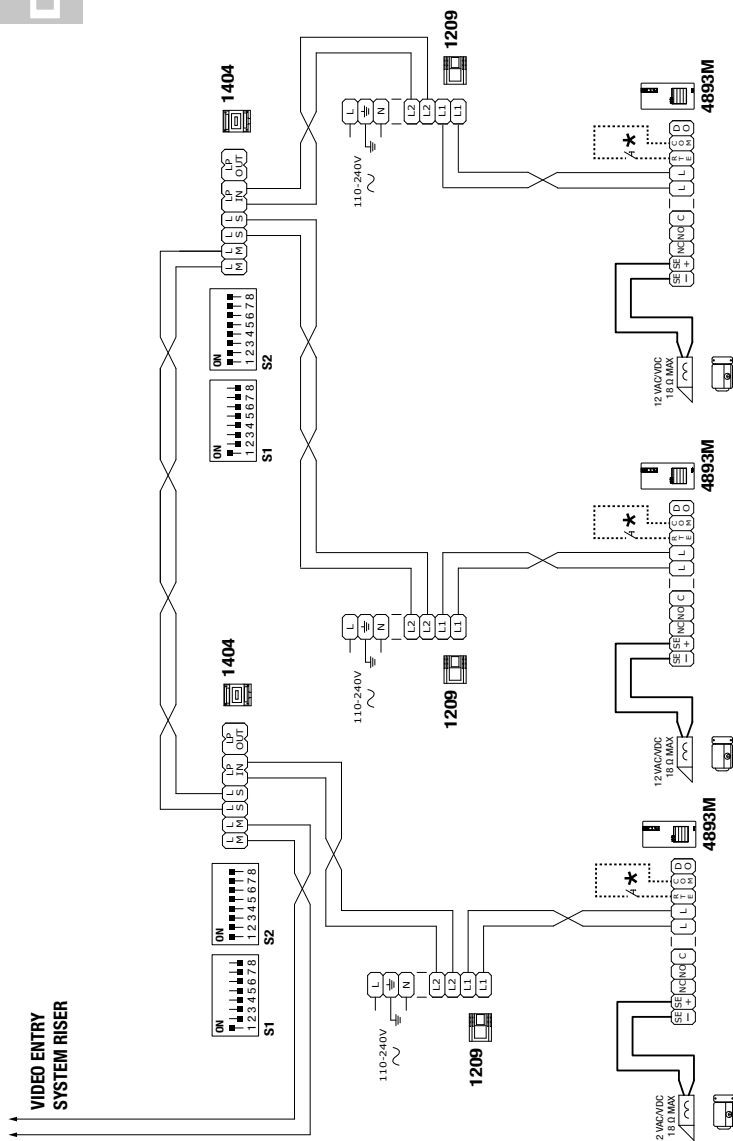
The *Door open indication* function is **not** available.

By using the switching device 1404, you can add one or more entrance panels to the kit.

The entrance panel requires an additional power supply unit.

The entrance panels must not be programmed as Main and Secondary.

3



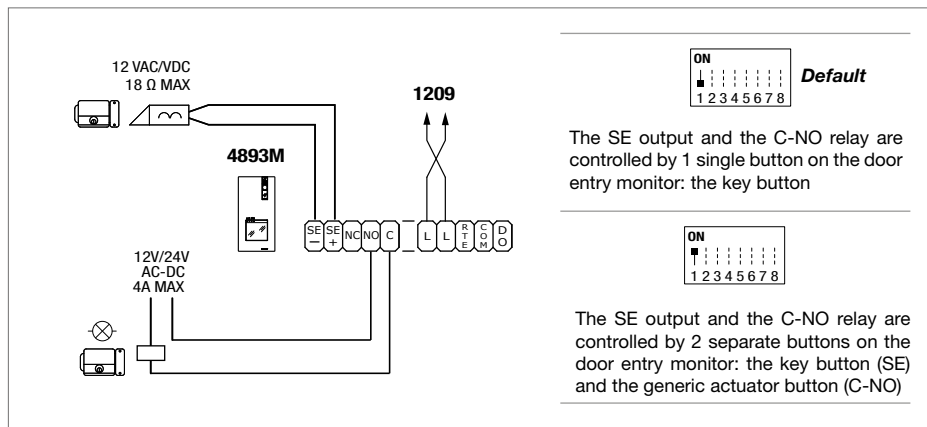
★ Max. 20 m. Local door-opener button.

The door open indication function is not available.

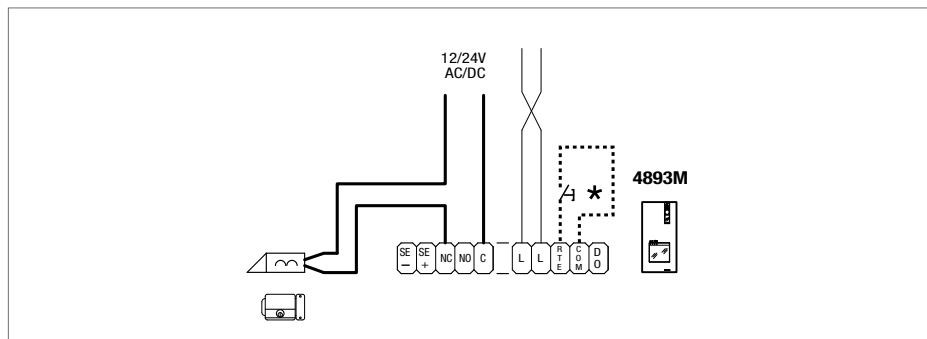
The self-activation function is available (with toggle function between 2 external units).

Using the entrance panel relay on generic actuator control

Relay activation time C.NC.NO: 2 sec. (default)



Variant with use of safety door lock



★ Max. 20 m. Local door-opener button.

* Code 240 is reserved for the porter switchboard.



CERTIFIED MANAGEMENT SYSTEMS



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