

PLUGGY+
TECHNOLOGY



up to 20 users

PG+

EN


Technical manual

up to 20 calls

2024

2-wire non-polarised PLUGGY digital system

System characteristics.

- Call transfer to smartphone: available
- connected monitor: available with Wi-Fi connection
- maximum number of calls: 20 from door station
- intercom call within flat: available;
- maximum number of slaves in the flat: 2;
- intercom call between flats: available (factory disabled);
- floor call: available;
- driveway gate opening: available on door station via relay module supplied;
-  maximum guaranteed distance with 2x1 mm² section twisted pair (Farfisa cable art.2302 for indoor use or art.2302E for outdoor use: 100 metres from the outdoor station to the farthest monitor or intercom.

Load table.

	Device	IE		
AL	PRSPG/1	500		
	Device	CE		
	CVPG	20		
	CTPG	12		
CT/VC	SEIPG	3		
	SE7PG	8		
	SEM7PG	70		

Numers of SEM7PG	Power supply	Q.ty	Line distributor	Q.ty
0	PRSPG/1	1		
1	PRSPG/1	1		
2	PRSPG/1	1		
3	PRSPG/1	1		
4	PRSPG/1	1		
5	PRSPG/1	2	DV2420	1
6	PRSPG/1	2	DV2420	1
7	PRSPG/1	2	DV2420	1
8	PRSPG/1	2	DV2420	1
9	PRSPG/1	3	DV2420	2
10	PRSPG/1	3	DV2420	2
11	PRSPG/1	3	DV2420	2
12	PRSPG/1	3	DV2420	2
13	PRSPG/1	4	DV2420	3
14	PRSPG/1	4	DV2420	3
15	PRSPG/1	4	DV2420	3
16	PRSPG/1	4	DV2420	3
17	PRSPG/1	5	DV2420	4
18	PRSPG/1	5	DV2420	4
19	PRSPG/1	5	DV2420	4
20	PRSPG/1	5	DV2420	4



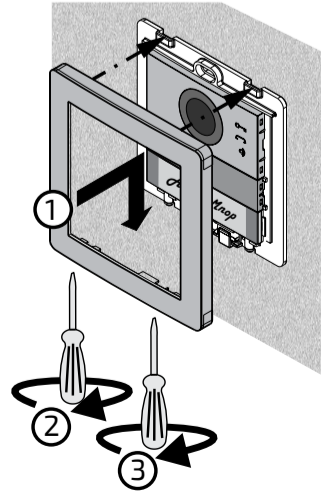
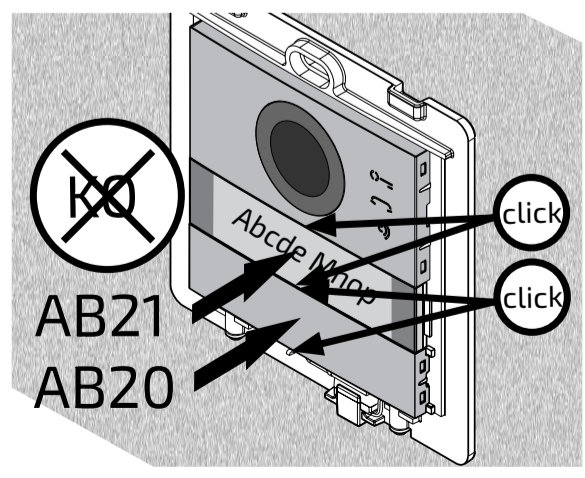
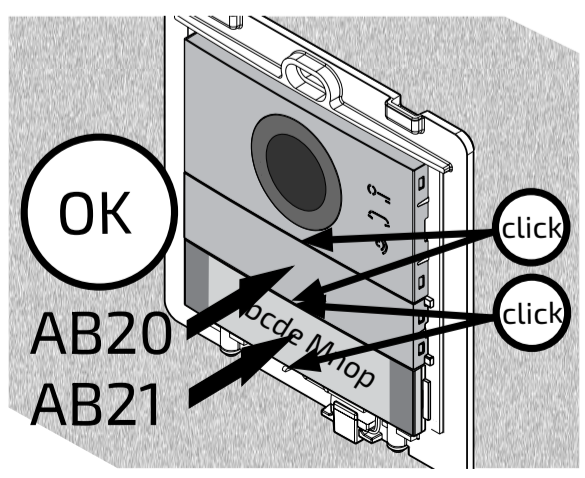
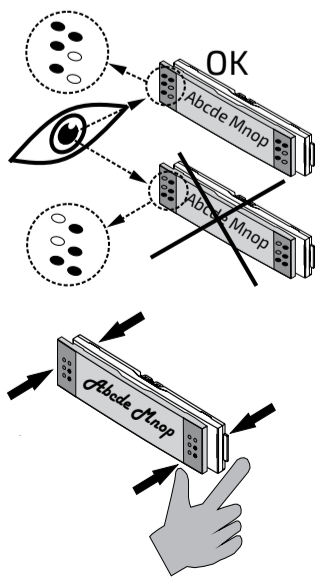
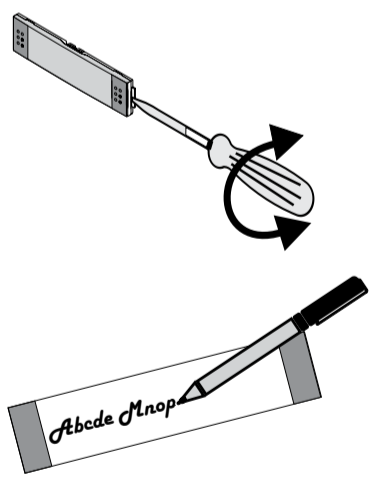
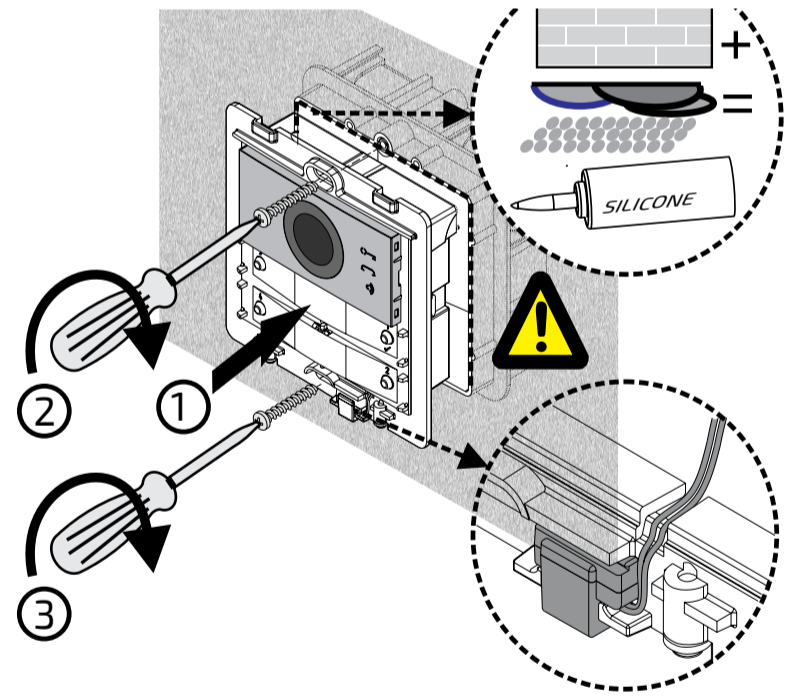
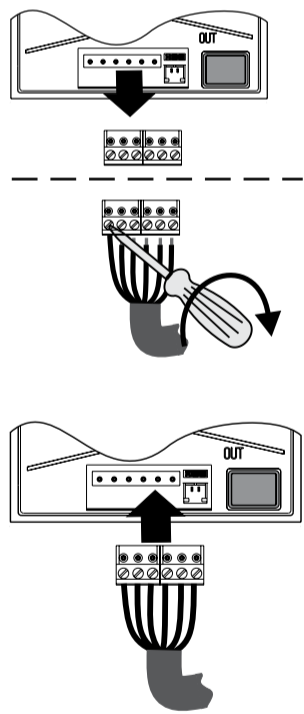
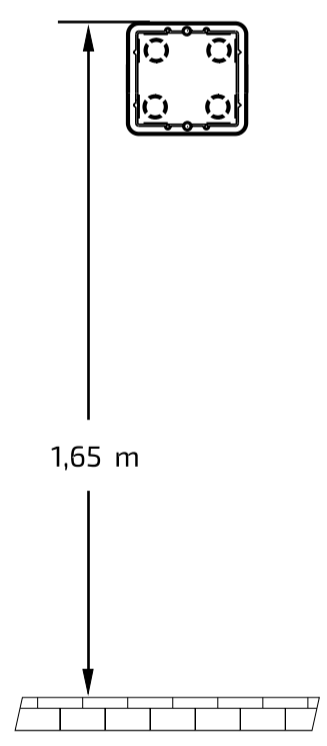
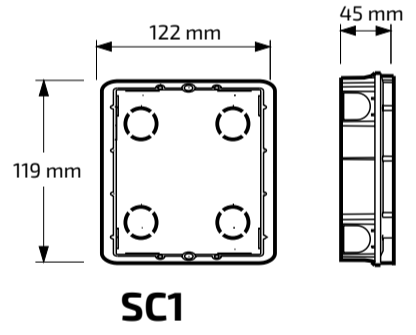
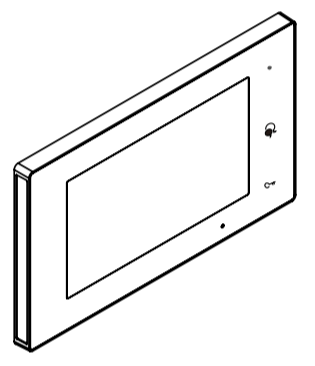
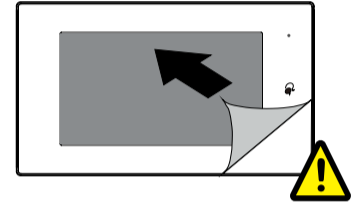
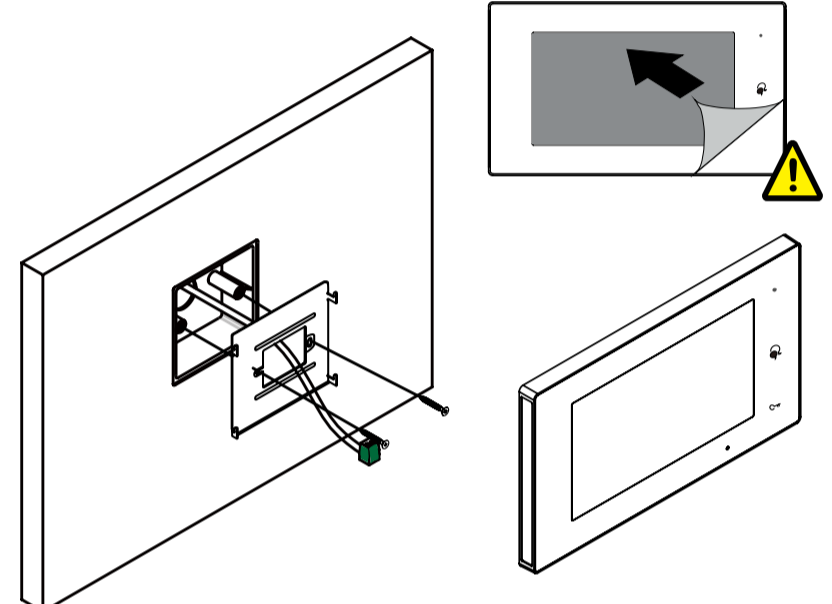
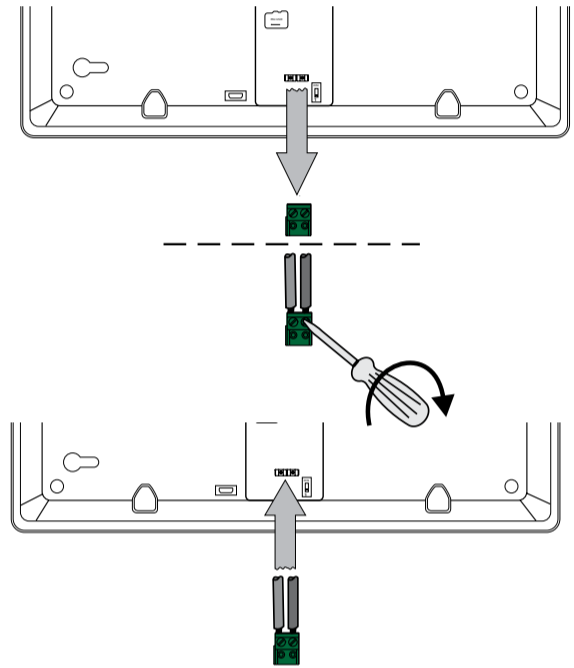
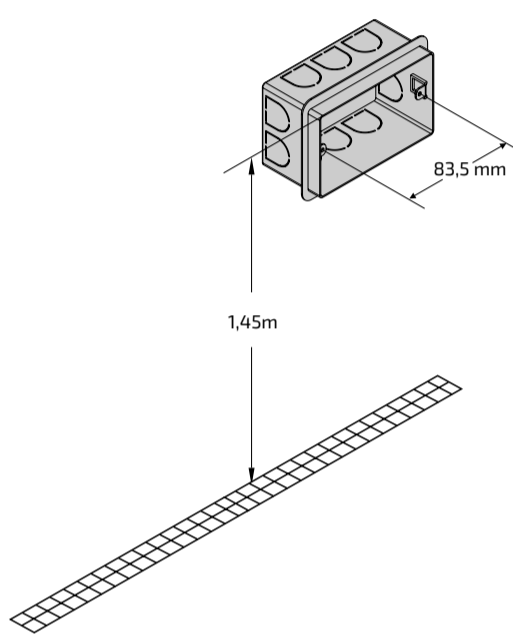
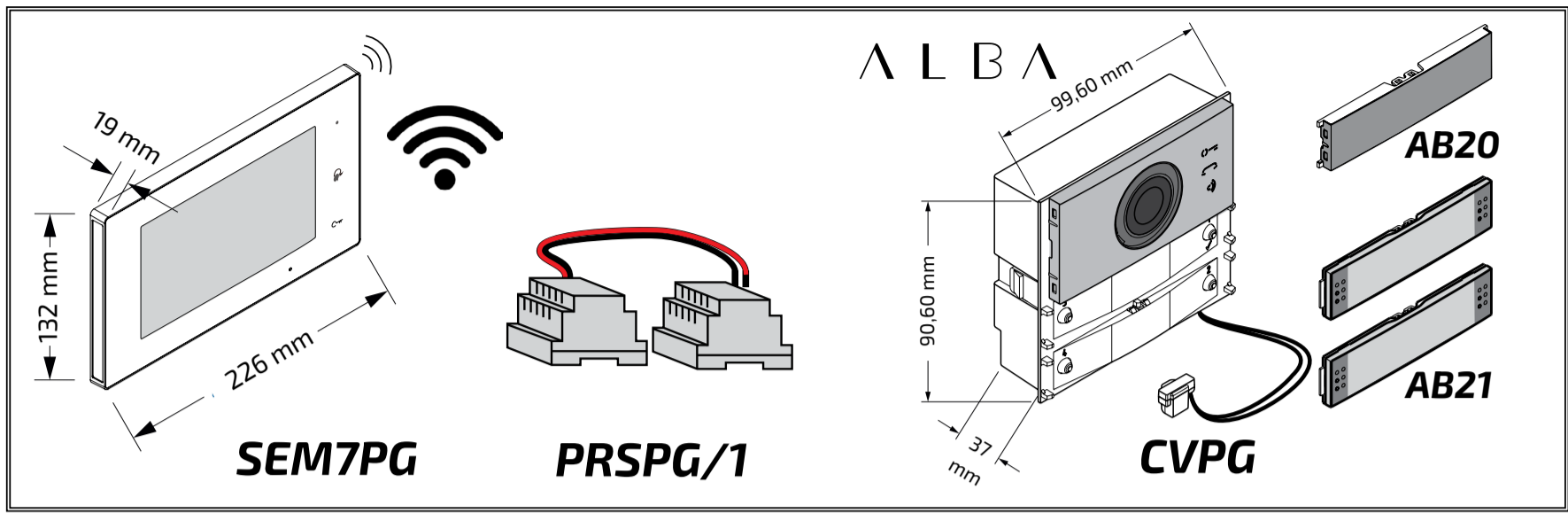
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PLUGGY +

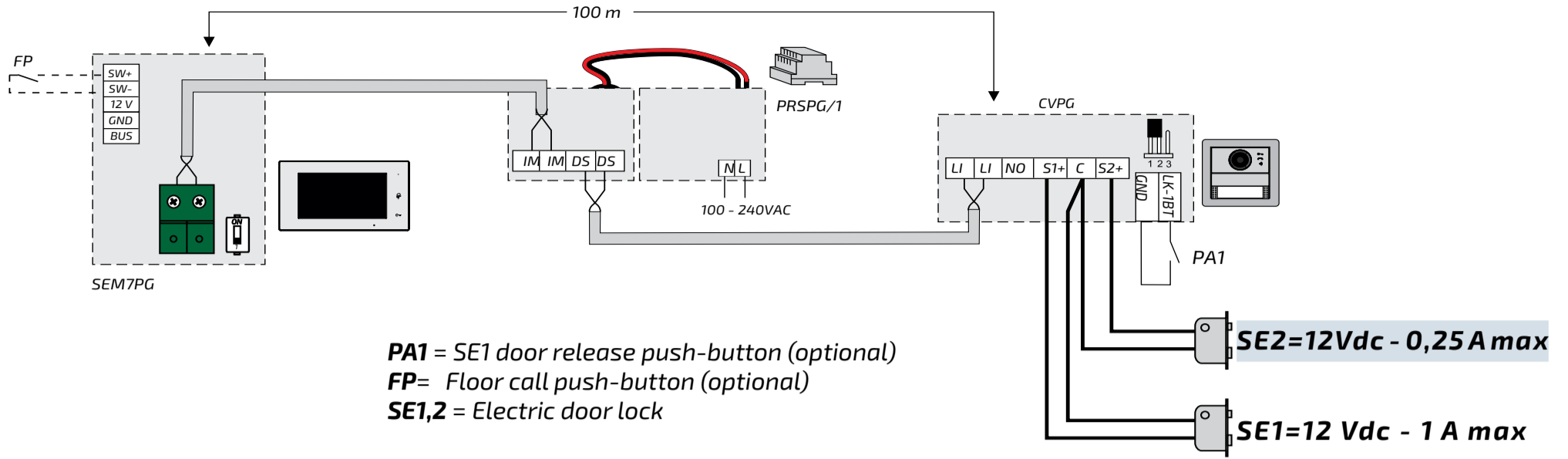
General index

	<i>page</i>
1SEPG+	4
<i>INSTALLATION DIAGRAMS</i>	<i>5</i>
SEM7PG	6
<i>TECHNICAL SPECIFICATIONS</i>	<i>6</i>
<i>THE MAIN MENU</i>	<i>7</i>
<i>CALL RECORDS</i>	<i>8</i>
<i>SETTINGS</i>	<i>9</i>
<i>CALL ON SMARTPHONE</i>	<i>10</i>
<i>MODIFYING CVPG PARAMETERS</i>	<i>11</i>
CTPG	12
SE7PG	15
<i>INTERCOMMUNICATING CALL</i>	<i>18</i>
<i>MASTER/SLAVE</i>	<i>20</i>
<i>CVPG PARAMETERS SETTING</i>	<i>22</i>
SEIPG	35
MULTI-FAMILY DIAGRAM	38
MASTER/SLAVE DIAGRAMS	40

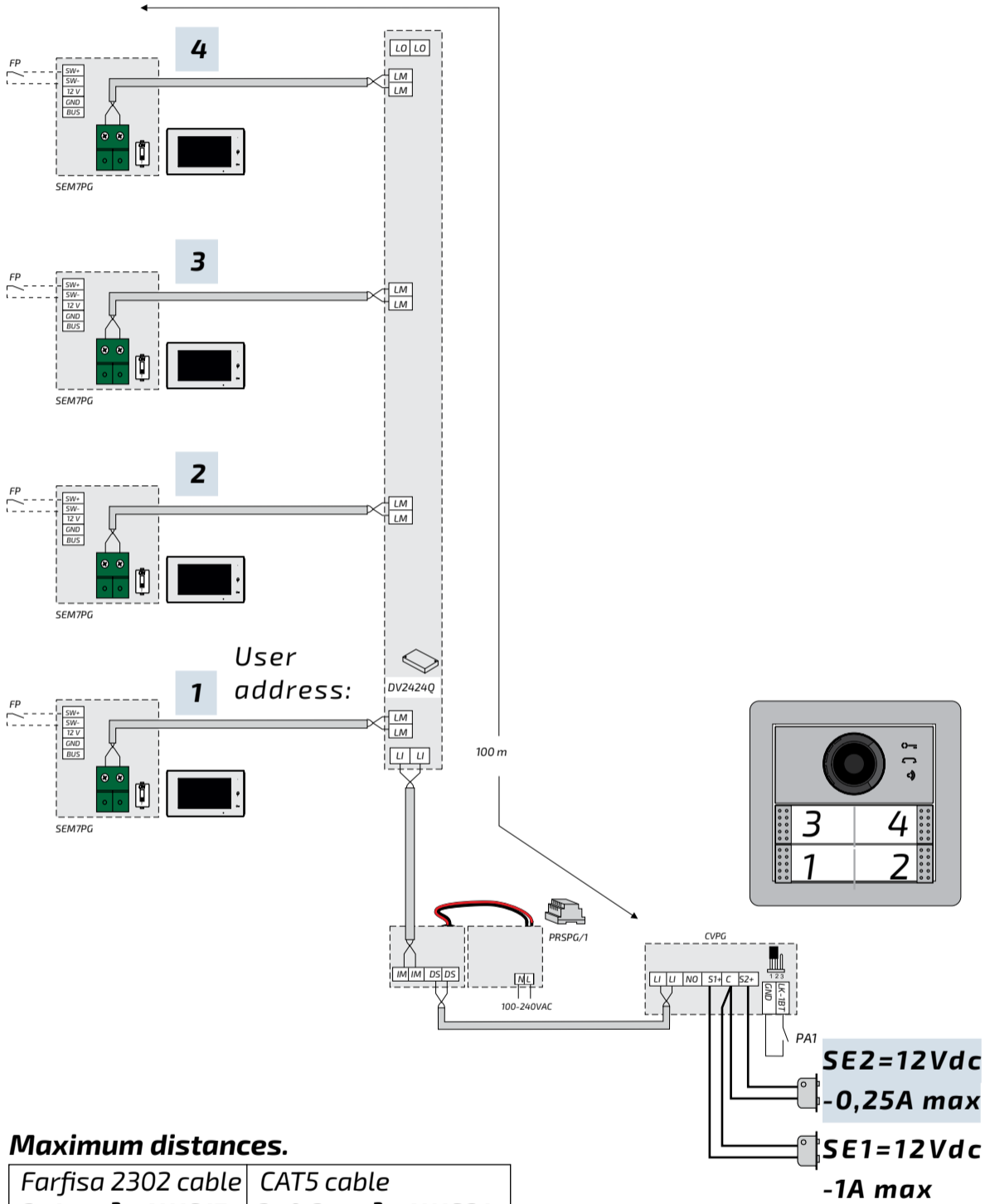
Art. 1SEPG+



ONE-WAY KIT INSTALLATION DIAGRAM (no programming required)



INSTALLATION DIAGRAM FOR A MULTI-FAMILY SYSTEM



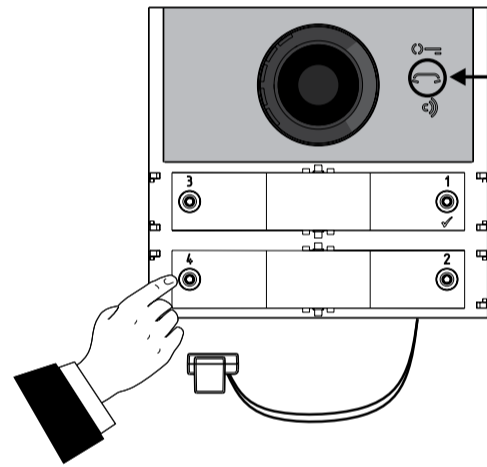
Maximum distances.


Farfisa 2302 cable 2x1mm ² - AWG17	CAT5 cable 2x0,2mm ² - AWG24
100 m	50 m


Multi-family door station configuration.

The following steps show how to configure the external door station (art.CVPG) provided in the PLUGGY+ single-family kit for use in multi-family systems:

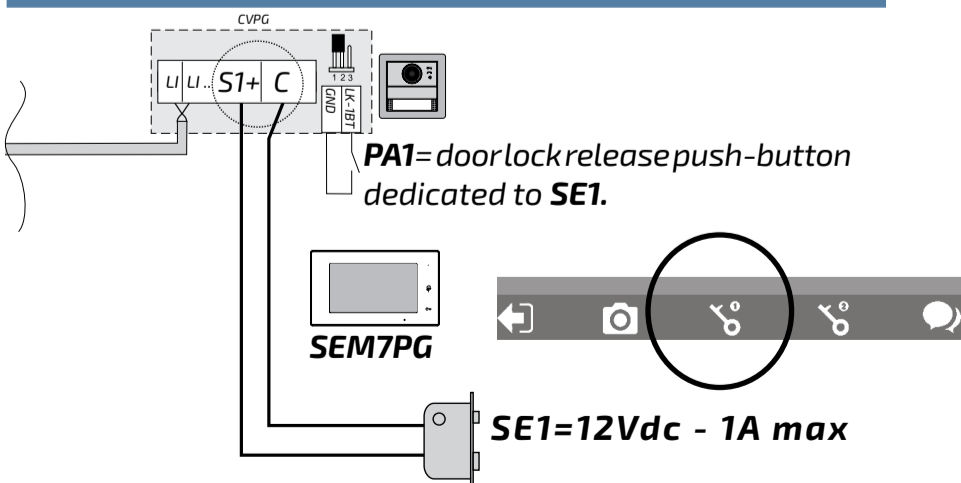
1. switch off the system and again on;
2. within 2 seconds, press and hold down the call button located on the bottom left of the external door station (art.CVPG) until three short and one long beep are heard;



3. the subsequent lighting up for a few seconds of the icon  LED indicates that the external door station has been configured as multi-family..

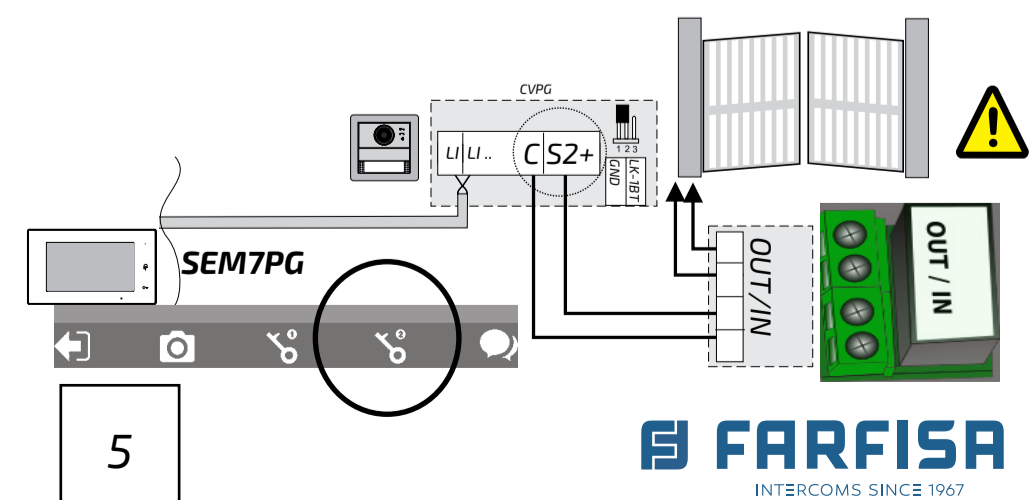
⚠ Note: If a reset to single-family configuration is required, repeat steps 1 and 2 of the above procedure. The icon  LED will light up for a few seconds to indicate that the single-family configuration has been restored.

Door lock release command for SE1.

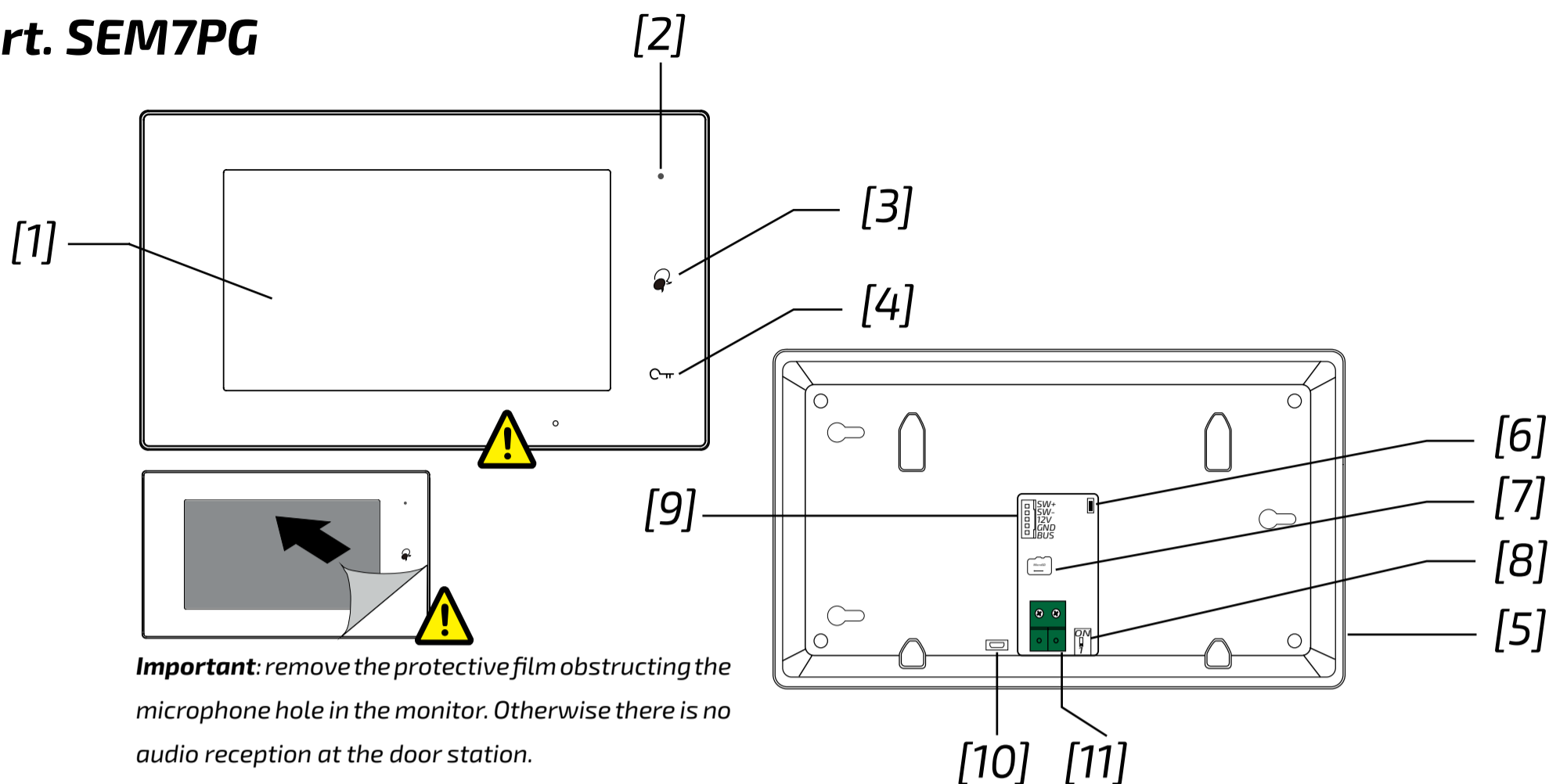


Driveway gate opening command.

⚠ Opening the driveway gate using the supplied relay board, connected in place of the second electric lock (SE2).



Art. SEM7PG



Important: remove the protective film obstructing the microphone hole in the monitor. Otherwise there is no audio reception at the door station.

	Parts and functionalities	Description
[1]	Digital LCD touch screen	Display the visitors' picture.
[2]	Power/No Disturb indicator	Show the power status of the system. Show the not disturb mode.
[3]	Talk/Mon button	Press to communicate hands free with visitor. Press to view the outdoor condition in standby mode.
[4]	Unlock button	Press to release the door lock.
[5]	Speaker	Send out sounds of ring tones, audios and alarms.
[6]	Upgrade button	Use to upgrade the software.
[7]	SD card slot	Use to insert micro-SD card
[8]	DIP	Use to set video impedance.
[9]	Terminal connector	SW+,SW-: Extra door bell call button connection port. 12V,GND: Extra buzzer connection port (12 Vdc-250 mA max).
[10]	Micro USB socket	For data transfer.
[11]	2 wire connector	For 2 wire system.

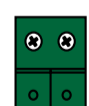
Technical specifications.

Wi-fi hands-free colour video intercom with 7.0" LCD screen for PLUGGY+ series.




Data sheet

Power supply:	from the line
Current:	- stand-by: 0,07 A
	- operating: 0,250 A
Screen:	7" TFT LCD
Resolution:	1024x600
Maximum distance:	100-m
Operating temperature:	0 ÷ +40°C
Maximum humidity:	90% RH

Terminal boards

SW+/SW-	Floor call input
12V/GND	Additional ringer output
	Connection to the riser: 2-wires not polarised

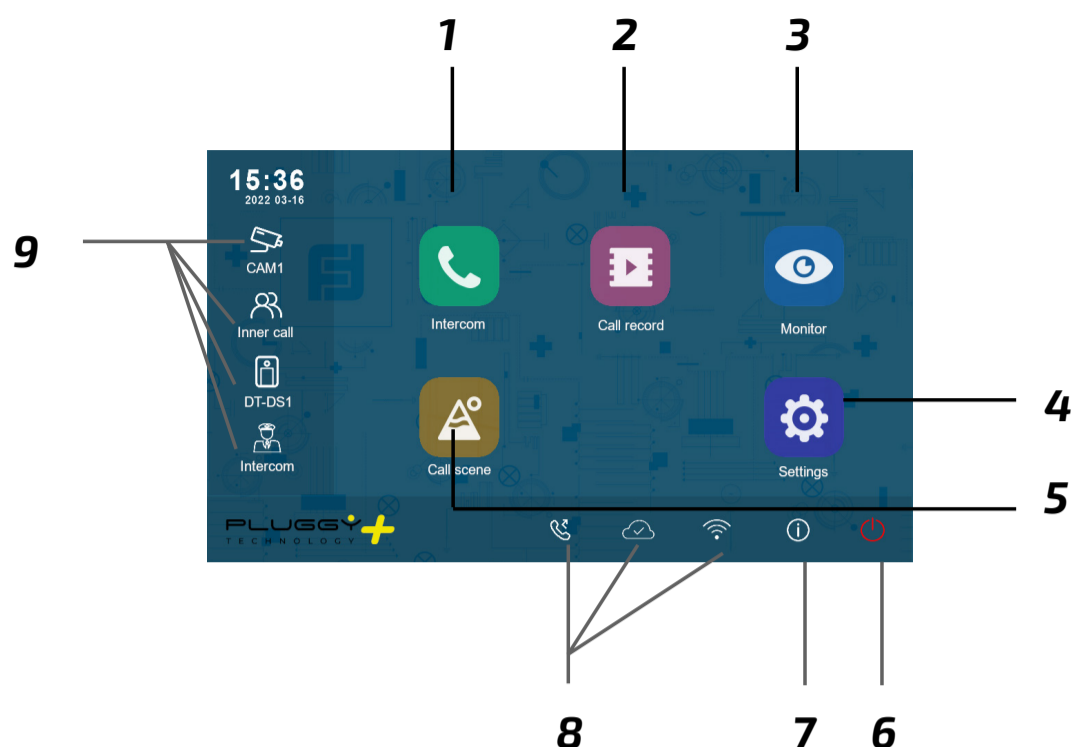
Signalling LED

	Green LED: normal operation
	Steady red LED: do not disturb mode activated
	Red flashing LED: there are not answered calls

NOTICES

- **The switching of the audio channels may be affected by the acoustic configuration of the surrounding environment.**
- Only specialized personnel must do the installation according with the regulations in force.
- Use AWG18 cables for mains connection.
- The device must not be exposed to water.
- The power supplies are protected against overloads or short circuits. To reset, switch off the mains voltage for approx. 1 minute and then switch on after the fault has been removed.

The main menu.






- 1 Intercom icon**
It allows to call other indoor station.
- 2 Call Record icon**
It allows to view the call record.
- 3 Monitor icon**
It allows to monitor the door stations, cameras.
- 4 Setting icon**
Use to change the indoor station's settings.
- 5 Call Scene icon**
It allows to activate the functions of No disturb, Divert.
- 6 Close icon**
Touch to turn off the screen.
- 7 About icon**
It allows to view the information about device.
- 8 Status bar**
It displays icons that indicate the indoor station's status.
- 9 Shortcut windows**
Touch to enter the corresponding items directly.

Status bar icons.





Icon	Description	
	Missed call	It shows there is a new missed call. Touch to review the missed call in shortcut.
	No disturb	Indicates the device is in "No disturb" mode.
	Divert call	Indicates the device is in "Divert call" mode.
	Device online	Indicates device online, but not connect to internet.
	Cloud server working	Indicates the device is correctly connected to the cloud server.
	No cloud server	Indicates the device is not connected to the cloud server.
	Cloud server anomaly	Indicates the device cloud server connection is abnormal.
	mute	Indicates the device is in "Mute" mode.

Other status icons.

Icons	Description	
	Recording	Indicates the device is recording
	Talking	Indicates the device is in "talking" status.
	Unlock	Indicates open the corresponding door.

Answering a call.

When a call is received, the monitor rings and the image is displayed on the screen.

1. Touch the  icon or press the  button. Speak at a distance of about 50 cm from the microphone. The maximum time is about 90 seconds.
2. Once the conversation is over, touch the  icon or press the  button.


The functions available during the conversation are:

- Door lock release
- Manual recording



Receiving a call while a conversation with another indoor unit is in progress: the current call is ended immediately, the monitor rings and displays the image from the external door station. It is possible to start the conversation, operate the door lock release and record videos.

Intercom call.

1. On the main menu, touch the '**Intercom**' icon.
 - A list of entries is displayed.
2. Select 'Name list':
 - The list of monitors that can be called up is displayed. By clicking on the  icon, the name associated with the user can be changed.
3. Select the desired user.
 - Call directly.

Call within the same flat

If there is more than one monitor within the same flat (**only SE7PG as slave**), it is possible to make an intercom call between the various stations.

1. On the main menu, touch the '**Intercom**'

- A list of entries is displayed.

2. Select 'Internal Call' to call. All monitors in the apartment will ring






Displaying the call record


The monitor records video footage on receipt of missed or answered calls.

1. Tap on the '**Call Records**' icon in the main menu:
2. Select the desired item:
 - Missed: By pressing on each item in the list, the film can be viewed.
 - Incoming: By pressing on each item in the list, the film can be viewed.
 - Playback: manually filmed videos are collected



Note: It is possible to manually record videos while in conversation or making surveillance. The following steps describe the operations for viewing the collected videos.

3. Once the item (Lost, Incoming or Playback) has been chosen, touching one of the items in the list allows the associated video to be displayed.
4. The following commands are available to control playback:
 -  Play.
 -  Rlay the next video.
 -  Play the previous video
 -  Delete.
 -  Confirmation of cancellation.

5. When finished, press ← to return to the previous menu or press  to return to the home page



Notes:

1. **Without SD card**, the maximum record-

ing time for video footage is 3 seconds. A maximum of 10 video footages can be saved. Subsequent recordings overwrite the oldest.

If an SD card is present: the recording time for each video footage is 10 seconds by factory setting (a maximum of 600 seconds can be set).

2. 512 GB SD cards maximum are supported.


Do not disturb mode.

If you do not wish to receive calls (do not disturb operation mode), proceed as shown below:

1. on the main menu, tap on the '**Call Scene**' icon.
2. select one of the 2 options listed below:
 - Do Not Disturb 8H: the do not disturb mode is set for 8 hours.
 - Do not disturb always: the do not disturb mode is set until a later change.



Notes:

- * on the front panel, the LED on the right lights up steadily in red (do not disturb mode enabled);
- * the status bar of the main menu will display the icon "";
- * if you make an external call, a dissuasion tone is heard.

Call forwarding.

The call from the external door station can be forwarded to your smartphone. This function requires a Wi-Fi connection.

1. In the main menu, tap on the '**Call Scene**' icon.
2. Choose the desired option.
 - Divert call if no answer: If no one answers within 30 seconds after receiving the call from the door station,

the call is diverted to the smart phone. The monitor displays the image from the door station until the call is diverted. If the call is answered from the monitor, the diversion will be ended.

- **Divert always:** the call will be immediately diverted to the smart phone and the monitor will switch off as soon as the call has been answered by the smart phone.



Notes:

- * the monitor must be connected to a network by Wi-Fi;
- * the status bar of the main menu will display the icon "📶".

Setting ringtones.

The choice of the melody to be assigned to the call can be made individually for each type of call so that it can be distinguished from the others.



Notes:

Twenty-two different ringtones are available to assign to the various call types.

To change ringtones, proceed as described in the following steps:

1. with the monitor in standby, press the screen anywhere. The Home screen will be displayed;
2. Touch the **'Settings'** icon;
3. the list of the 4 available setting options will be displayed. Press on the first option 'Call Tone';
4. In the submenu, you can perform all the settings listed below

Ring volume.

The ringer volume can be set. The setting is valid for each type of call.

Ring timing:

The duration of the ring tone is set.

Door calling ring

Choice of ring tone for external call.



Notes:

In this item there are four options: door station 1, door station 2, door station 3 and door station 4 (for future use). Choose and edit only door station 1.

Doorbell ring.

Choice of ring tone for floor call (SW-/SW+ inputs).

Intercom ring.

Choice of ring tone for intercom call from other flat.

Innecall ring.

Choice of ring tone for intercom call from another monitor in the same flat.

5. Press ← / ⏪ to save the new settings.

Changing general settings.

By the following steps, date, time and language settings can be changed:

1. with the monitor in standby, press the screen anywhere. The Home page will be displayed;
2. touch the **'Settings'** icon;
3. the list of the 4 available setting options will be displayed. Press on the second option 'General';
4. in the submenu accessed, the following settings can be made.

Date and time.

In this section you can edit:

- Data mode: MM/DD/YYYY, DD/MM/YYYY or YYYY/MM/DD.
- Time mode: on 12/24 hours: HOUR_12 or HOUR_24;
- Date (tap to change);
- Time (tap to change);
- Internet time: pressing this item synchronises the date and time of the monitor with the network (the monitor must be connected via wi-fi).

Language.

In this section it is possible to change the

default language of the monitor. Changing the language is possible at any time.

Shortcut setting.

This section allows four icons to be added or removed on the left side of the Home screen, corresponding to four shortcuts that can be used to quickly activate a command (e.g. internal call).

To configure shortcuts, once you have tapped on "Shortcut setting", proceed as described below:

- select the shortcut you wish to change (1, 2, 3 or 4);
- select or remove the function to be associated with the shortcut.

SD card.

By inserting a micro SD card in the back of the monitor, in the General category of the Configuration menu, the SD card item offers two options:

- SD information: about card capacity;
- copy images: to copy images recorded on the SD card.

5. Press ← / ⏪ to save the new settings.

Changing user address.



This setting should only be made if the monitor is part of a multi-family system (do not change in the case of a single-family kit).

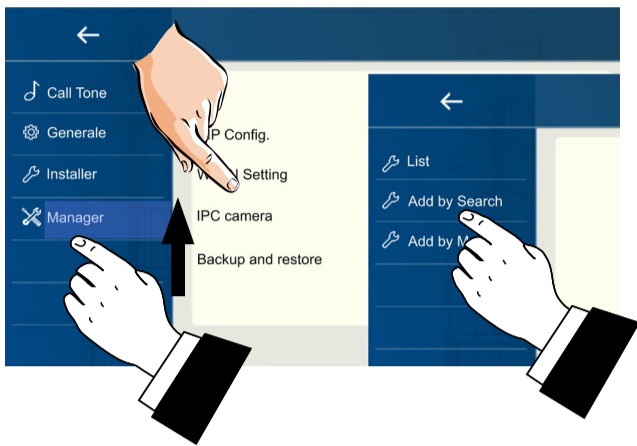
To change the user address, proceed as described in the following steps:

1. With the monitor in standby, press the screen anywhere. The Home screen will be displayed;
2. touch the **'Settings'** icon;
3. the list of the 4 available setting options will be displayed. Press on the third option 'Installer';
4. in the sub-menu, tap on 'Call_Nbr' and, after entering the password 66666666, enter the new user address. Values compatible with the external door station in four-family mode are: 1, 2, 3 and 4.
5. press ← / ⏪ to save the new settings.

Adding a CCTV camera.

Touch the **"Settings"** icon in the Home and

then go to "Manager". As in the following pictures, a ONVIF IP camera (H264, H265, maximum resolution 1080p) can be added, with automatic or manual search, which can be displayed both on the monitor screen and from the VDP Connect app.

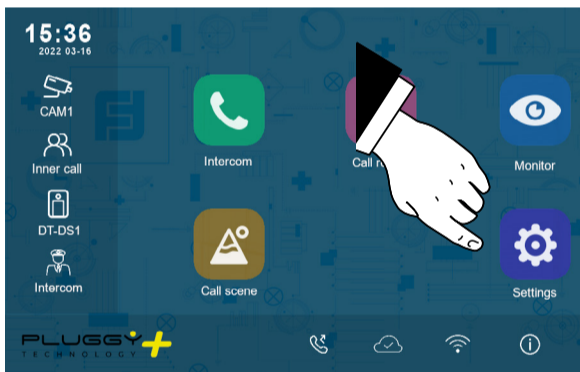


Forwarding the call to the smart phone.

To set up call forwarding to the smart phone, follow the steps below:

Connecting the monitor to the wi-fi.

1. in stand-by touch the screen anywhere. The Home page will be displayed. Press, the wi-fi icon;



2. the list of available wi-fi networks will be displayed. Select that one you want to connect. Enter the password and wait for the monitor to connect.

Downloading VDP Connect app.

1. Scan the QR codes below and download the VDP Connect app to your smart phone:

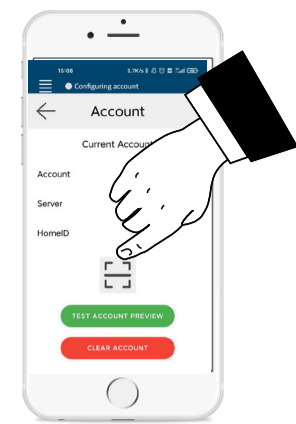
iOS



Android



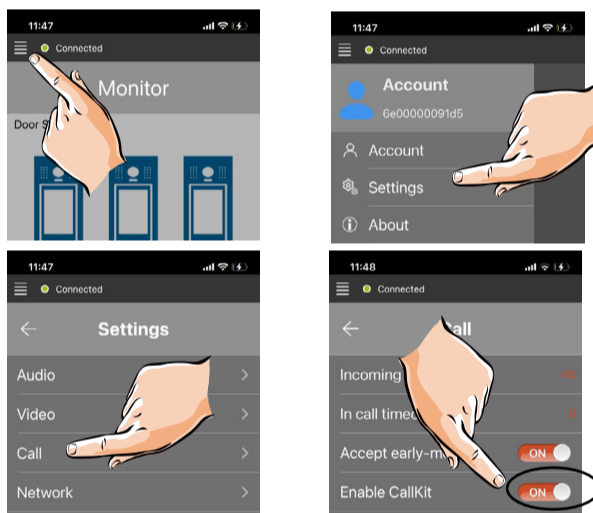
2. grant the app the required permissions and then press the scan icon:



3. scan the QR code that will be displayed on the monitor as described below:



Note: in iOS mobile phones the 'Call-Kit' option of VDP Connect must be enabled.



Connecting the monitor to the smart phone.

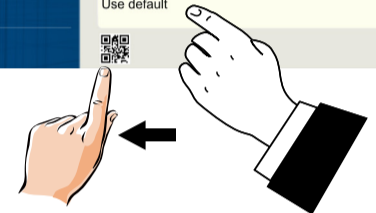
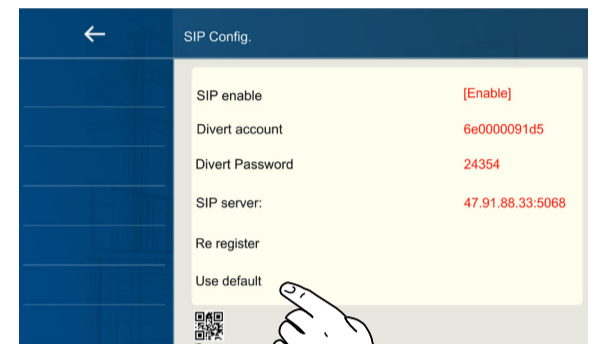
1. With the monitor in standby, touch the screen anywhere. The Home page will be displayed;
2. touch the "Setting" icon;



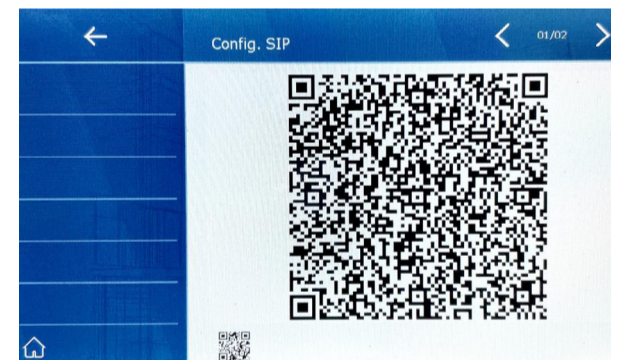
3. on the left side there are the four options of possible settings, tap on the fourth option "Manager" and then press "SIP config.".



4. on the next page, press "Use default" and then touch the QR code at the bottom of the screen;



5. the QR code will be displayed enlarged and must be scanned by the "VDP Connect" app previously installed on your smart phone.



Receiving a call on your smart phone.

It is immediately possible to view images from the external door station camera on your smart phone.

Note: Receiving of the mobile call will only take place after call forwarding has been activated (see section "Call Forwarding").

Changing Door Station Parameters

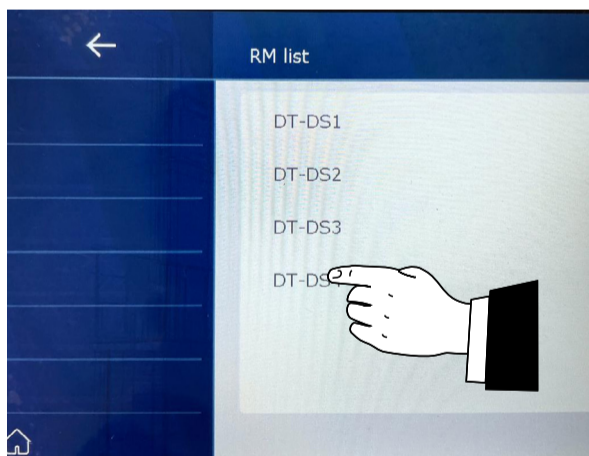
⚠ The settings described in this chapter are not normally necessary but may be used in some particular system configurations, and should only be carried out by qualified personnel.

Per entrare nella parte del menù in cui tali modifiche possono essere eseguite è necessario:

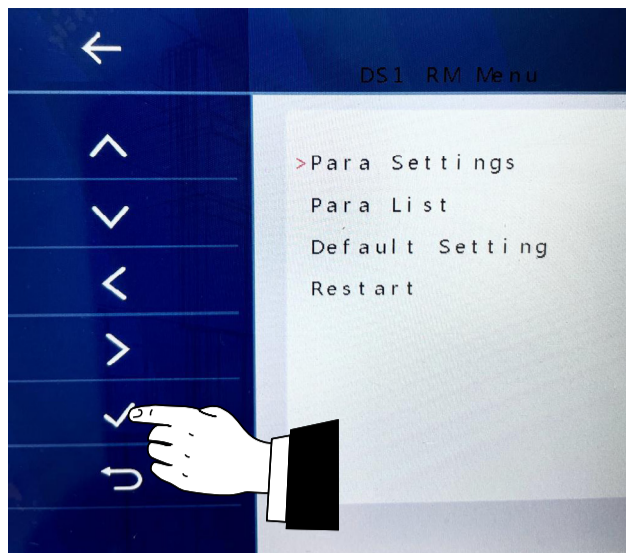
1. with the monitor in standby press anywhere on the screen. The Home screen will be displayed;
2. touch the "Configuration" icon;
3. the list of the 4 available setting categories will be displayed. Press on the third category "Installer";
4. in the submenu accessed, tap on "RM list";



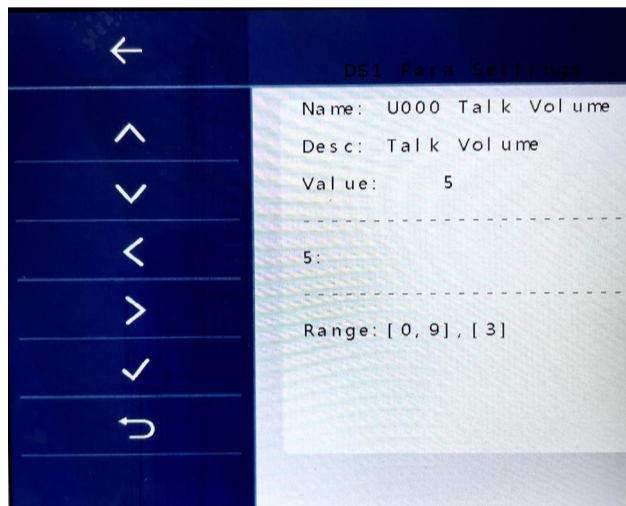
5. enter the access password (66666666 by default). In the submenu accessed, tap on the entry "DT-DS1":



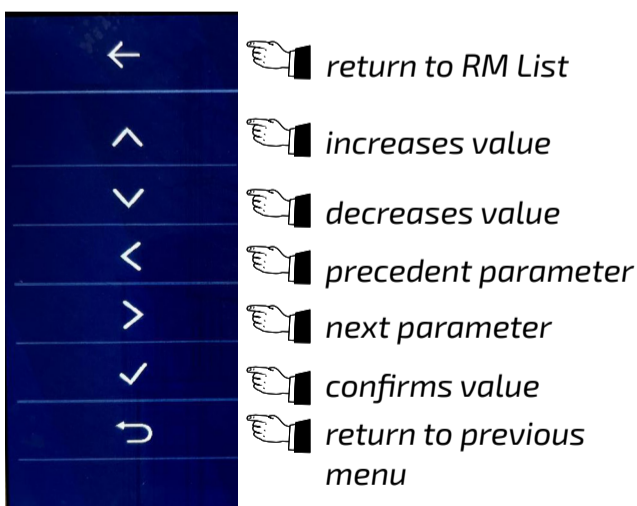
6. the door unit access password will be requested. Enter the 2020 password;
7. once the correct password has been entered, 4 actions are proposed on the monitor. To change door unit settings, make sure that the red ">" symbol is positioned next to 'Para Settings'. If this is not the case, use the ^ / v arrows to move ">" and then press the confirmation tick as shown in the figure that follows:



8. at this point the monitor displays the first of the pages, each relating to the setting of one of the door unit parameters (the first is U000). The next paragraph shows the list of parameters that can be changed. Some of these are discussed in more detail, starting on page 21, in the paragraphs dedicated to changing door unit parameters using the SE7PG monitor.



9. Navigating through the screens relating to the various parameters that can be changed and editing them is done with the help of the 'buttons' on the left-hand side of the screen. The meaning of each is indicated in the following lines:



- ⚠ Once the chosen parameters have been changed, a door unit Restart should be carried out, using the last "button" described above, to return to the DS1-RM Menu, using the arrows ^ / v symbol ">" on the "Restart" action and finally**

confirming with the tick button. Restart ensures that all changes made are fully operative.

Parameter list.

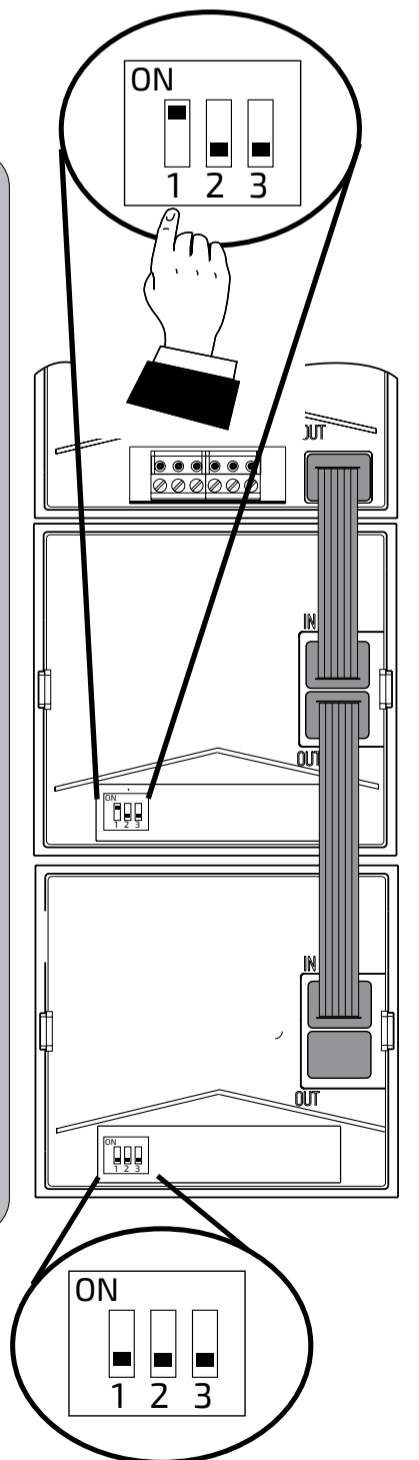
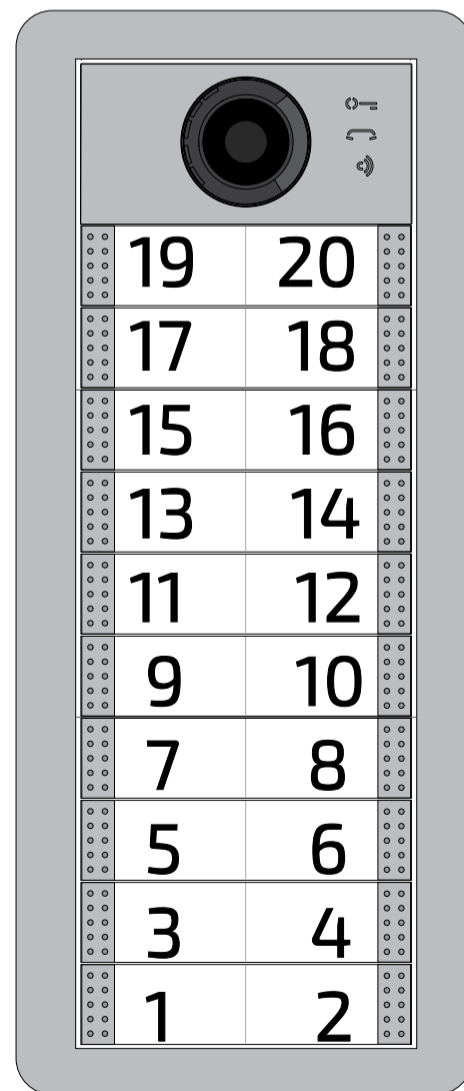
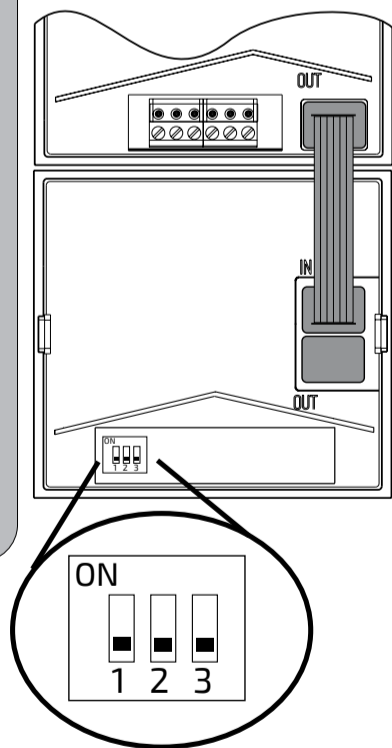
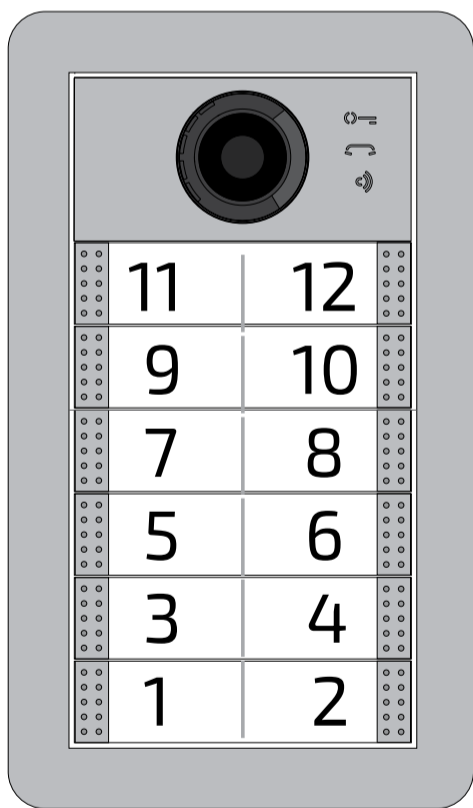
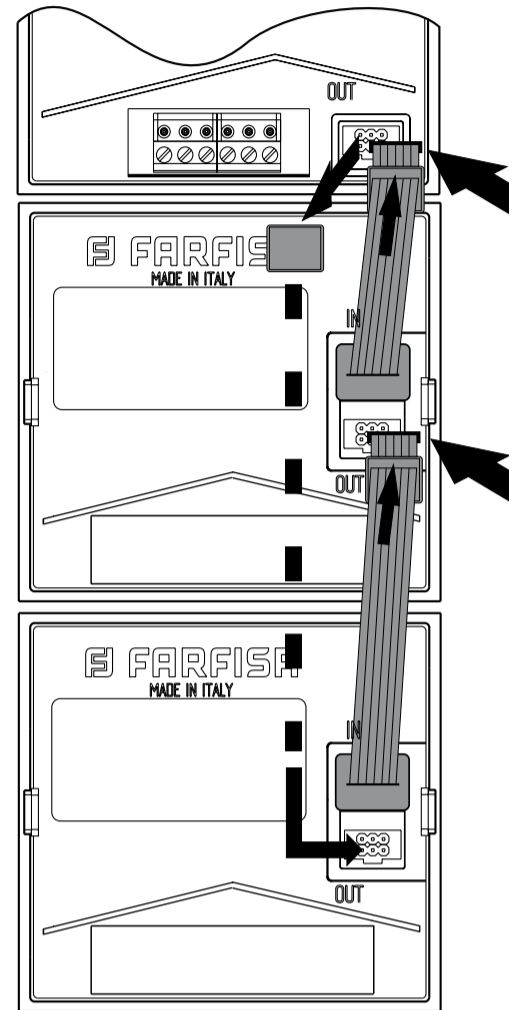
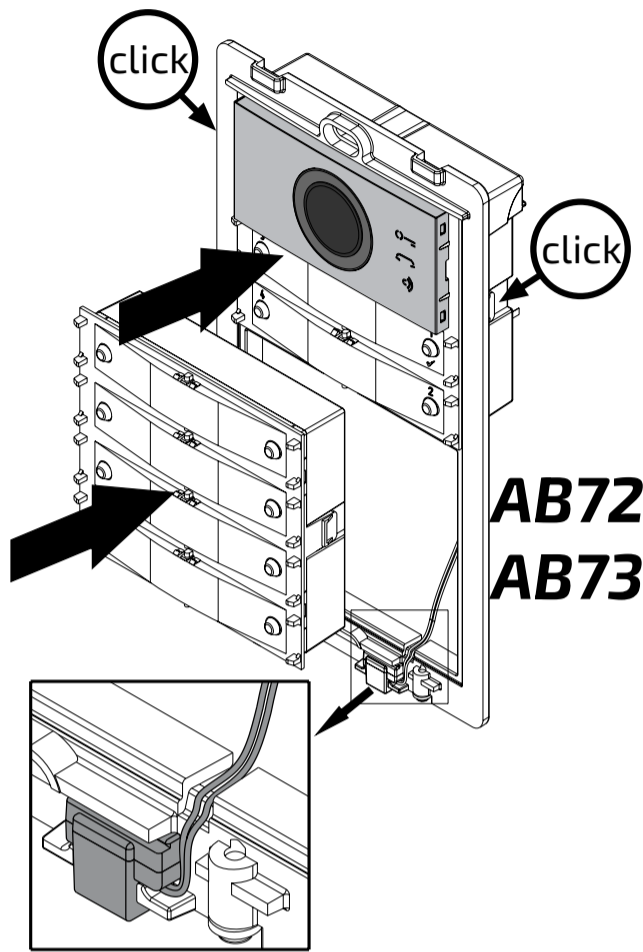
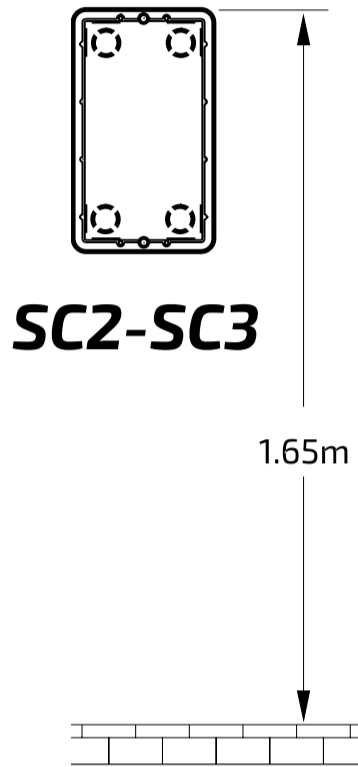
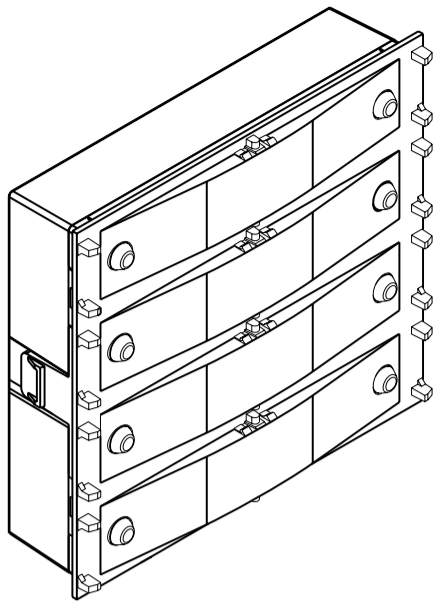
- U000: talk volume
- U001: prompt voice (off/on only in English)
- U002: volume della sintesi vocale
- U003: unlock mode
- U004: unlock time
- U005: unlock 2 mode
- U006: unlock 2 time
- U007: night light
- U008: ring counter
- U009: ring time
- U010: ring mode counter/time
- U011: address **⚠ do not change!**
- U012: calling mode
- U013-U032: keys 1-20 call rooms.

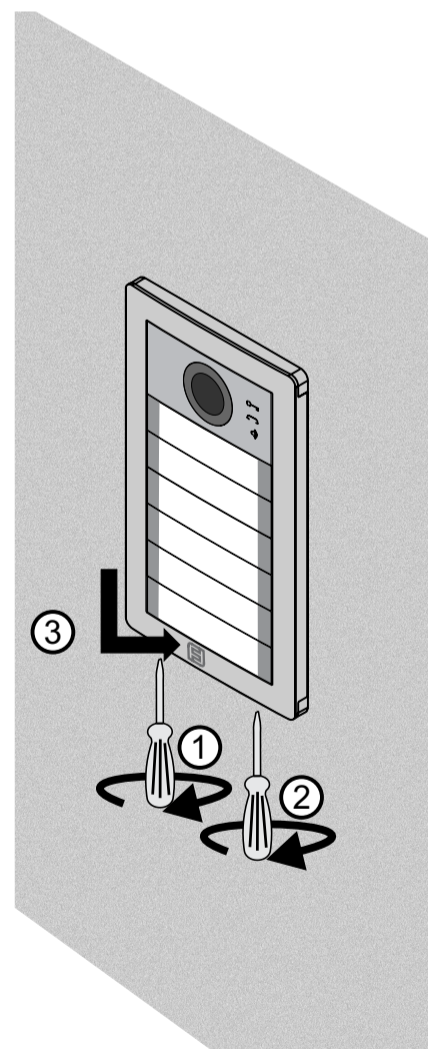
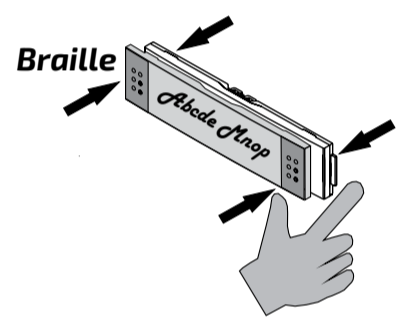
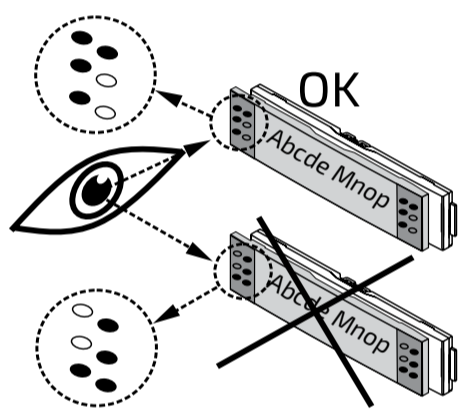
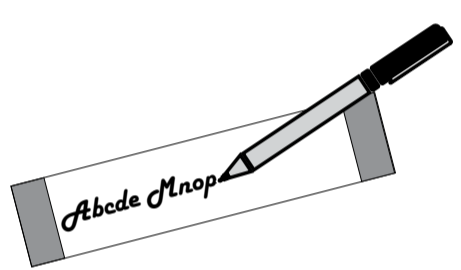
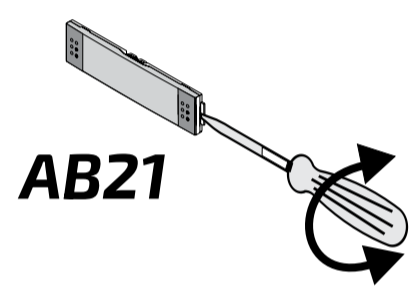
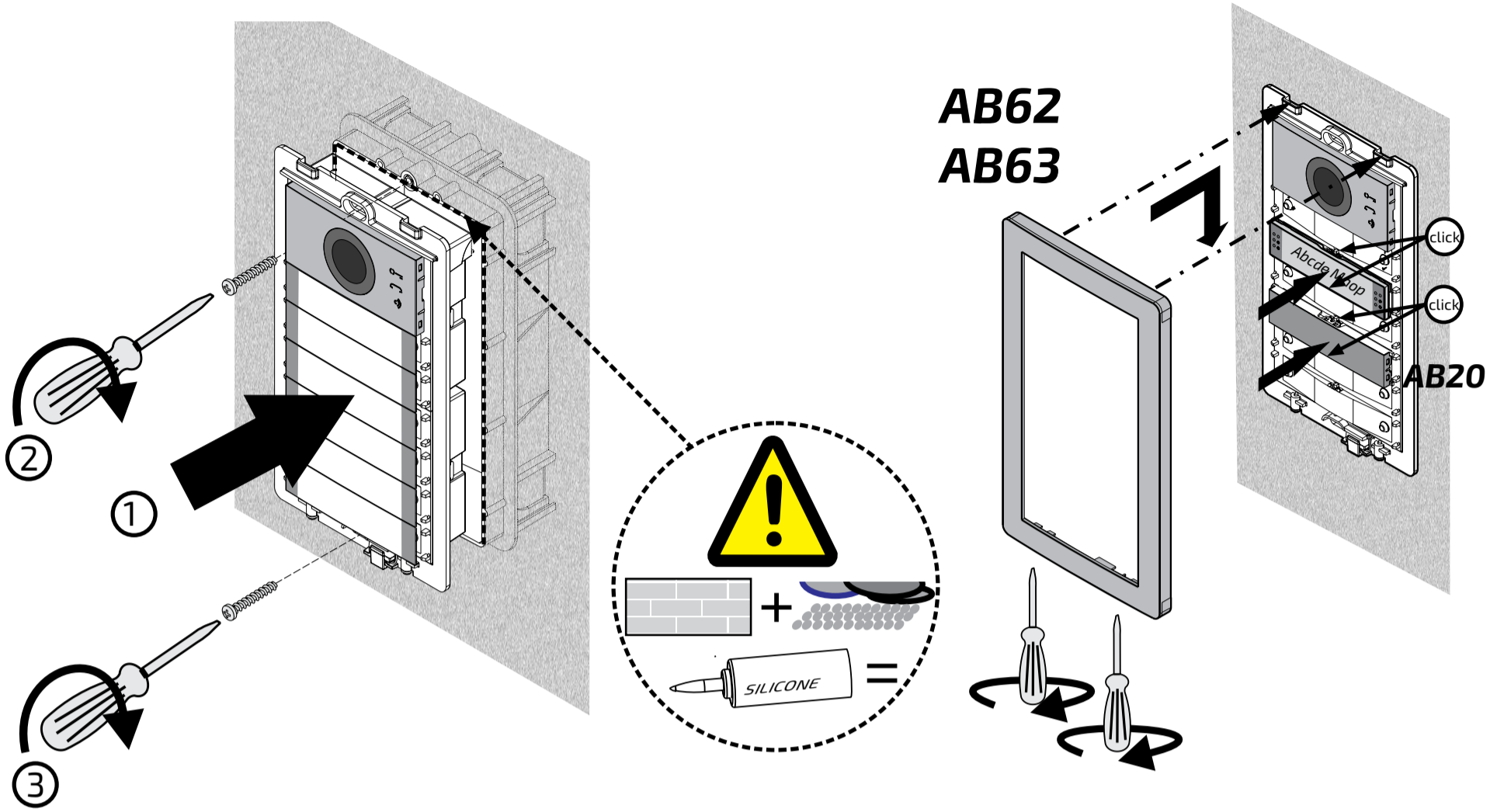
PG+
EN

PLUSEY+
TECHNOLOGY

Art. CTPG

ALBA





! The user address of each monitor must be configured in accordance with the addresses called by the external door station

To change the user address of SEM7PG monitor, proceed as described in the following steps:

1. With the monitor in standby, press the screen anywhere. The Home screen will be displayed;
2. touch the **'Settings'** icon;
3. the list of the 4 available setting options will be displayed. Press on the third option 'Installer';
4. in the sub-menu, tap on 'Call_Nbr' and, after entering the password 666666, enter the new user address. **Values compatible with the external door station in multi-family mode are from 1 to 20.**
5. press ← / ⏪ to save the new settings.

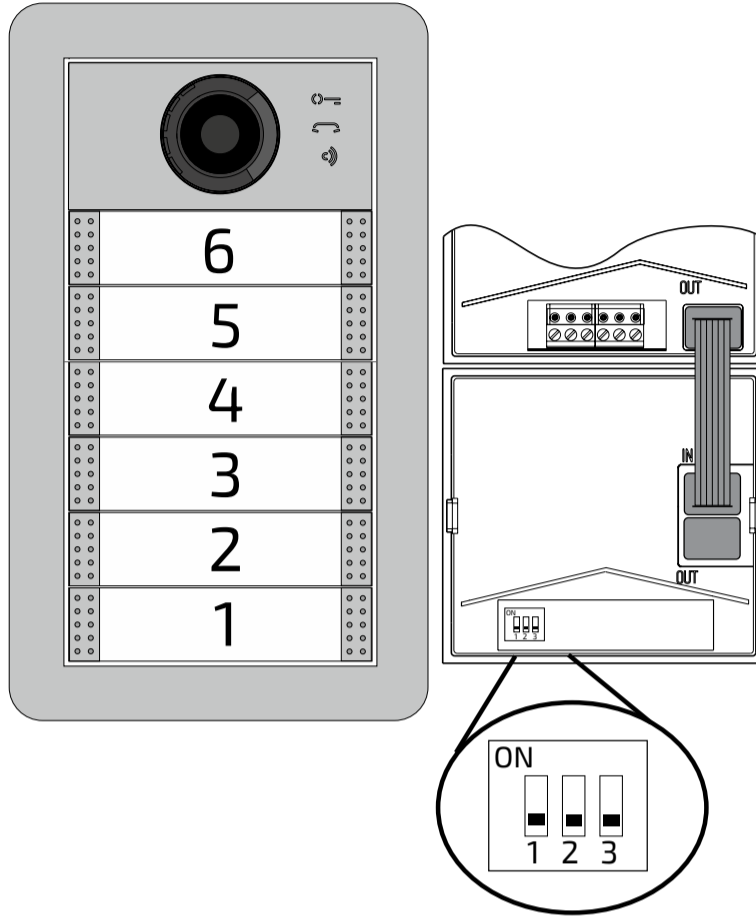
In the case of SE7PG and SEIPG, proceed by setting the respective address on the dip-switches on the rear. **Each time the dip-switches are changed, it is necessary to remove and then restore power to the system.**

Single-row call button configuration.

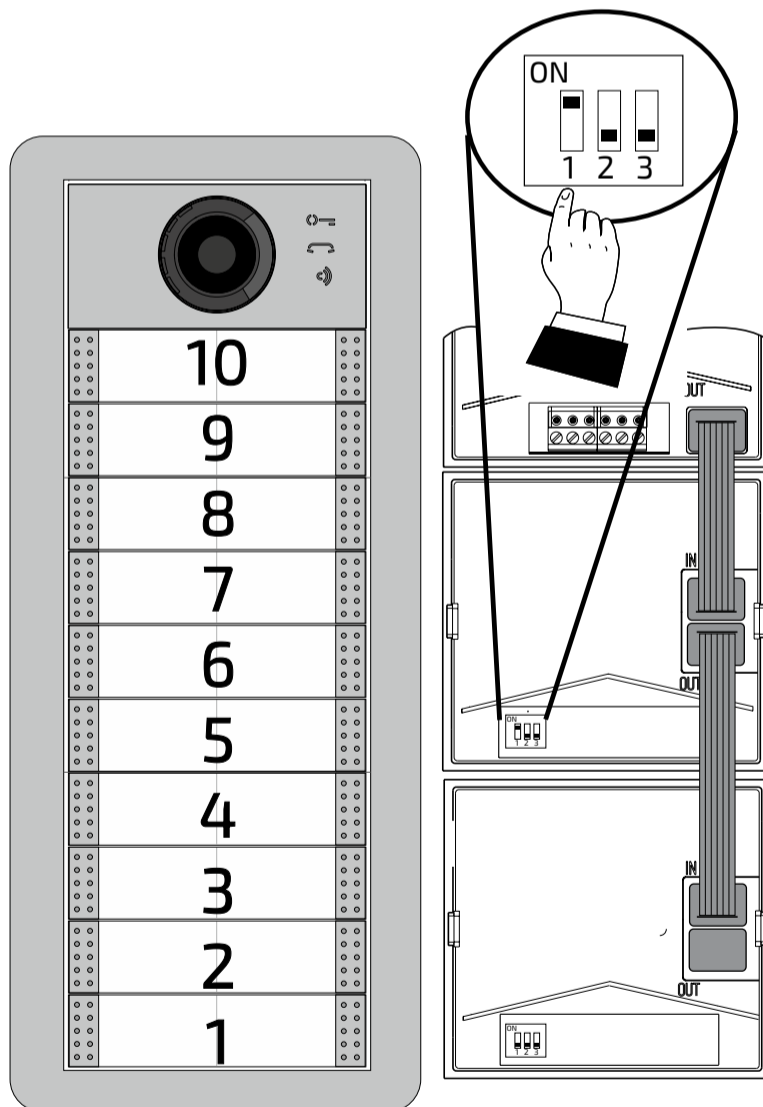


In this case, it is necessary to configure parameters U013-U032, using the procedure indicated on the previous pages with SEM7PG or that indicated starting on page 22 in the paragraphs on programming with SE7PG.

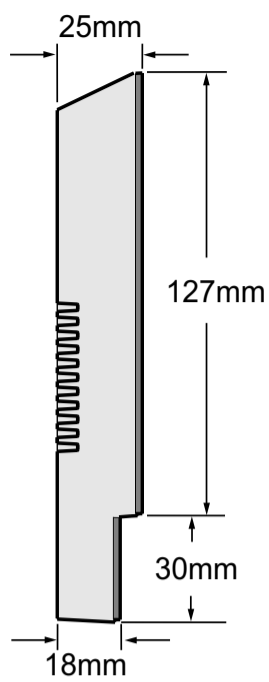
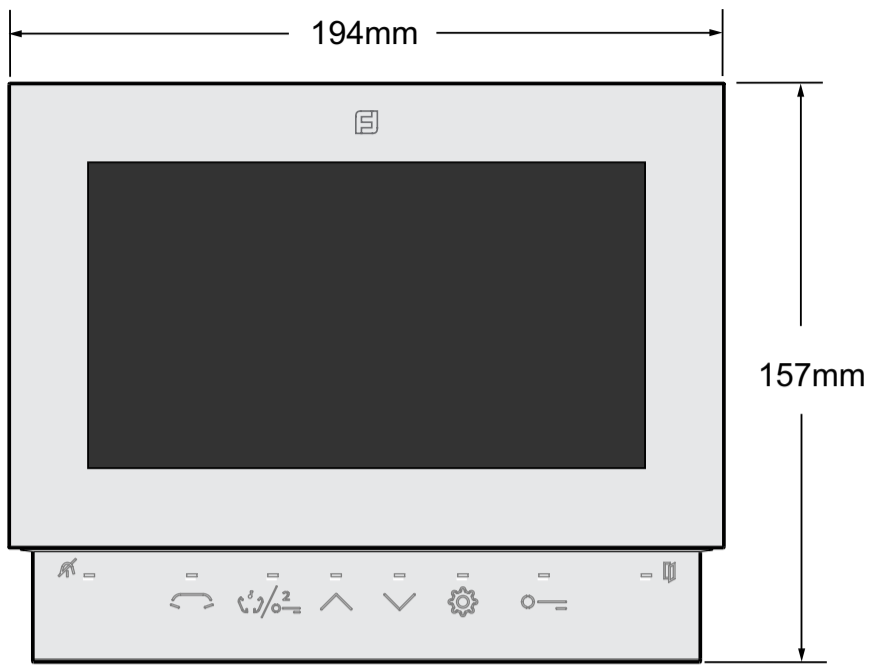
U013=U014=1
U015=U016=2
U017=U018=3
U019=U020=4
U021=U022=5
U023=U024=6



U013=U014=1
U015=U016=2
U017=U018=3
U019=U020=4
U021=U022=5
U023=U024=6
U025=U026=7
U027=U028=8
U029=U030=9
U031=U032=10



Art. SE7PG



Colour videointercom for PLUGGY technology

Colour videointercom with 7.0" LCD screen for PLUGGY technology.

Technical data

Power supply: by the line

Absorption:

- in stand-by: 8 mA
- in operation: 270 mA

Screen: 7" LCD

Operating temperature: 0 ÷ +40°C

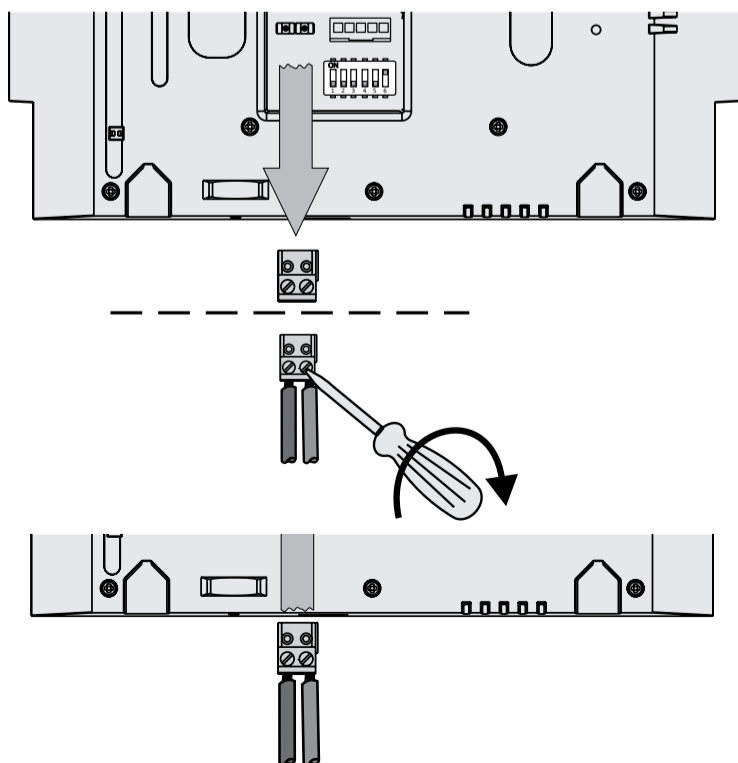
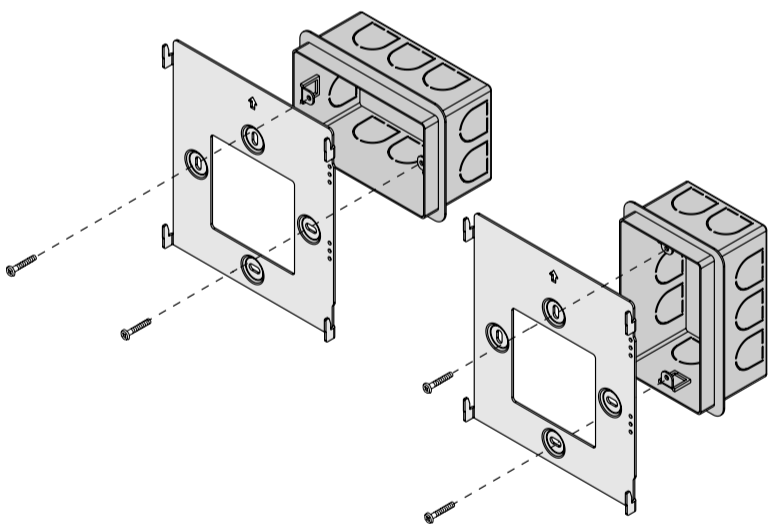
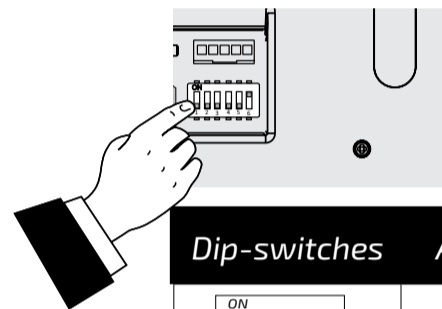
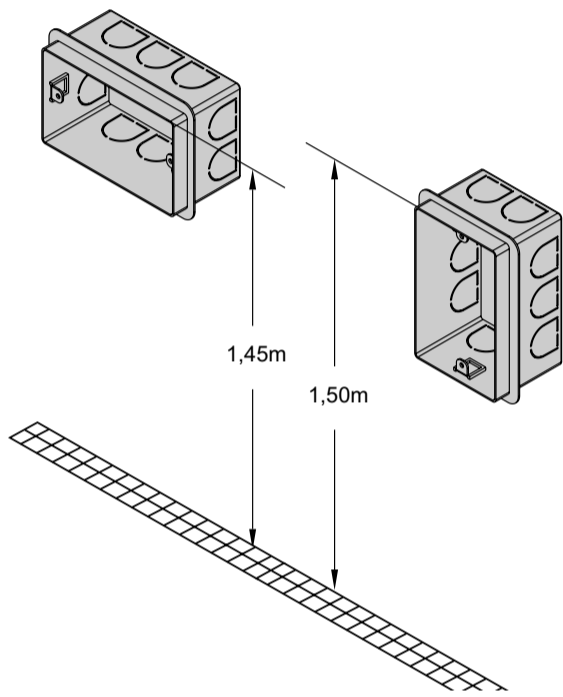
Maximum permissible humidity: 90%RH

Terminal boards

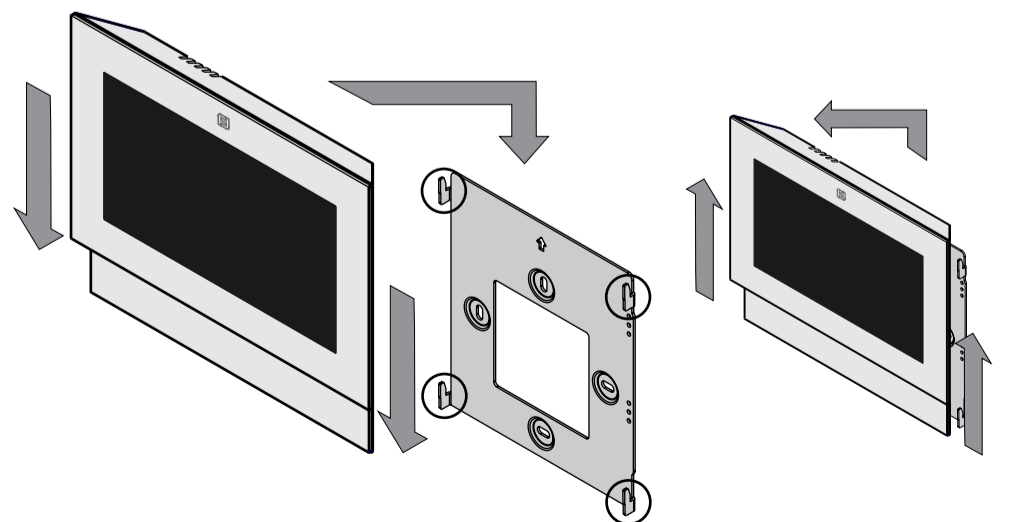
LO / LO Line input

SW+/SW- Floor call input

GND/RING Additional ringer output (12Vdc-250mA)

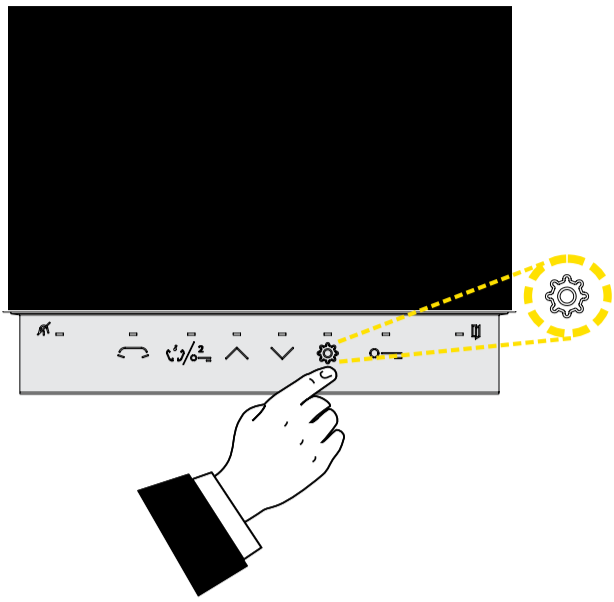



Dip-switches	Address	Posizione	Dip-switches
	1		11
	2		12
	3		13
	4		14
	5		15
	6		16
	7		17
	8		18
	9		19
	10		20



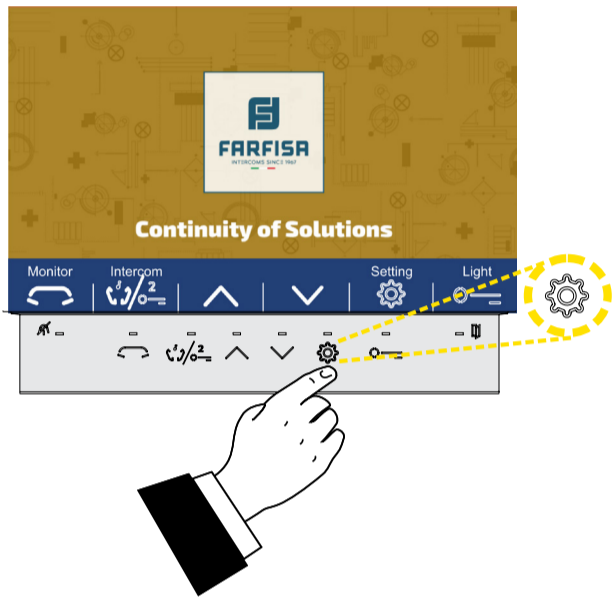
Selecting ring tones and setting the volume of the ring tone.


1



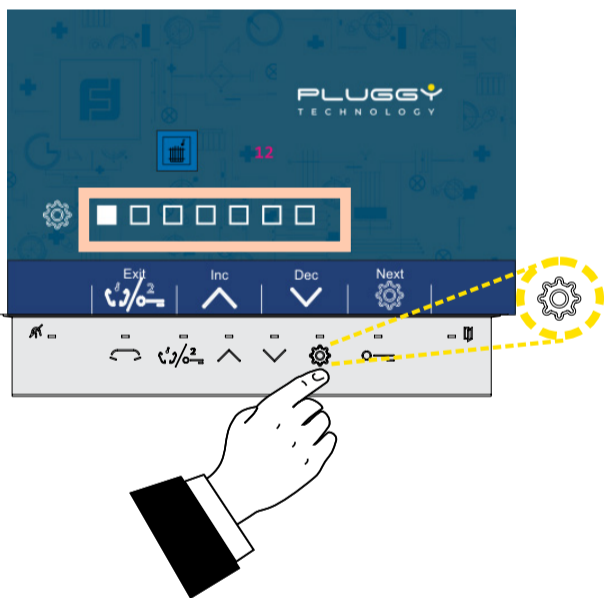
When the monitor is switched off (system in standby), press the key  to switch the videointercom on. You can see the image shown in figure 2 below.

2






Press the button  again to access the configuration menu (see figure 3 below).

3






The yellow box drawn in the figure beside highlights 7 small squares representing the pages of the menu. The white filling of one of the small squares indicates that you are navigating within the corresponding page of the menu. As soon as you enter the menu, the filled square is the first, which means you are on the first page.






On this page it is possible to choose (from 12 different melodies), using the  and  keys, the ringtone to be assigned to the door call. Pressing the key  will save the choice made and move to the next page for configuring the ringtone for the intercom call.





On this page it is possible to choose (from 12 different melodies), using the  and  keys, the ringtone to be assigned to the intercom call. Pressing the key  will save the choice made and move to the next page for configuring the ringtone for the floor call.





On this page it is possible to choose (from 12 different melodies), using the  and  keys, the ringtone to be assigned to the floor call. Pressing the key  will save the choice made and move to the next page for setting the volume level (common for all call types).






On this page, the volume level valid for all three call types to be associated with the ringtones can be chosen (from 9 levels: 1-9, factory setting: 6) using the  and  keys.




Attention: volume level 0 (zero) is equivalent to the exclusion of all ring tones. In this condition, the  LED next to the icon remains permanently lit. Pressing the  key will save the setting and take you to the next page which allows you to reset the call to the factory settings..

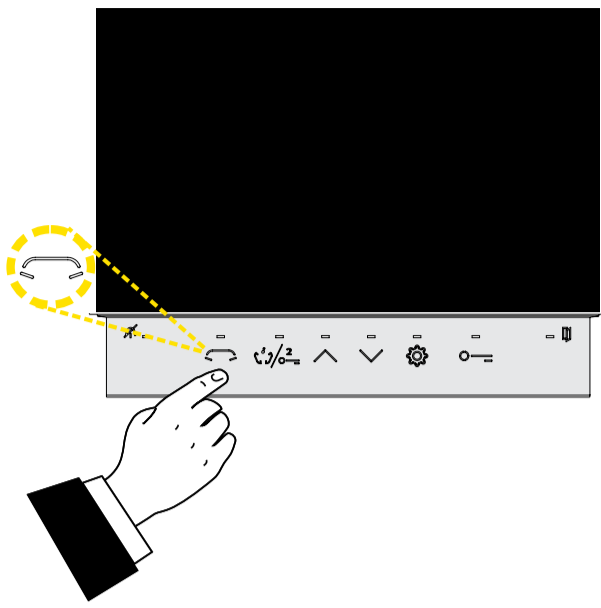



On this page, the call settings can be restored to the factory settings using the  and  keys. Press the  key to save your choice and go to the next page.



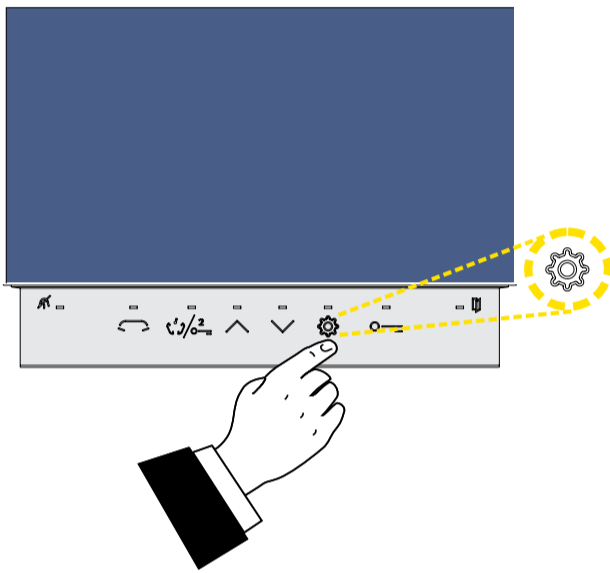
The icons on the side of this page indicate the device address and the installed internal software version. Press the  key to exit the menu.


1



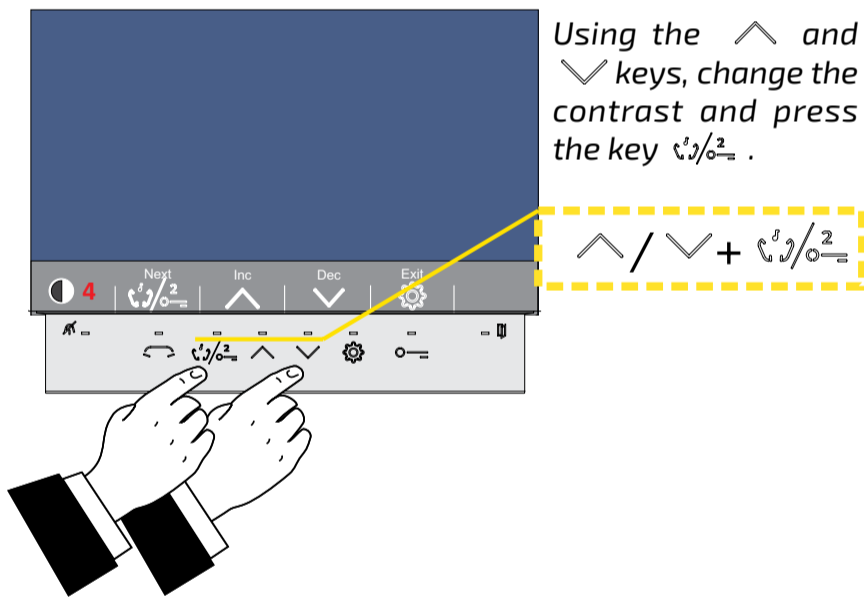
When the monitor is switched off (system in standby), press the key  to switch the videointercom on.




2

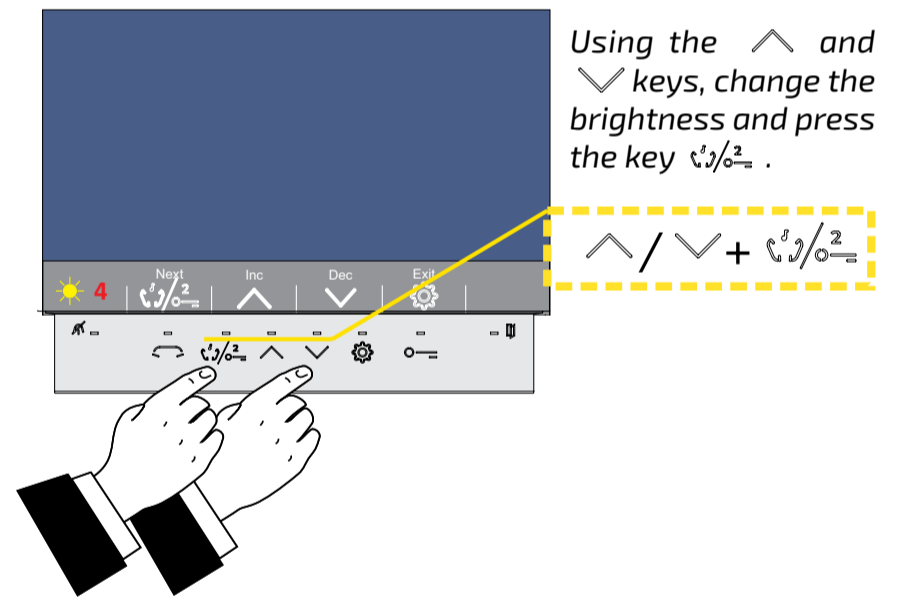





Press the key  to activate the configuration mode, shown in the following figures for contrast, brightness, colour and volume respectively.

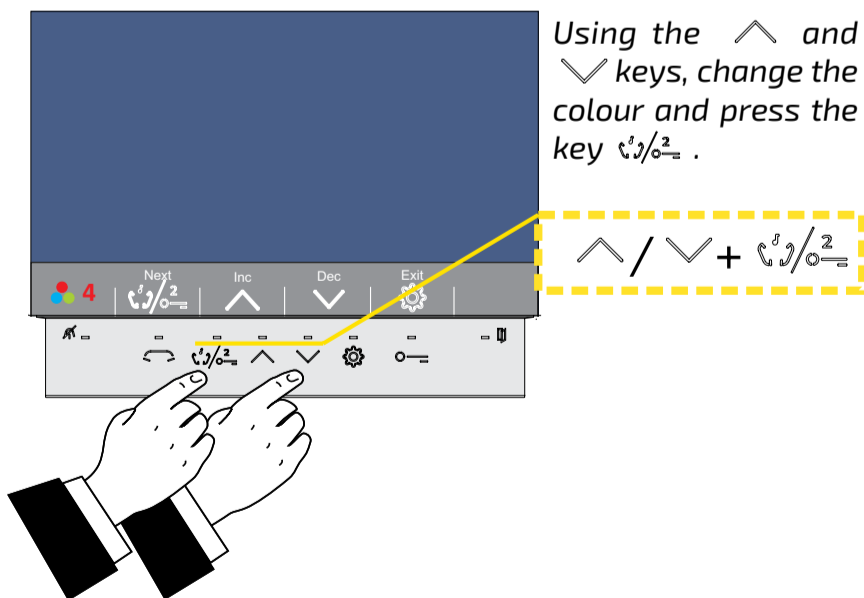
3






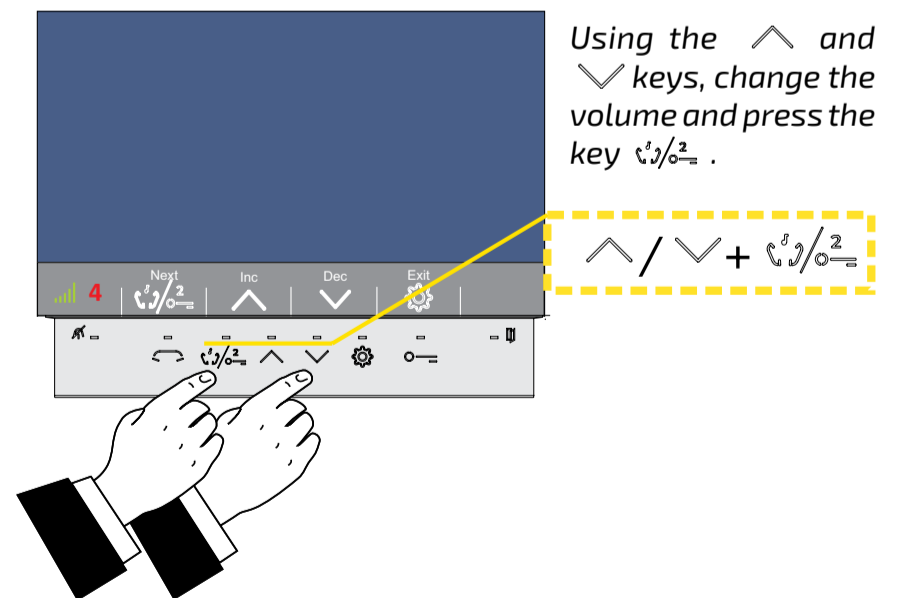
Using the  and  keys, change the contrast and press the key .






Using the  and  keys, change the brightness and press the key .

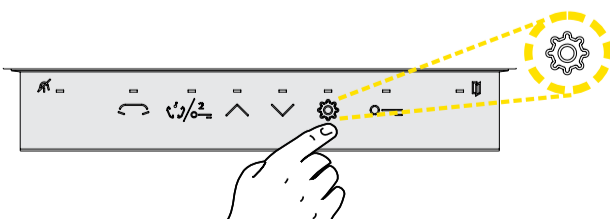



Using the  and  keys, change the colour and press the key .



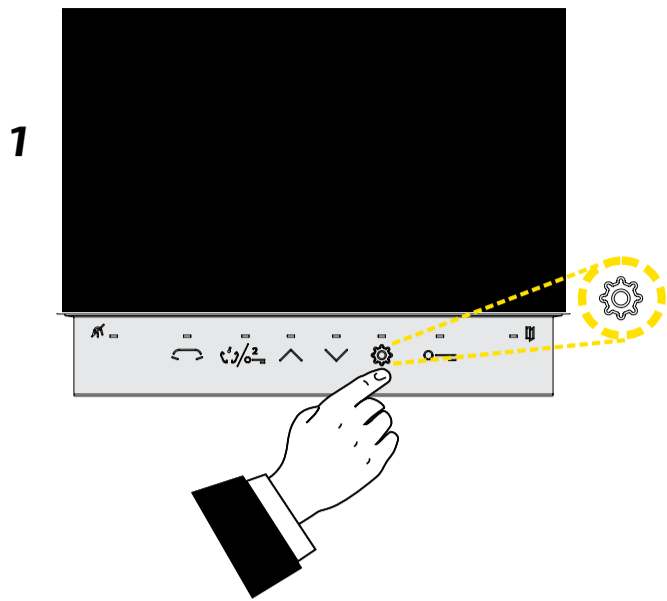
Using the  and  keys, change the volume and press the key .


4

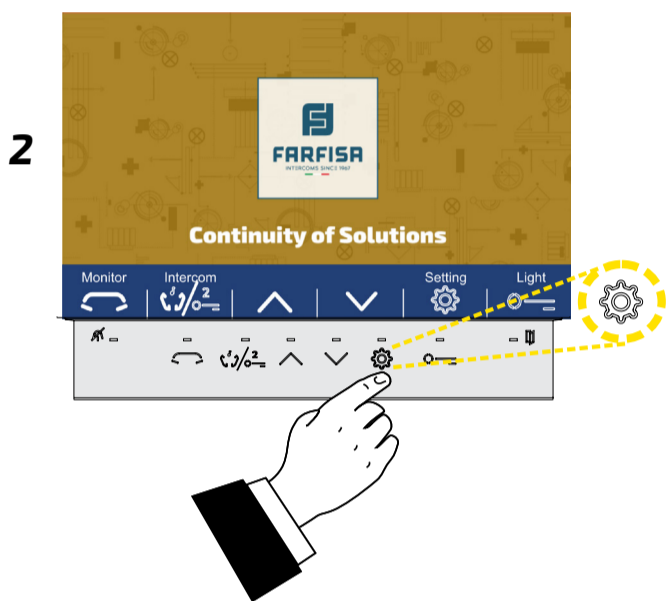



Exit the configuration menu by pressing the  key.

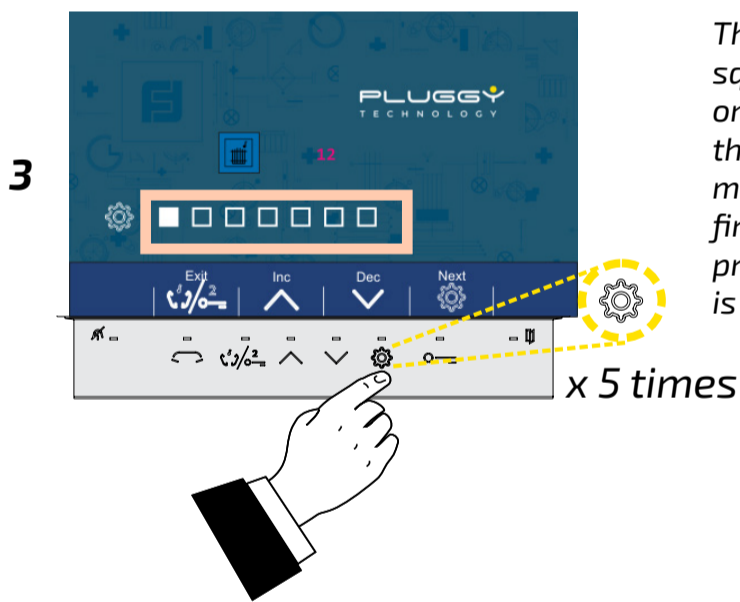
Activation of intercom call functionality between apartments.




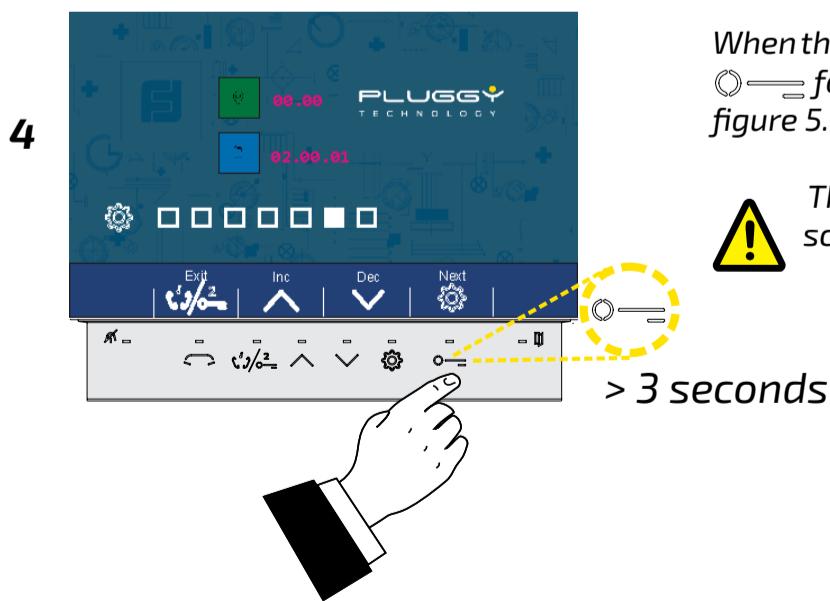
When the monitor is switched off (system in standby), press the key  to switch the videointercom on. You can see the image shown in figure 2 below.




Press the button  again to access the configuration menu (see figure 3 below).




The yellow box drawn in the figure beside highlights 7 small squares representing the pages of the menu. The white filling of one of the small squares indicates that you are navigating within the corresponding page of the menu. As soon as you enter the menu, the filled square is the first, which means you are on the first page. You must move to the sixth page (filled square 6) by pressing the button  five times. Figure 4 below shows what is displayed.

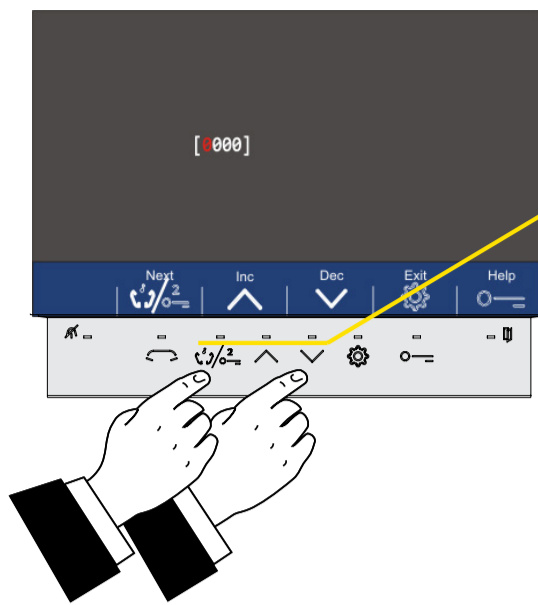


When the page on the left is displayed, press and hold the button  for a few seconds until the image shown is that of next figure 5.



The icon  does not appear in the blue bar of the screen as it leads to a 'hidden' setting page.

5



Code **9015** must be entered. Start from the left:

- using the keys ^ and v enter the digit '9' and press the key 0; ;
- since the "0" in the second position is already present, press the key 0; ;
- using the keys ^ and v enter the digit '1' and press the key 0; ;
- using the keys ^ and v enter the digit '5' and press the key 0; .

6

Press the ⚙️ and 0; keys in this sequence to exit the menu.

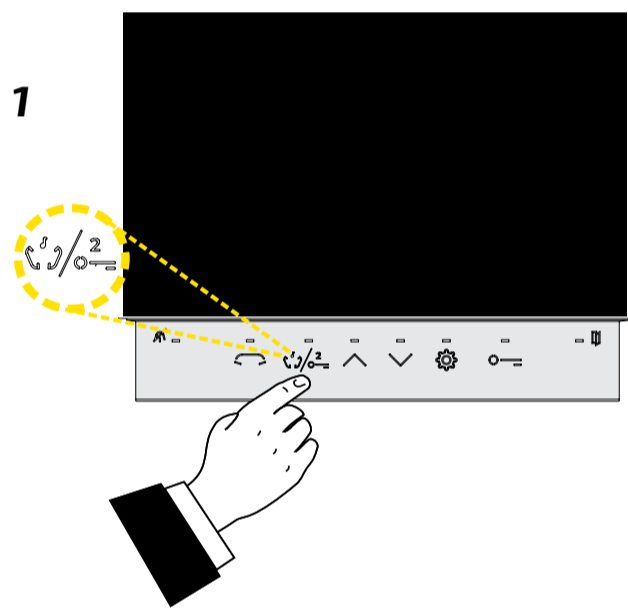
7

Repeat all the operations described in this paragraph for all monitors for which the intercommunication functionality between different apartments is required.



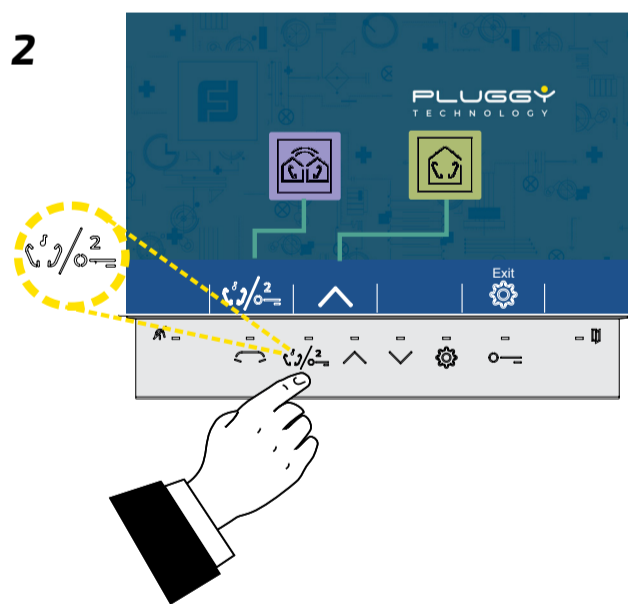
Using the intercom call functionality between apartments.

1



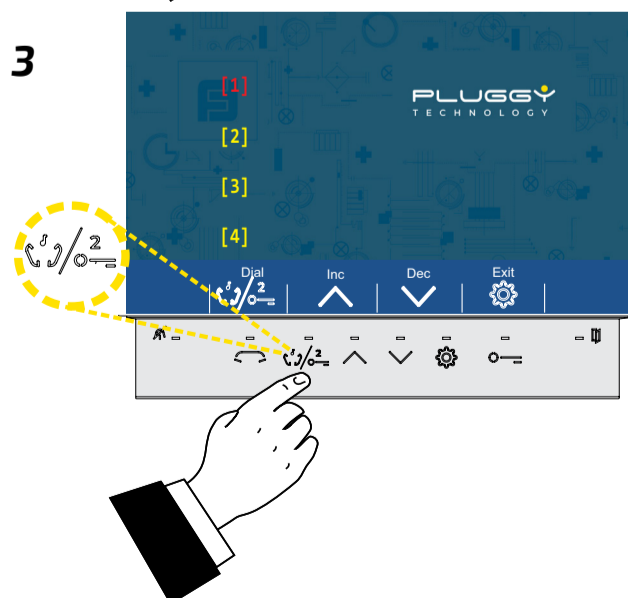
To make an intercom call between flats, press the 0; key. The screen shown in the next image is displayed.

2



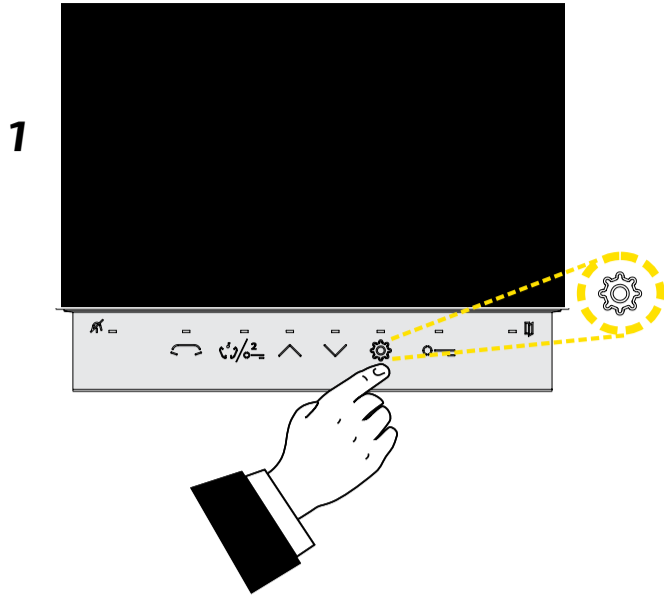
Press the 0; key again and a list similar to the one shown in figure 3 will appear.

3




Use the ^ and v keys to choose the address of the apartment to be called and then confirm with the 0; key to start the call.




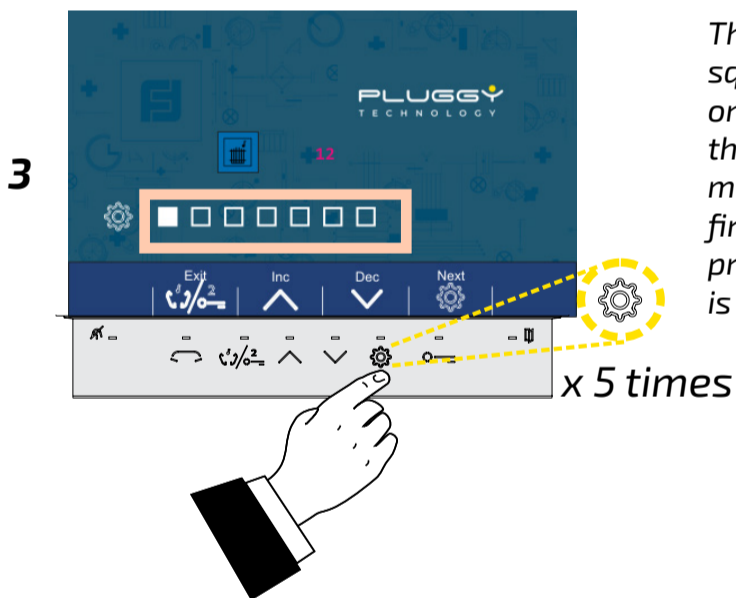



Attention: only in the case where there is more than one videointercom in the same apartment, any SE7PG videointercoms used as SLAVES should be configured as described below.

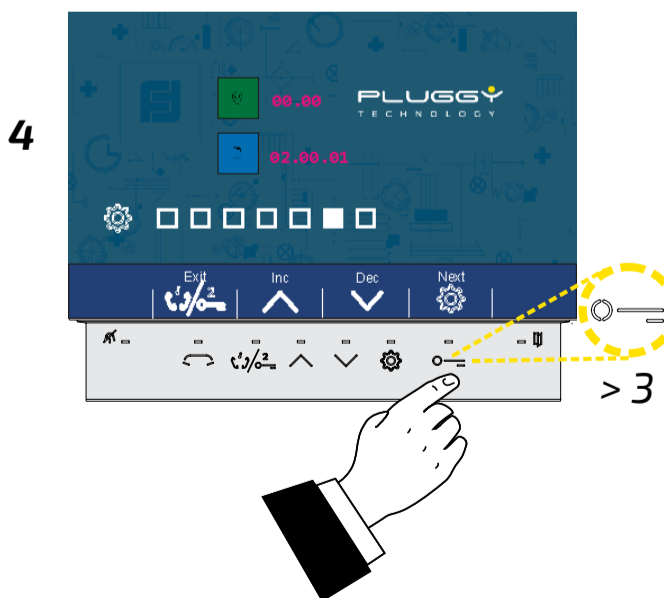
When the monitor is switched off (system in standby), press the key  to switch the videointercom on. You can see the image shown in figure 2 below.




Press the button  again to access the configuration menu (see figure 3 below).




The yellow box drawn in the figure beside highlights 7 small squares representing the pages of the menu. The white filling of one of the small squares indicates that you are navigating within the corresponding page of the menu. As soon as you enter the menu, the filled square is the first, which means you are on the first page. You must move to the sixth page (filled square 6) by pressing the button  five times. Figure 4 below shows what is displayed.

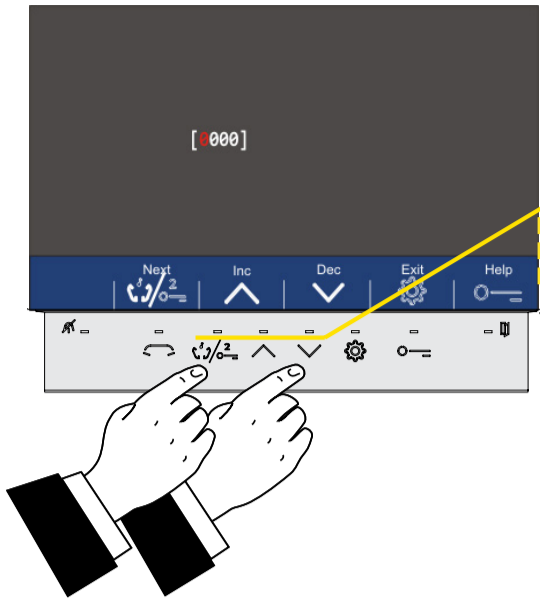


When the page on the left is displayed, press and hold the button  for a few seconds until the image shown is that of next figure 5.



The icon  does not appear in the blue bar of the screen as it leads to a 'hidden' setting page.

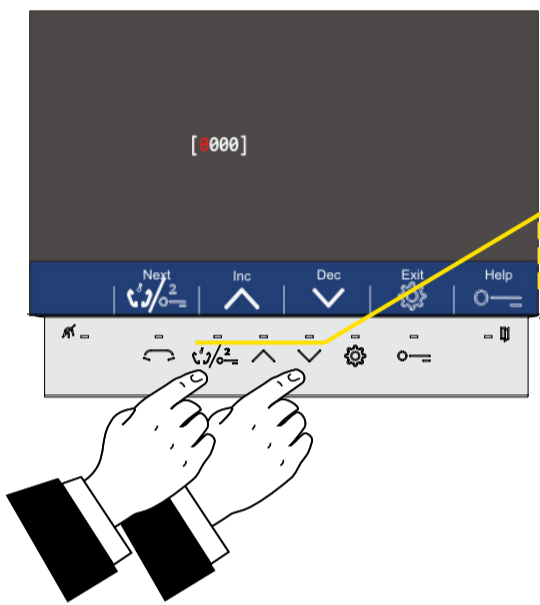
5



Code **8001** must be entered for the first "Slave", (8002/8003 for subsequent 'Slaves'). Start from the left:

- using the keys ^ and v enter the digit '8' and press the key 0;
- since the "0" in the second position is already present, press the key 0;
- since the "0" in the third position is already present, press the key 0;
- using the keys ^ and v enter the digit '1' and press the key 0.

6



Programming code **8006** must be set if you wish to have the monitor switched on in call even if 'Slave' (with 8007, switching on is deactivated). Start from the left:

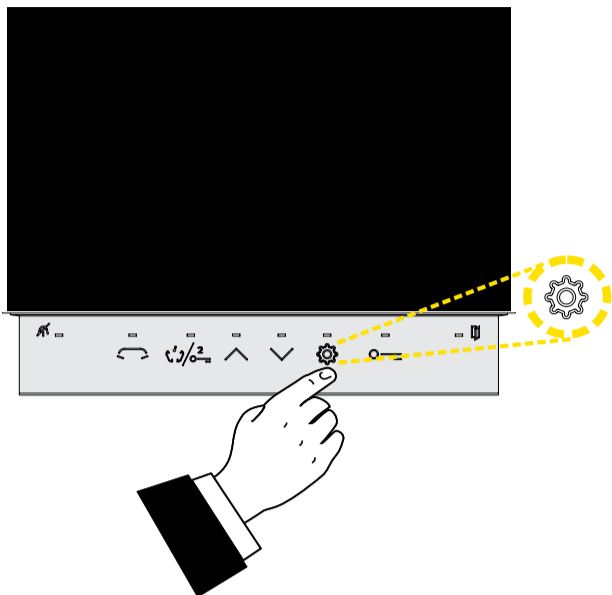
- using the keys ^ and v enter the digit '8' and press the key 0;
- since the "0" in the second position is already present, press the key 0;
- since the "0" in the third position is already present, press the key 0;
- using the keys ^ and v enter the digit '6' and press the key 0.


7

Press the ⚙ and 0 keys in this sequence to exit the menu.

Programming to be carried out in the case of multi-family installation.


1



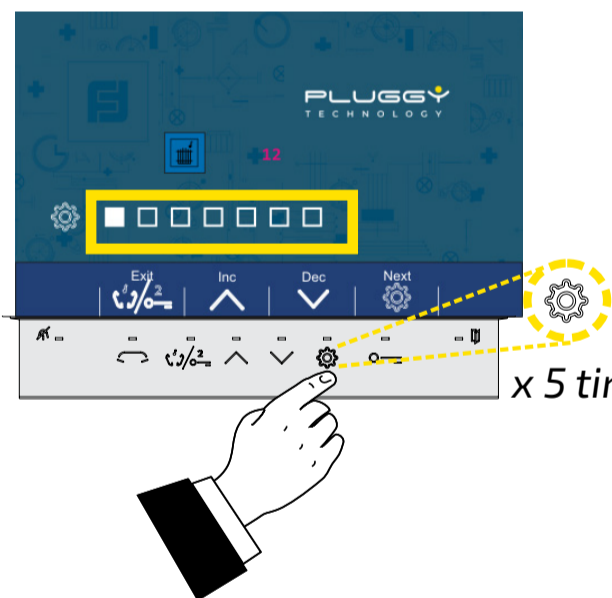
When the monitor is switched off (system in standby), press the button  to switch the videointercom on. You can see the image shown in figure 2 below.


2



Press the button  again to access the configuration menu (see figure 3 below).

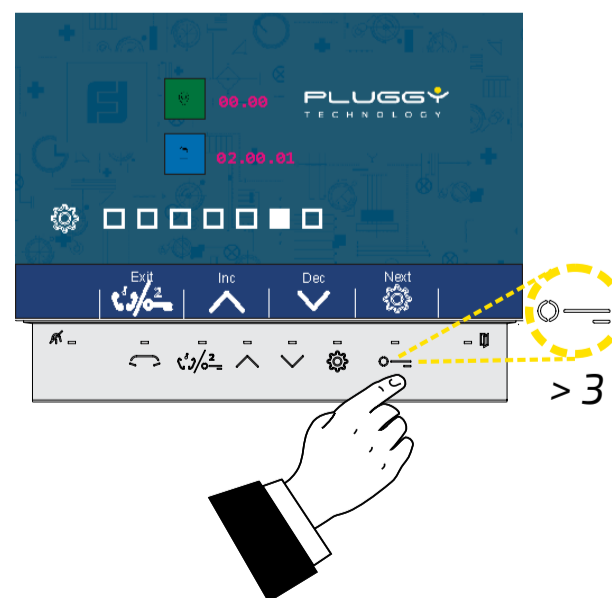
3






The yellow box drawn in the figure beside highlights 7 small squares representing the pages of the menu. The white filling of one of the small squares indicates that you are navigating within the corresponding page of the menu. As soon as you enter the menu, the filled square is the first, which means you are on the first page. You must move to the sixth page (filled square 6) by pressing the button  five times. Figure 4 below shows what is displayed.

x 5 times

4

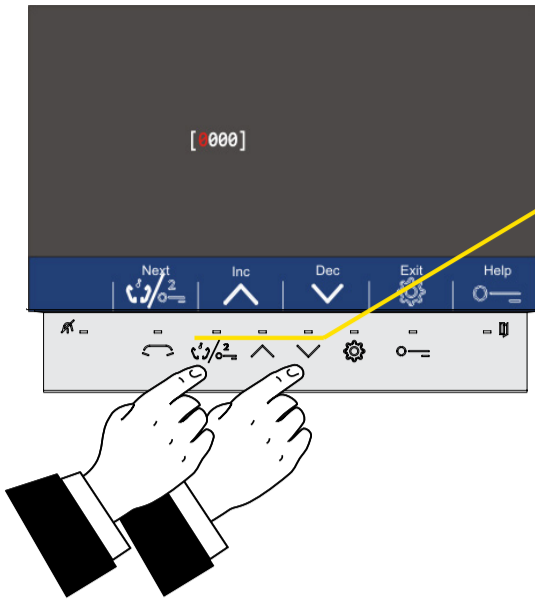


When the page on the left is displayed, press and hold the button  for a few seconds until the image shown is that of next figure 5.

 The icon  does not appear in the blue bar of the screen as it leads to a 'hidden' setting page.

> 3 seconds

5

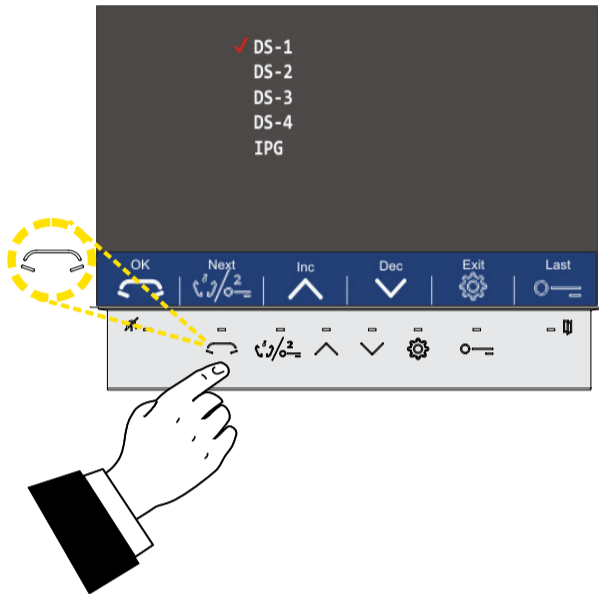


Code **2500** must be entered. Start from the left:

- using the keys \wedge and \vee enter the digit '2' and press the key ↵ ;
 - using the keys \wedge and \vee enter the digit '5' and press the key ↵ ;
 - since the first "0" is already present, press the key ↵ ;
 - since the second '0' is already present, press the key ↵ .
- After pressing the key ↵ for the last time, the monitor displays the list shown in figure 6 below

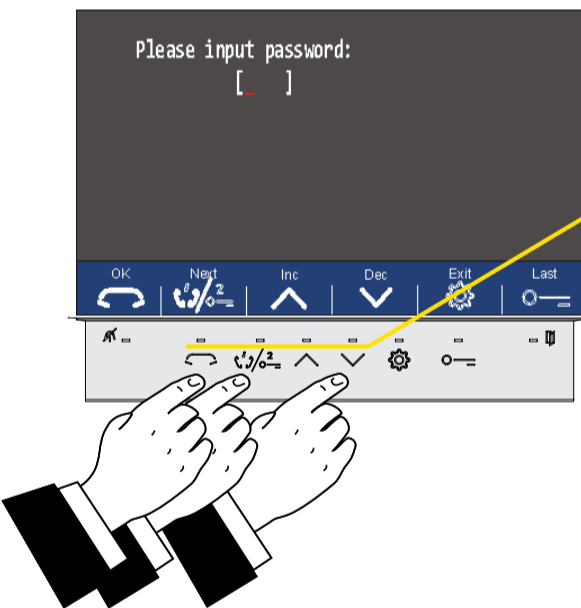


6



A tick appears next to the DS-1 entry. If not, place the tick using the \wedge and \vee keys. Press the key ↵ . The monitor displays the image shown in figure 7 below.

7

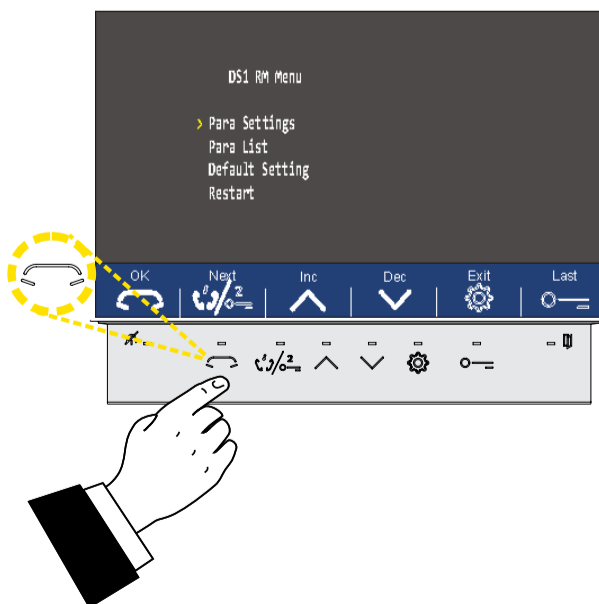


The password **2020** must be entered. Start from the left:

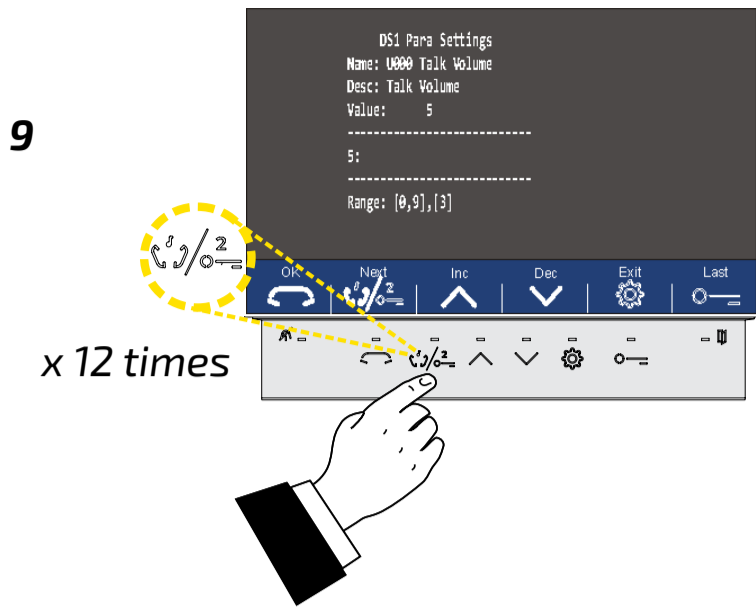
- using the keys \wedge and \vee enter the first digit '2' and press the key ↵ ;
 - since the "0" (zero) in the second position is already present, press the key ↵ ;
 - using the keys \wedge and \vee enter the digit '2' in the third position and press the key ↵ ;
 - since the last "0" (zero) is already present, press the key ↵ .
- Press the key ↵ . The monitor displays the image shown in figure 8 below.



8



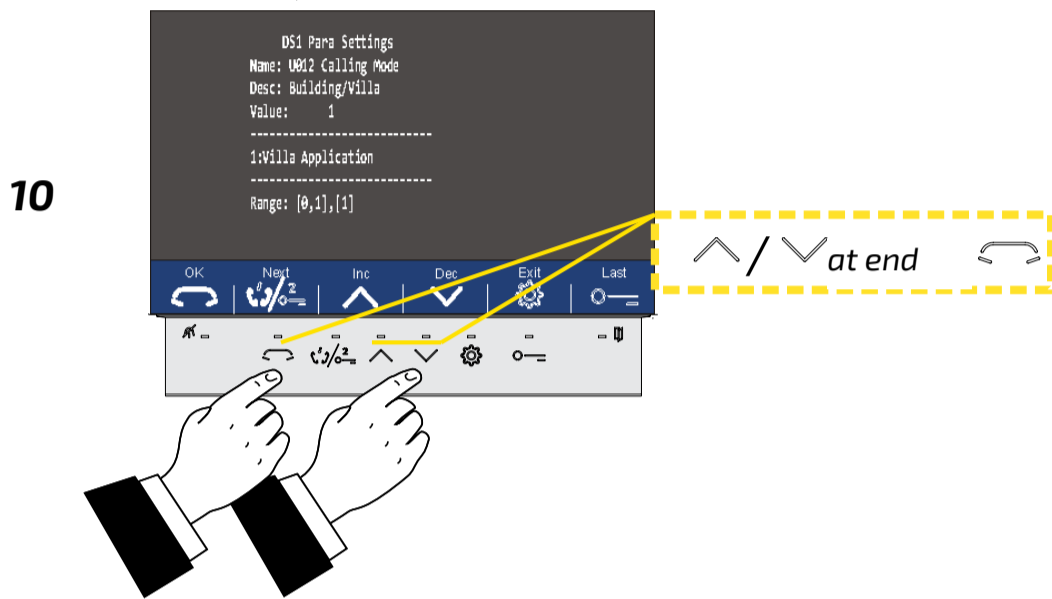
A tick appears next to the Para Settings item. If this is not the case, place the tick using the \wedge and \vee keys. Press the key ↵ . The monitor displays the image shown in figure 9 of next page.



Press the key 12 times. This takes you to page U012, "Calling Mode" as in figure 10 below.



If the above page is exceeded by mistake, pressing the button causes the pages to be retraced backwards.



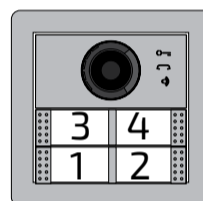
In the 'Calling Mode' screen use the and keys to select the value:

- **0: "Building"** i.e. door station set up for a multi-family installation (the text line delimited by the two dotted lines shows the value being selected);
- (1: "Villa" in case you want to return to a door station set up for single-family use. Factory setting);

Press the key . "Value" shows the value that was set after the change.

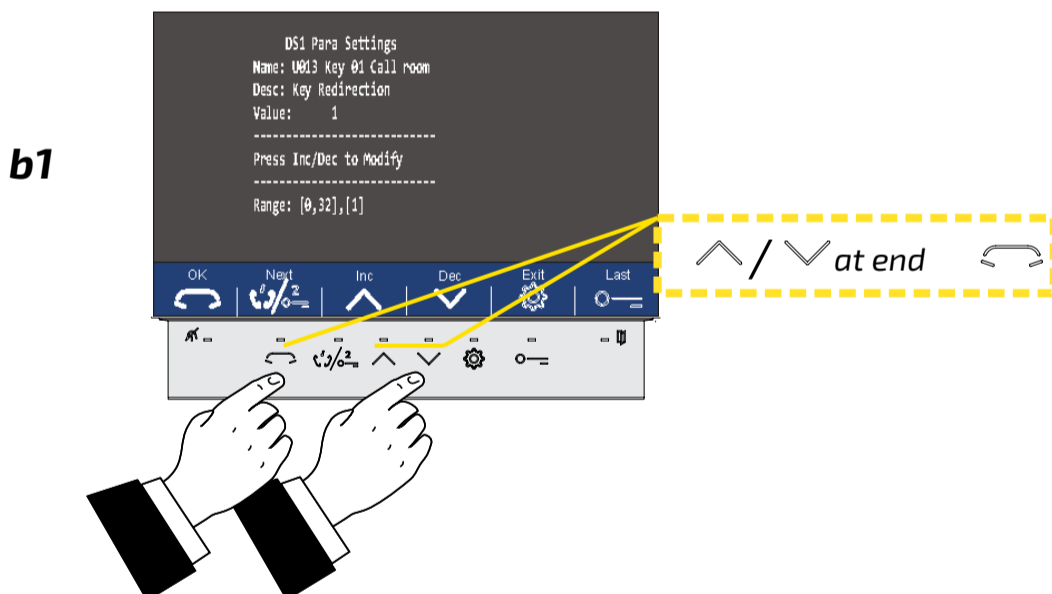
The text line at the bottom shows the 'Ranges' of values that can be set, while the number in square brackets shows the value of the factory parameter.

After changing this parameter, it is necessary to switch the door station off and on again or use the "Restart" option of the "DS1 RM Menu" (figure 11). At the next restart, the addresses will be associated with the buttons in this way:



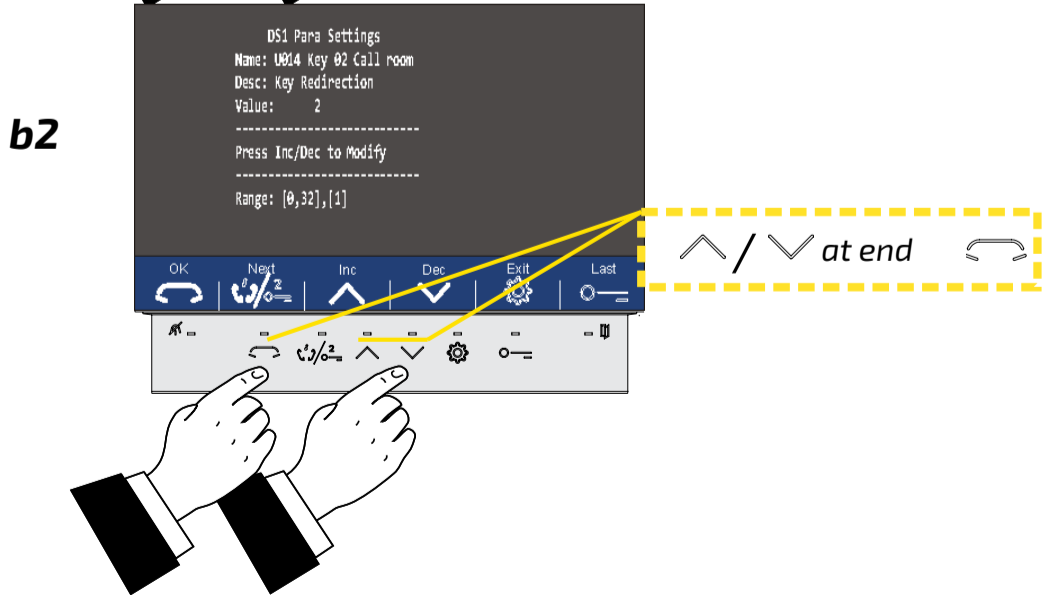
To the Internal videointercoms/intercoms will be assigned the address of the button from which they are to be called.

Special case: two-family control panel



Parameters U013 - U016 allow customised assignment of button addresses. Use the and keys and **to configure the value 1 in parameter U013.**

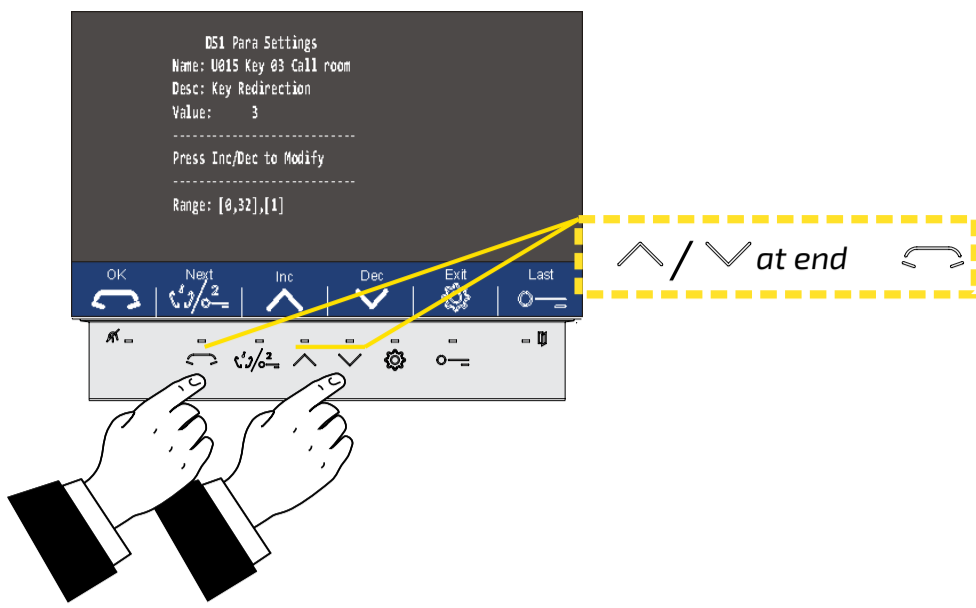
Press the key . "Value" shows the value that was set after the change.



Use the and keys and **to configure the value 1 in parameter U014.**

Press the key . "Value" shows the value that was set after the change.

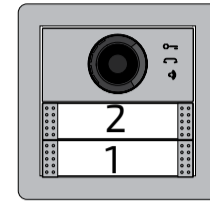
b3



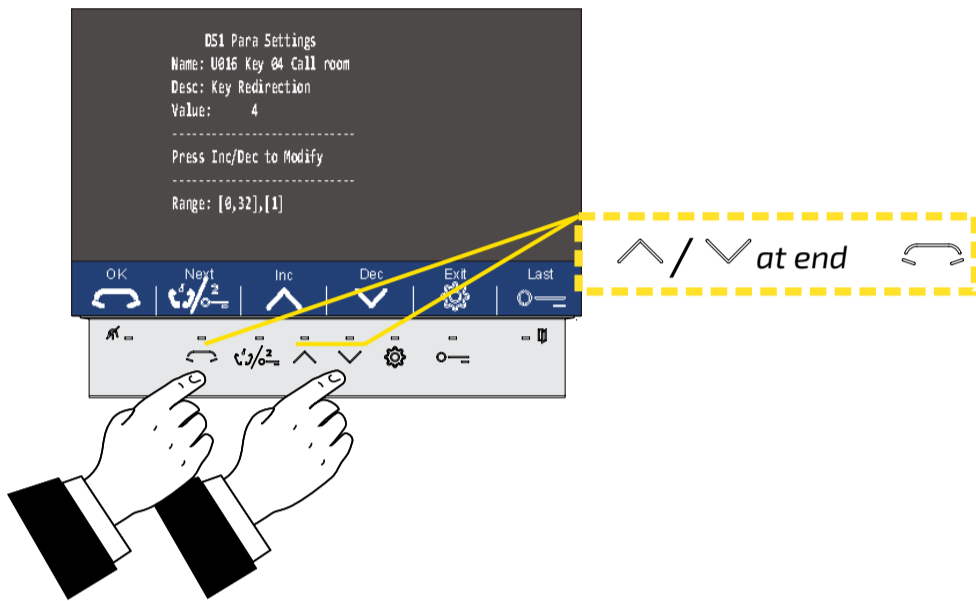
Use the and keys \wedge and \vee **to configure the value 2 in parameter U015.**

Press the key \leftrightarrow . "Value" shows the value that was set after the change.

The image below shows the addresses configured for the call buttons



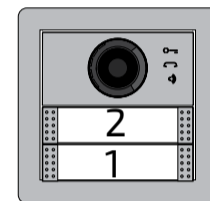
b4



Use the and keys \wedge and \vee **to configure the value 2 in parameter U016.**

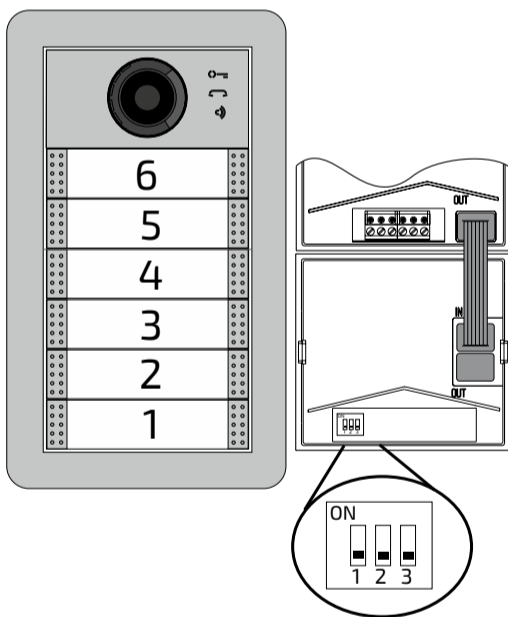
Press the key \leftrightarrow . "Value" shows the value that was set after the change.

In this way, the addresses associated with the buttons will be:

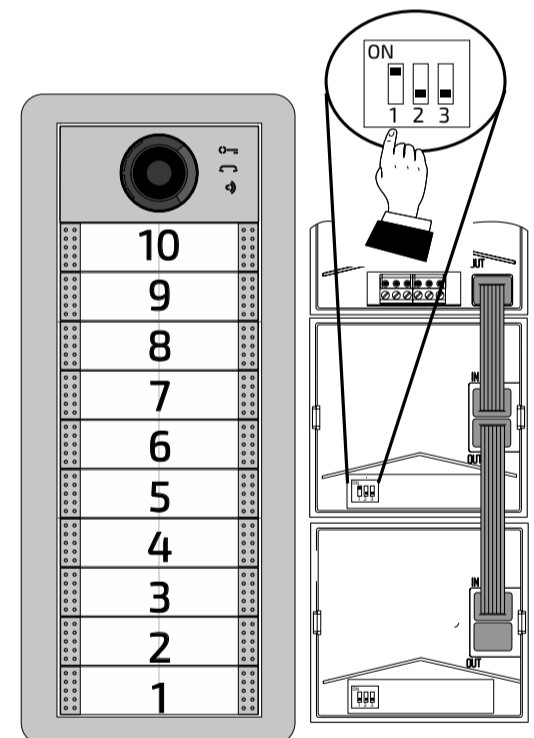


By extending the configuration shown in the previous example (two-family installation with a door station with 2 calls distributed on a single row), it is possible to obtain door stations with up to 10 calls on a single row. The two cases of a door station with 6 calls on a single row and 10 calls on a single row are presented below. Beside the push-button panels are listed the parameters to be configured and the respective value to be assigned:

- U013=U014=1
- U015=U016=2
- U017=U018=3
- U019=U020=4
- U021=U022=5
- U023=U024=6



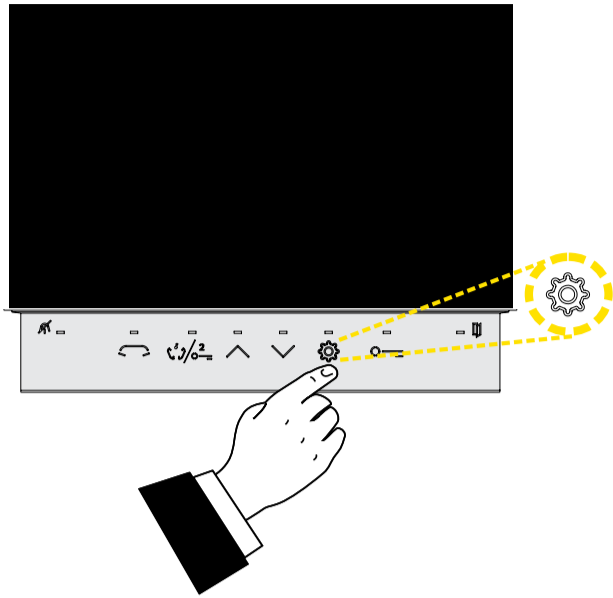
- U013=U014=1
- U015=U016=2
- U017=U018=3
- U019=U020=4
- U021=U022=5
- U023=U024=6
- U025=U026=7
- U027=U028=8
- U029=U030=9
- U031=U032=10




11

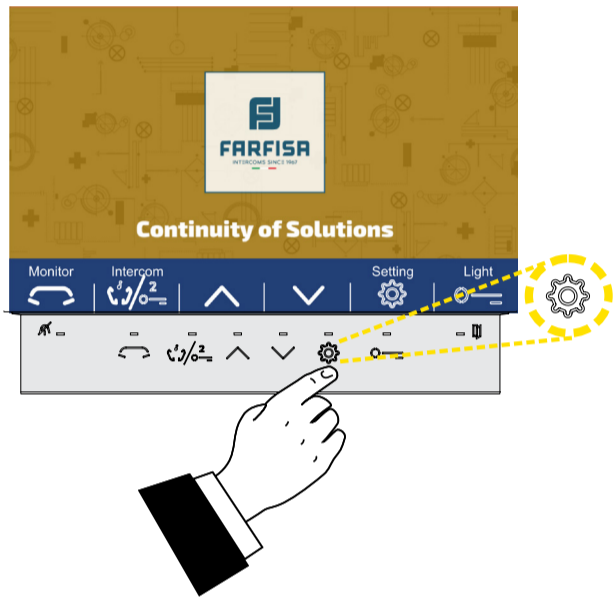
After changing parameters **U012-U032**, power must be removed from the door unit and supplied again. Alternatively, the "Restart" option of the "DS1 RM Menu" can be used. To return to the "DS1 RM Menu", press the button


1



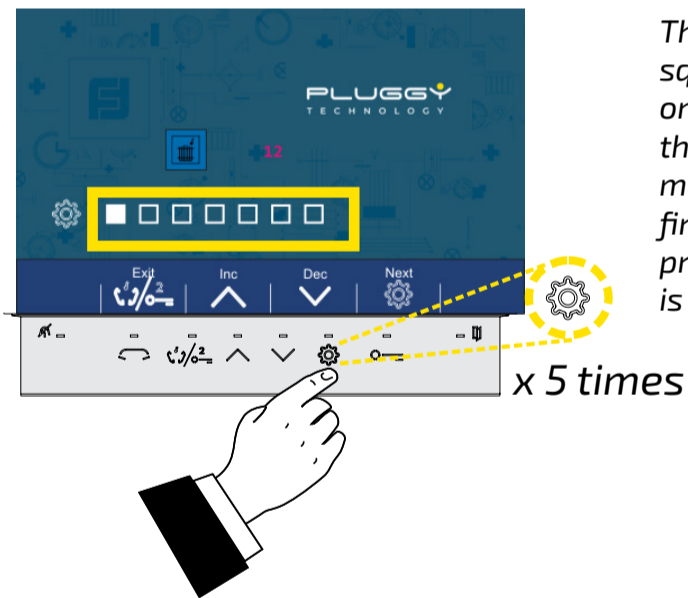
When the monitor is switched off (system in standby), press the button  to switch the videointercom on. You can see the image shown in figure 2 below.


2



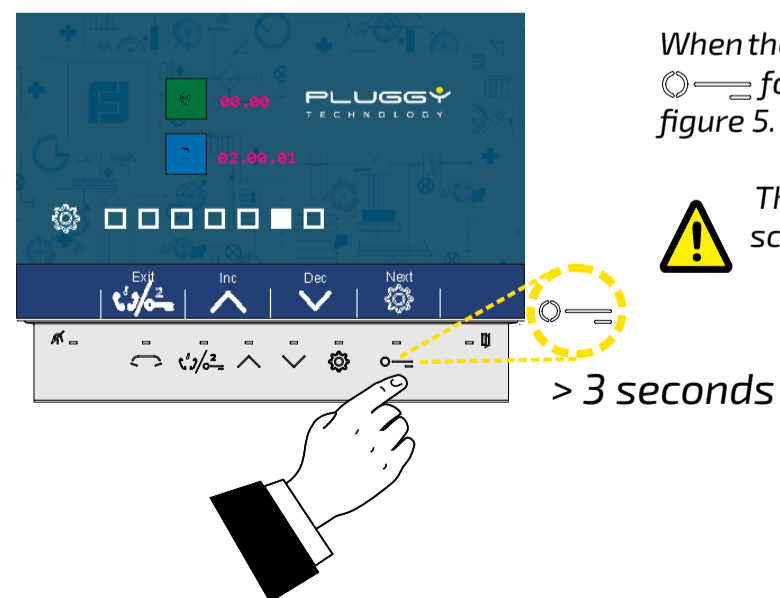
Press the button  again to access the configuration menu (see figure 3 below).


3





The yellow box drawn in the figure beside highlights 7 small squares representing the pages of the menu. The white filling of one of the small squares indicates that you are navigating within the corresponding page of the menu. As soon as you enter the menu, the filled square is the first, which means you are on the first page. You must move to the sixth page (filled square 6) by pressing the button  five times. Figure 4 below shows what is displayed.

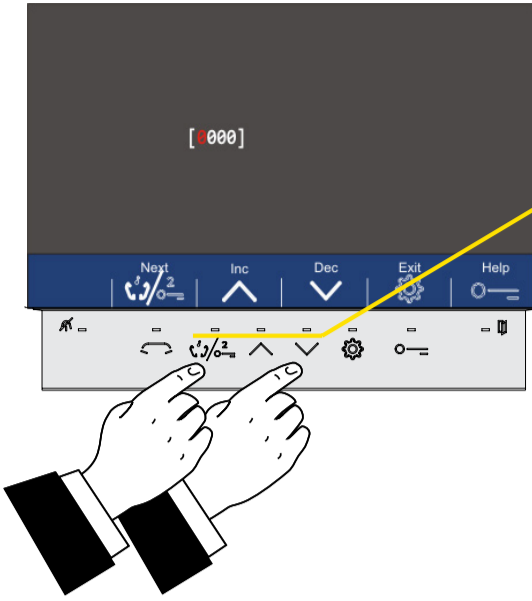
4



When the page on the left is displayed, press and hold the button  for a few seconds until the image shown is that of next figure 5.

 The icon  does not appear in the blue bar of the screen as it leads to a 'hidden' setting page.

5

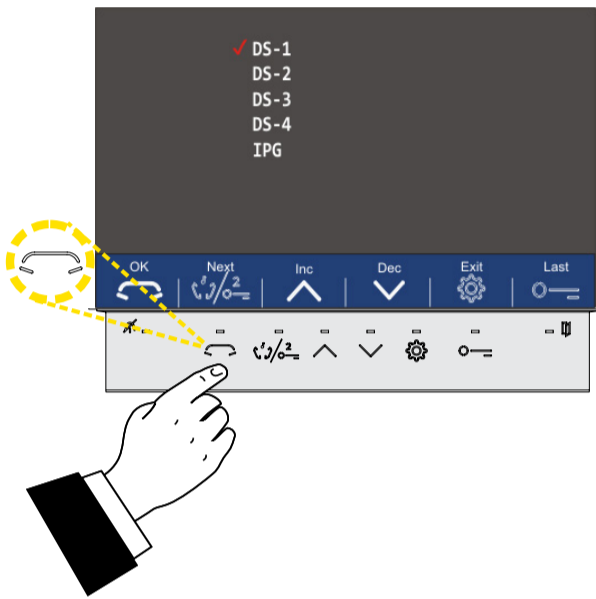


Code **2500** must be entered. Start from the left:

- using the keys \wedge and \vee enter the digit '2' and press the key ↵ ;
- using the keys \wedge and \vee enter the digit '5' and press the key ↵ ;
- since the first "0" is already present, press the key ↵ ;
- since the second '0' is already present, press the key ↵ .

After pressing the key ↵ for the last time, the monitor displays the list shown in figure 6 below

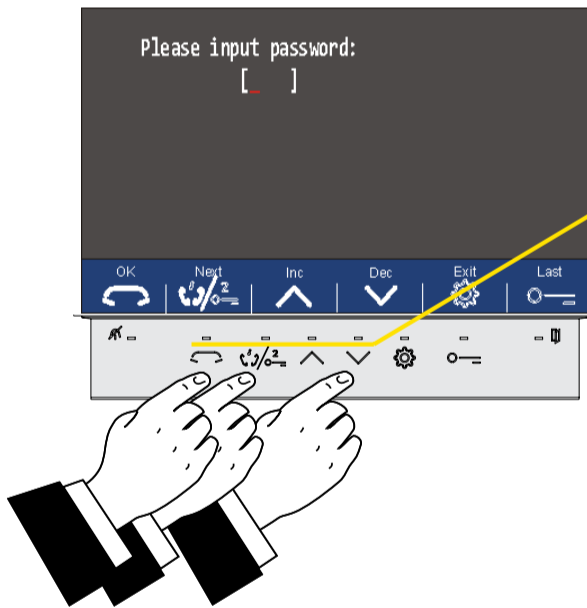
6



A tick appears next to the DS-1 entry. If not, place the tick using the \wedge and \vee keys.

Press the key ↵ . The monitor displays the image shown in figure 7 below.

7



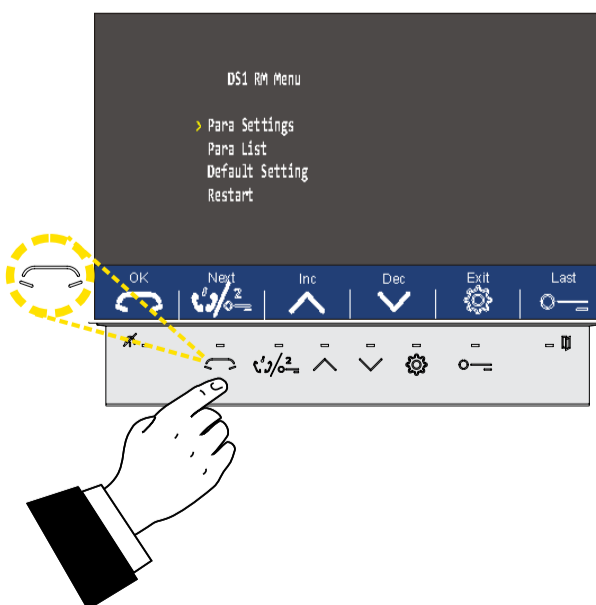
The password **2020** must be entered. Start from the left:

- using the keys \wedge and \vee enter the first digit '2' and press the key ↵ ;
- since the "0" (zero) in the second position is already present, press the key ↵ ;
- using the keys \wedge and \vee enter the digit '2' in the third position and press the key ↵ ;
- since the last "0" (zero) is already present, press the key ↵ .

Press the key ↵ . The monitor displays the image shown in figure 8 below.

$\wedge / \vee + \text{↵}$ at end ↵

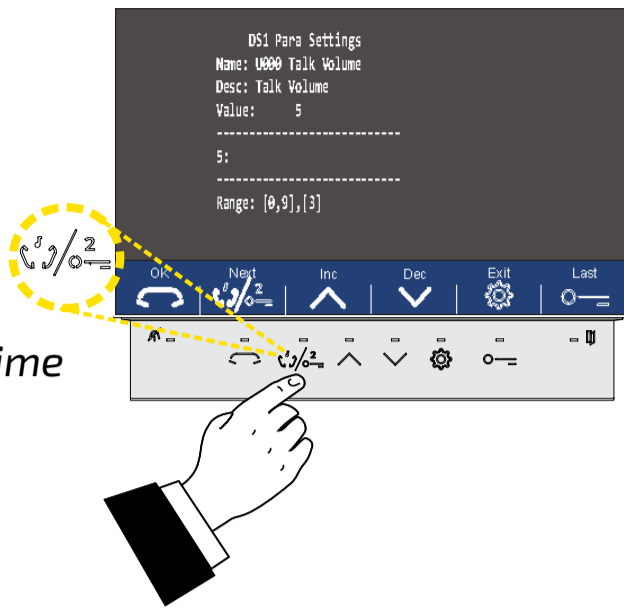
8




A tick appears next to the Para Settings item. If this is not the case, place the tick using the \wedge and \vee keys.


Press the key ↵ . The monitor displays the image shown in figure 9 of next page.

9

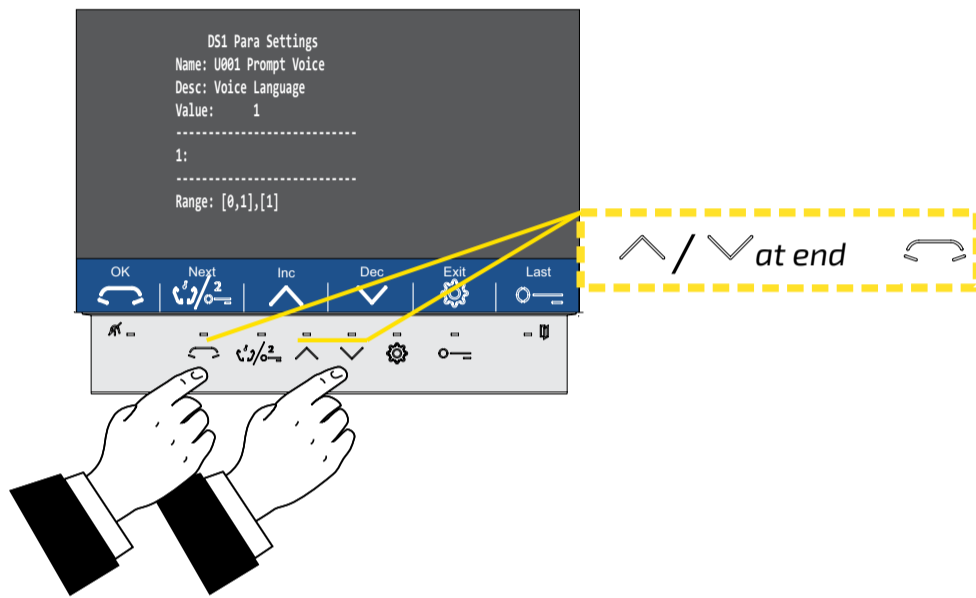



Press the key  1 time. This takes you to page U001, "Prompt Voice" as in figure 10 below.



If the above page is exceeded by mistake, pressing the button  causes the pages to be retraced backwards.


10



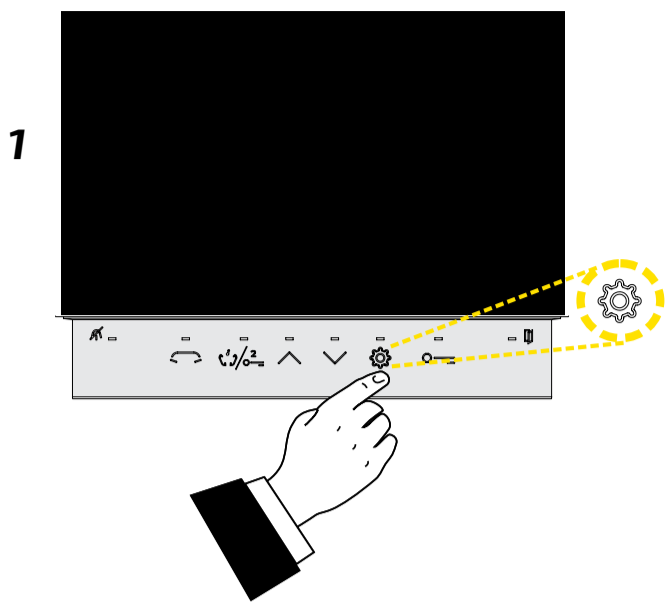
On the 'Voice Prompt' page, use the and keys to choose values:
 - **1**: activation. With this choice, the door station will confirm the operating status by synthesising corresponding audio messages (English language only);
 - (0: speech synthesis deactivated, factory setting). Press the key . "Value" shows the value of the parameter as set after the change.



The text string at the bottom shows the range of values that can be chosen while the number in square brackets shows the value of the parameter as set by the factory.

After modifying this parameter, it is necessary to switch off the power supply to the door station and switch it on again. Alternatively, the "Restart" option of the "DS1 RM Menu" can be used. To return to the "DS1 RM Menu", press the key .

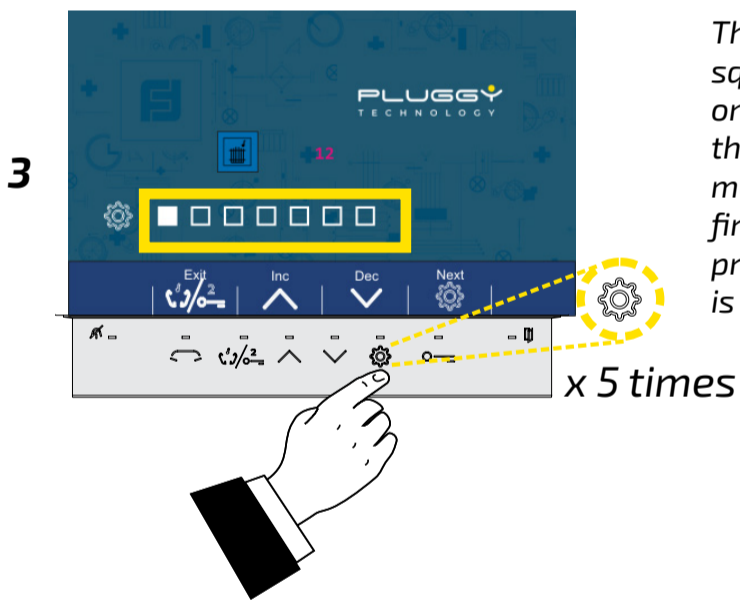
Configuring the operating mode and activation time of the SE1 door lock release output



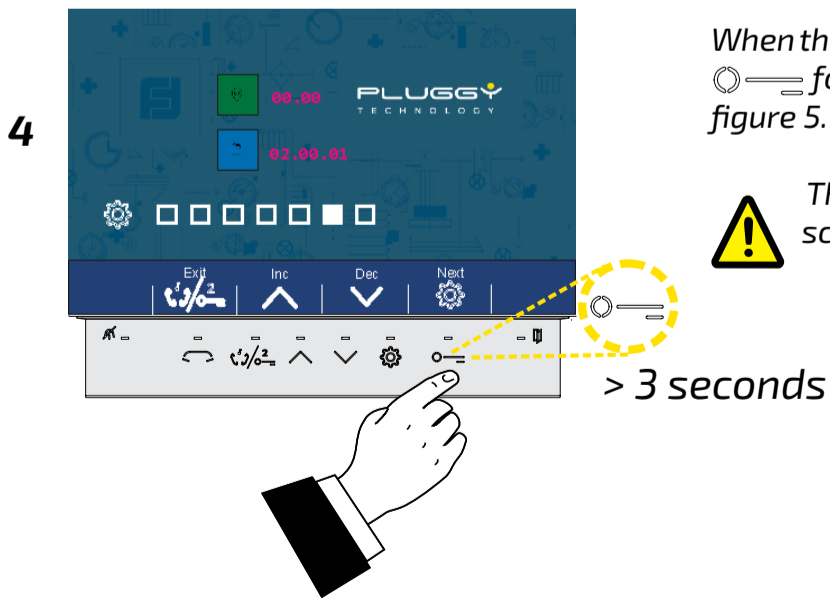
When the monitor is switched off (system in standby), press the button to switch the videointercom on. You can see the image shown in figure 2 below.



Press the button again to access the configuration menu (see figure 3 below).



The yellow box drawn in the figure beside highlights 7 small squares representing the pages of the menu. The white filling of one of the small squares indicates that you are navigating within the corresponding page of the menu. As soon as you enter the menu, the filled square is the first, which means you are on the first page. You must move to the sixth page (filled square 6) by pressing the button five times. Figure 4 below shows what is displayed.

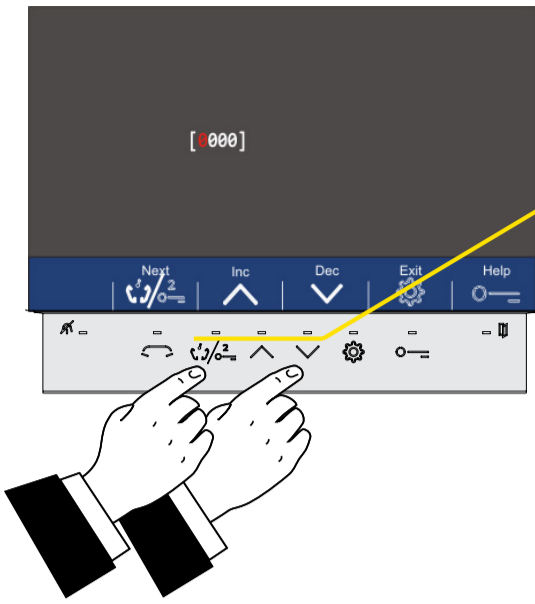


When the page on the left is displayed, press and hold the button for a few seconds until the image shown is that of next figure 5.



The icon does not appear in the blue bar of the screen as it leads to a 'hidden' setting page.

5

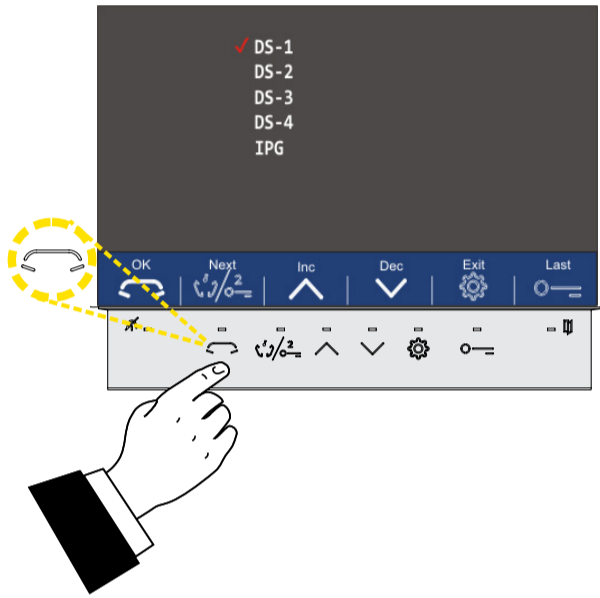


Code **2500** must be entered. Start from the left:

- using the keys \wedge and \vee enter the digit '2' and press the key ↵ ;
- using the keys \wedge and \vee enter the digit '5' and press the key ↵ ; ;
- since the first "0" is already present, press the key ↵ ;
- since the second "0" is already present, press the key ↵ .

After pressing the key ↵ for the last time, the monitor displays the list shown in figure 6 below

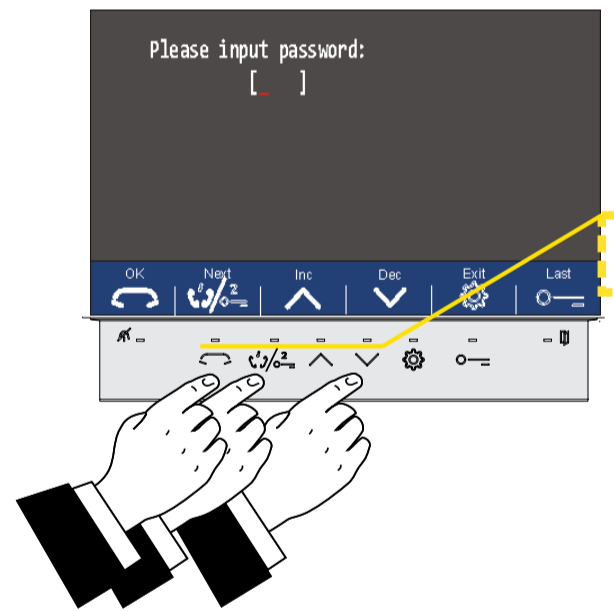
6



A tick appears next to the DS-1 entry. If not, place the tick using the \wedge and \vee keys.

Press the key ↵ . The monitor displays the image shown in figure 7 below.

7

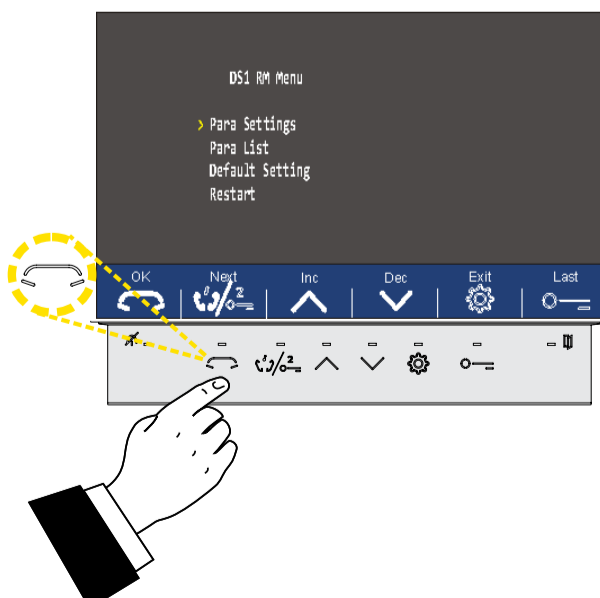


The password **2020** must be entered. Start from the left:

- using the keys \wedge and \vee enter the first digit '2' and press the key ↵ ;
- since the "0" (zero) in the second position is already present, press the key ↵ ;
- using the keys \wedge and \vee enter the digit '2' in the third position and press the key ↵ ;
- since the last "0" (zero) is already present, press the key ↵ .

Press the key ↵ . The monitor displays the image shown in figure 8 below.

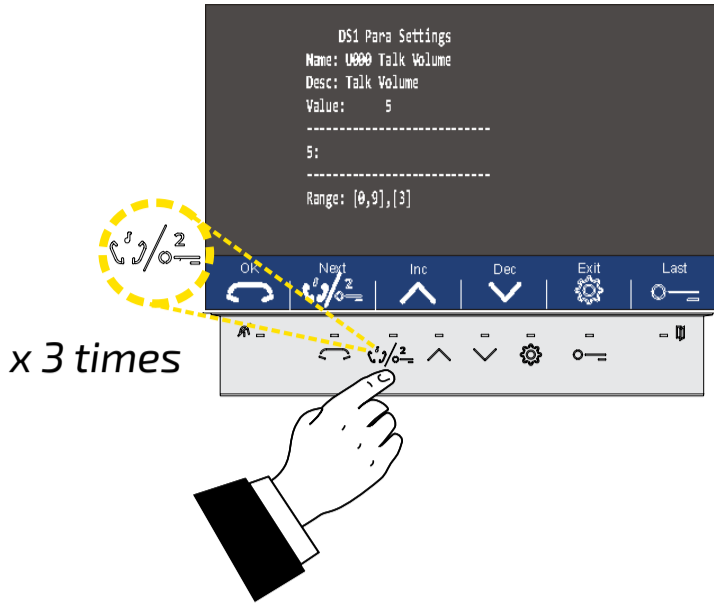
8




A tick appears next to the Para Settings item. If this is not the case, place the tick using the \wedge and \vee keys.


Press the key ↵ . The monitor displays the image shown in figure 9 of next page.

9

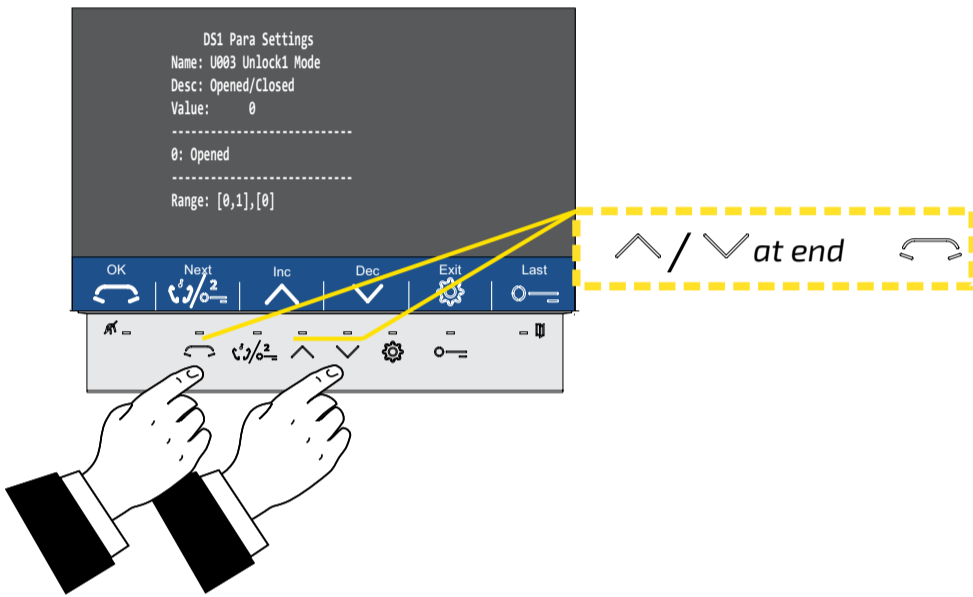




Press the key  3 times. This takes you to page U003, "Unlock1 Mode" as in figure 10 below.




If the above page is exceeded by mistake, pressing the button  causes the pages to be retraced backwards.

10



On the 'Unlock1 Mode' page, use the  and  keys to choose the desired value to assign to the parameter:

- **0**: contact normally open (factory setting),
- **1**: contact normally closed;

Press the  key. "Value" will show the value as set after the change.




The text string below shows the range of values that can be chosen for the parameter (Range) while the content in square brackets shows the value as set by factory default

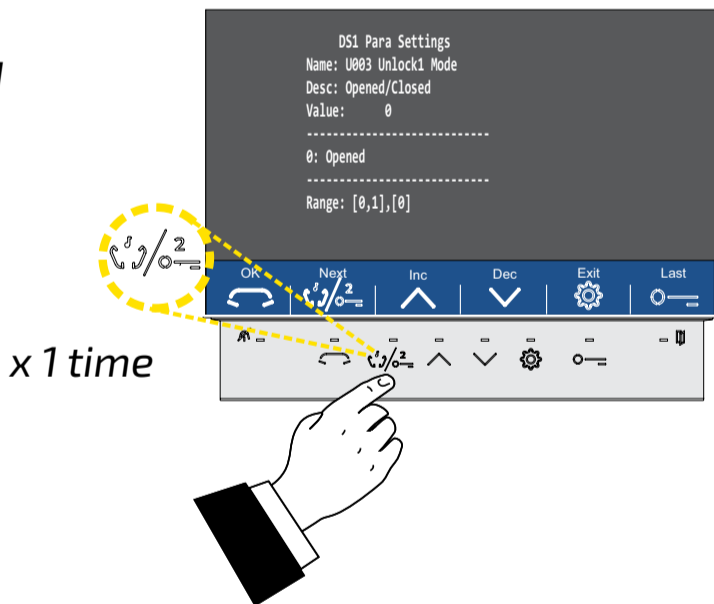



Note. The behaviour of the door station's output S1+ is influenced by the position in which the jumper on the back of the same station is inserted:

- 1-2 o 2-3**: capacitor discharge output;
- jumper removed**: voltage-free contact.


After changing this parameter, power must be removed from the door station and then supplied again. Alternatively, the "Restart" option of the "DS1 RM Menu" can be used. To return to the "DS1 RM Menu", press the  key.

11

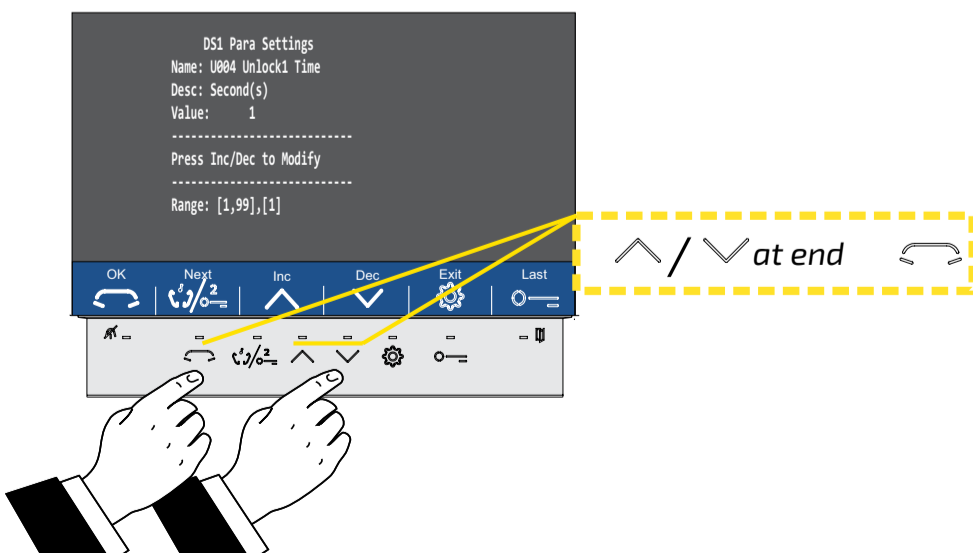





Press the key  one time again. This takes you to page U004, "Unlock1 Time" as in figure 12 below.



If the above page is exceeded by mistake, pressing the button  causes the pages to be retraced backwards.


12



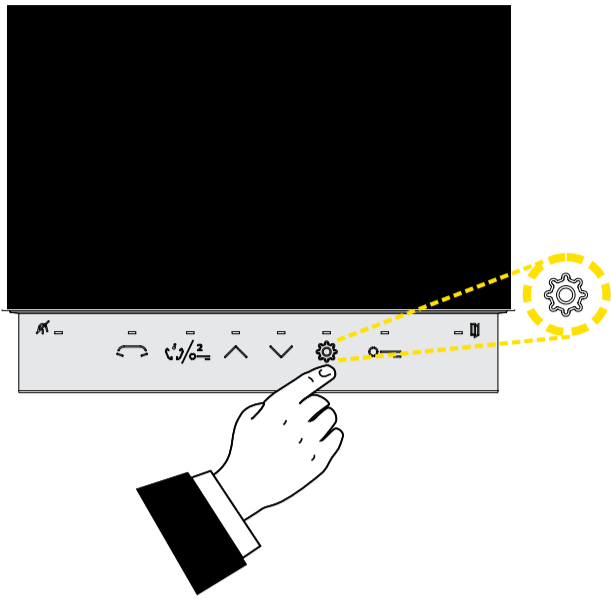
The displayed page shows the 'Unlock1 Time' parameter, using the  and  to choose the contact activation time (1-99 seconds): Press the  key. "Value" will show the value as set after the change.




The text string below shows the range of values that can be chosen for the parameter (Range) while the content in square brackets shows the value as set by factory default

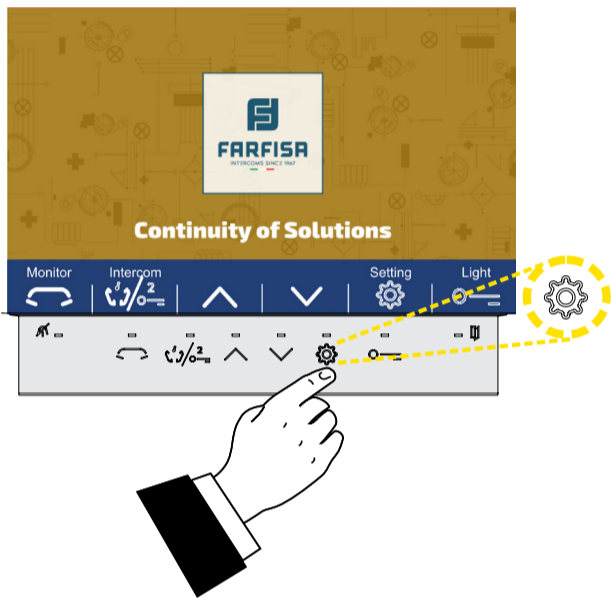
After changing this parameter, power must be removed from the door station and then supplied again. Alternatively, the "Restart" option of the "DS1 RM Menu" can be used. To return to the "DS1 RM Menu", press the  key.


1



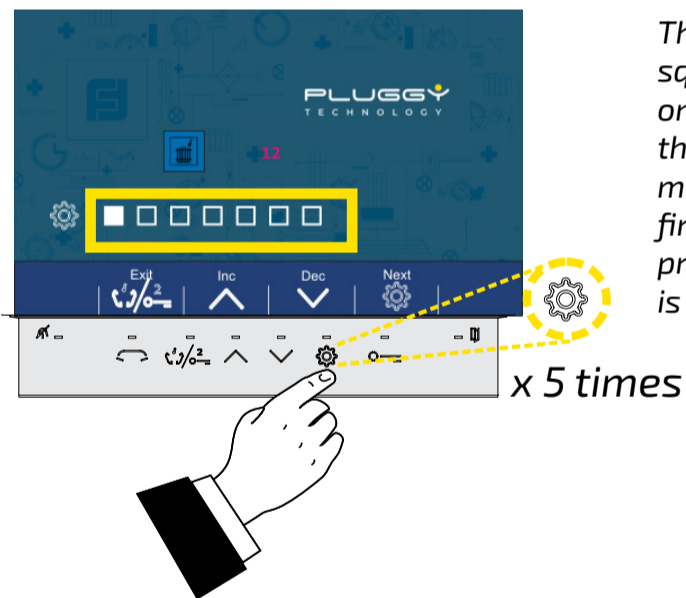
When the monitor is switched off (system in standby), press the button  to switch the videointercom on. You can see the image shown in figure 2 below.


2



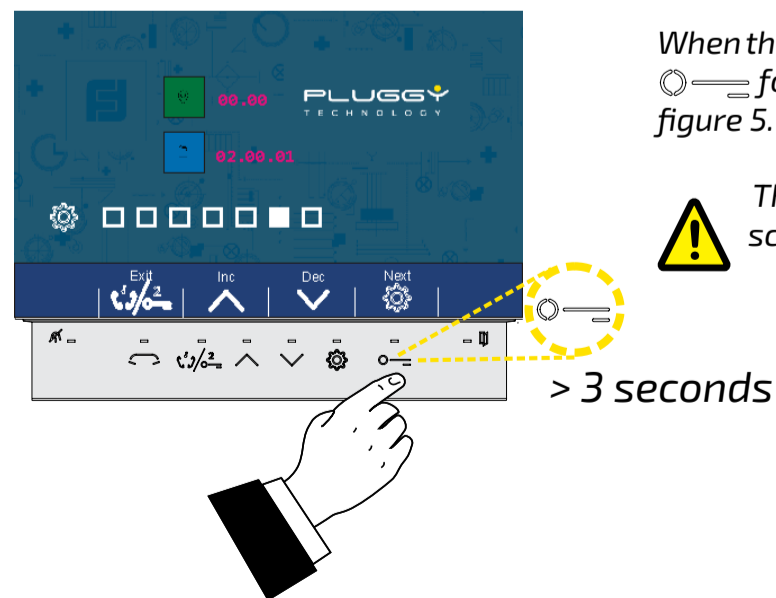
Press the button  again to access the configuration menu (see figure 3 below).


3




The yellow box drawn in the figure beside highlights 7 small squares representing the pages of the menu. The white filling of one of the small squares indicates that you are navigating within the corresponding page of the menu. As soon as you enter the menu, the filled square is the first, which means you are on the first page. You must move to the sixth page (filled square 6) by pressing the button  five times. Figure 4 below shows what is displayed.

4

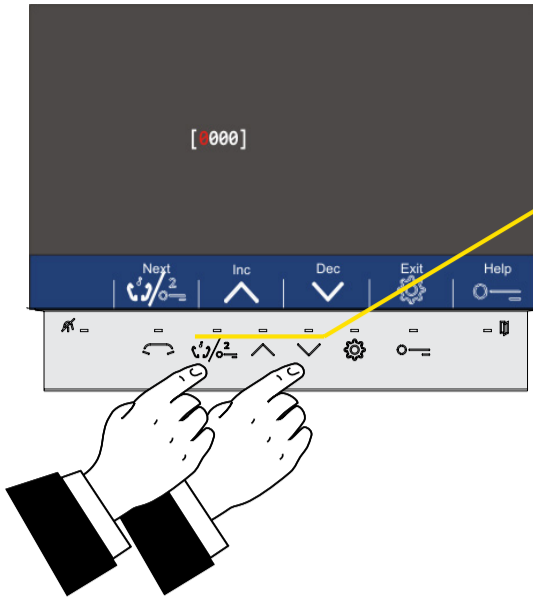


When the page on the left is displayed, press and hold the button  for a few seconds until the image shown is that of next figure 5.



The icon  does not appear in the blue bar of the screen as it leads to a 'hidden' setting page.

5

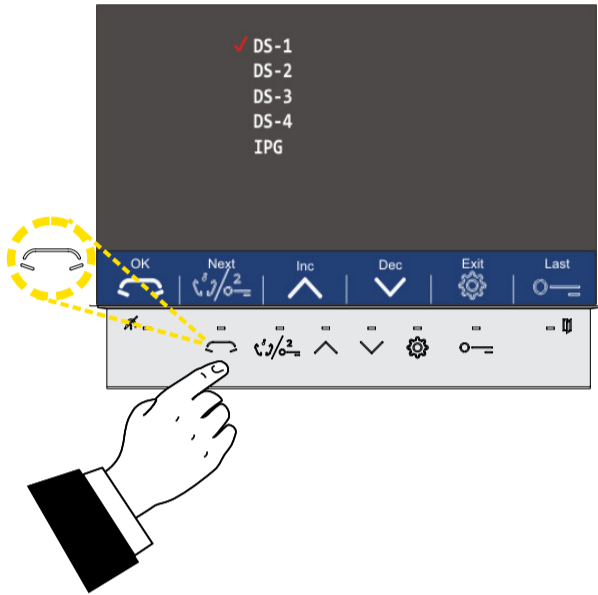


Code **2500** must be entered. Start from the left:

- using the keys \wedge and \vee enter the digit '2' and press the key $\text{0}/\text{2}$;
 - using the keys \wedge and \vee enter the digit '5' and press the key $\text{0}/\text{2}$;;
 - since the first "0" is already present, press the key $\text{0}/\text{2}$;
 - since the second '0' is already present, press the key $\text{0}/\text{2}$.
- After pressing the key $\text{0}/\text{2}$ for the last time, the monitor displays the list shown in figure 6 below



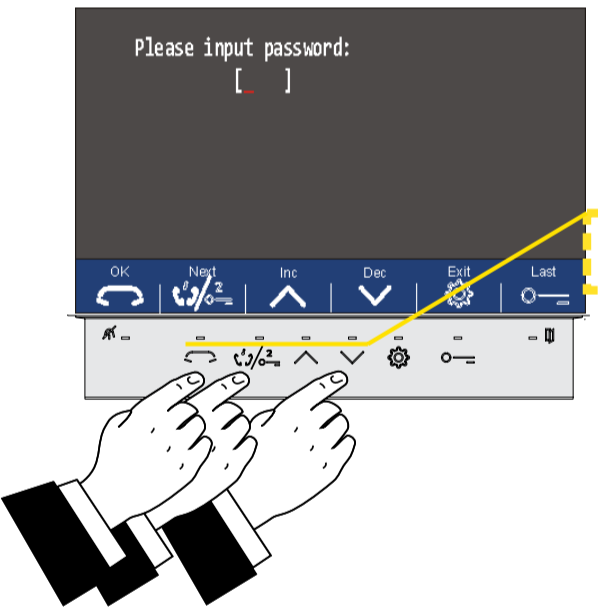
6



A tick appears next to the DS-1 entry. If not, place the tick using the \wedge and \vee keys.

Press the key $\text{0}/\text{2}$. The monitor displays the image shown in figure 7 below.

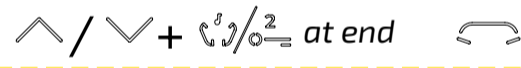
7



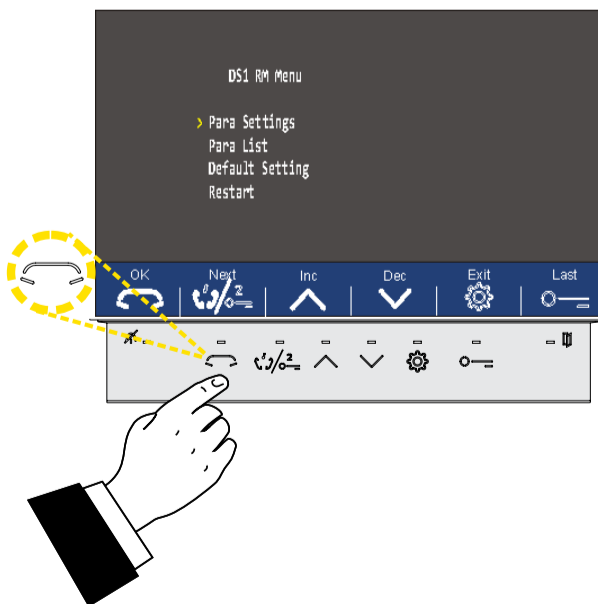
The password **2020** must be entered. Start from the left:

- using the keys \wedge and \vee enter the first digit '2' and press the key $\text{0}/\text{2}$;
- since the "0" (zero) in the second position is already present, press the key $\text{0}/\text{2}$;
- using the keys \wedge and \vee enter the digit '2' in the third position and press the key $\text{0}/\text{2}$;
- since the last "0" (zero) is already present, press the key $\text{0}/\text{2}$.

Press the key $\text{0}/\text{2}$. The monitor displays the image shown in figure 8 below.



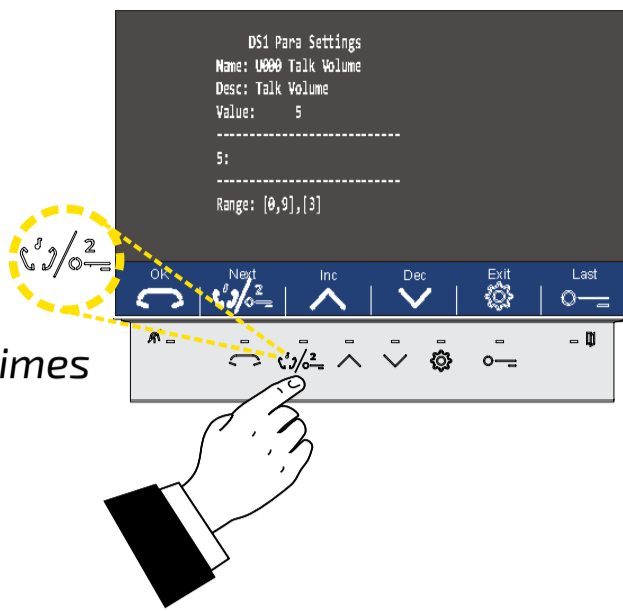
8



A tick appears next to the Para Settings item. If this is not the case, place the tick using the \wedge and \vee keys.

Press the key $\text{0}/\text{2}$. The monitor displays the image shown in figure 9 of next page.

9

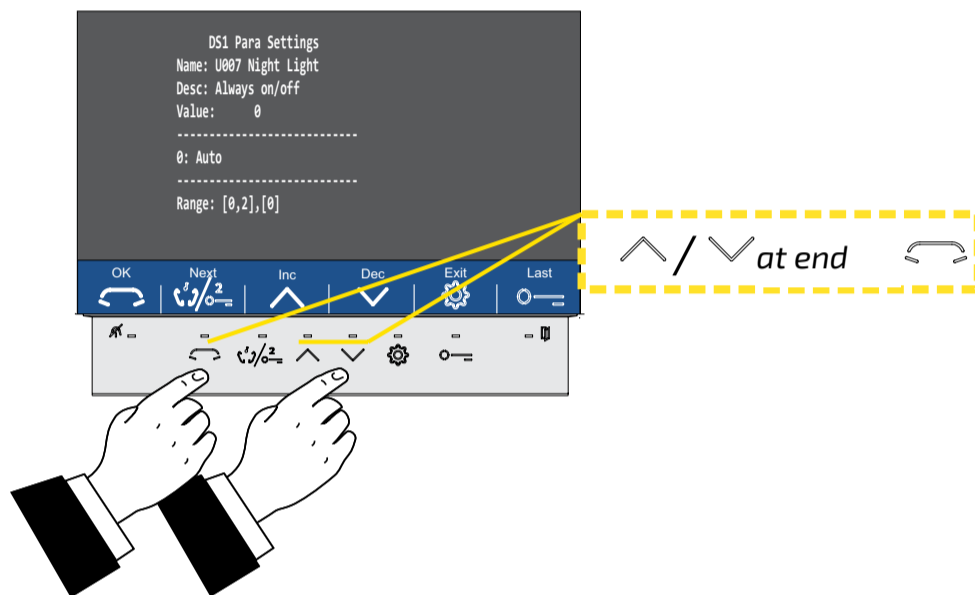


Press the key 7 times. This takes you to page U007, "Night Light" as in figure 10 below.



If the above page is exceeded by mistake, pressing the button causes the pages to be retraced backwards.

10



On the 'Night Light' page, use the and keys to choose the desired value to assign to the parameter:

- 0: automatic switch-on driven by light sensor (factory setting);
- 1: LEDs always on;
- 2: LEDs always off;

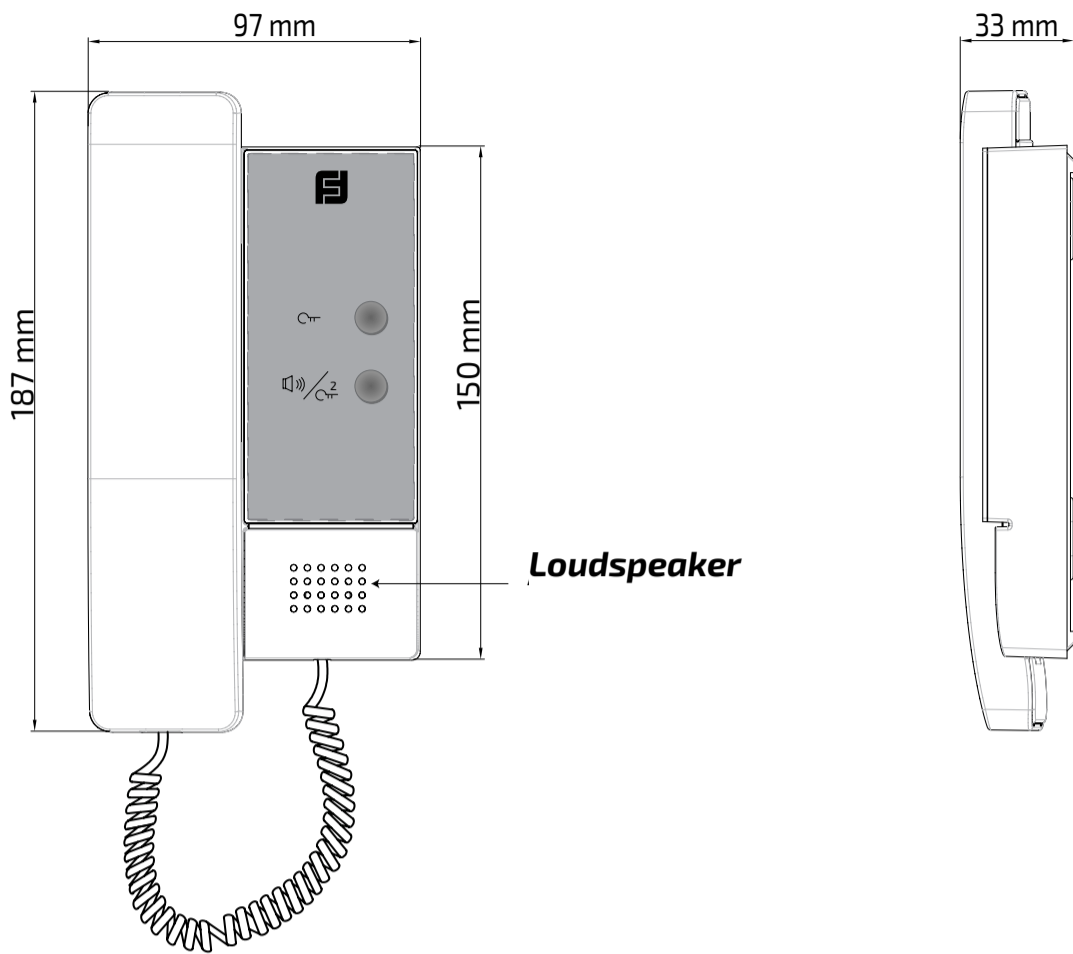
Press the key. "Value" will show the value as set after the change.



The text string below shows the range of values that can be chosen for the parameter (Range) while the content in square brackets shows the value as set by factory default

After changing this parameter, power must be removed from the door station and then supplied again. Alternatively, the "Restart" option of the "DS1 RM Menu" can be used. To return to the "DS1 RM Menu", press the key.

Art. SEIPG



Intercom for PLUGGY technology

Intercom with 2 buttons

Technical data

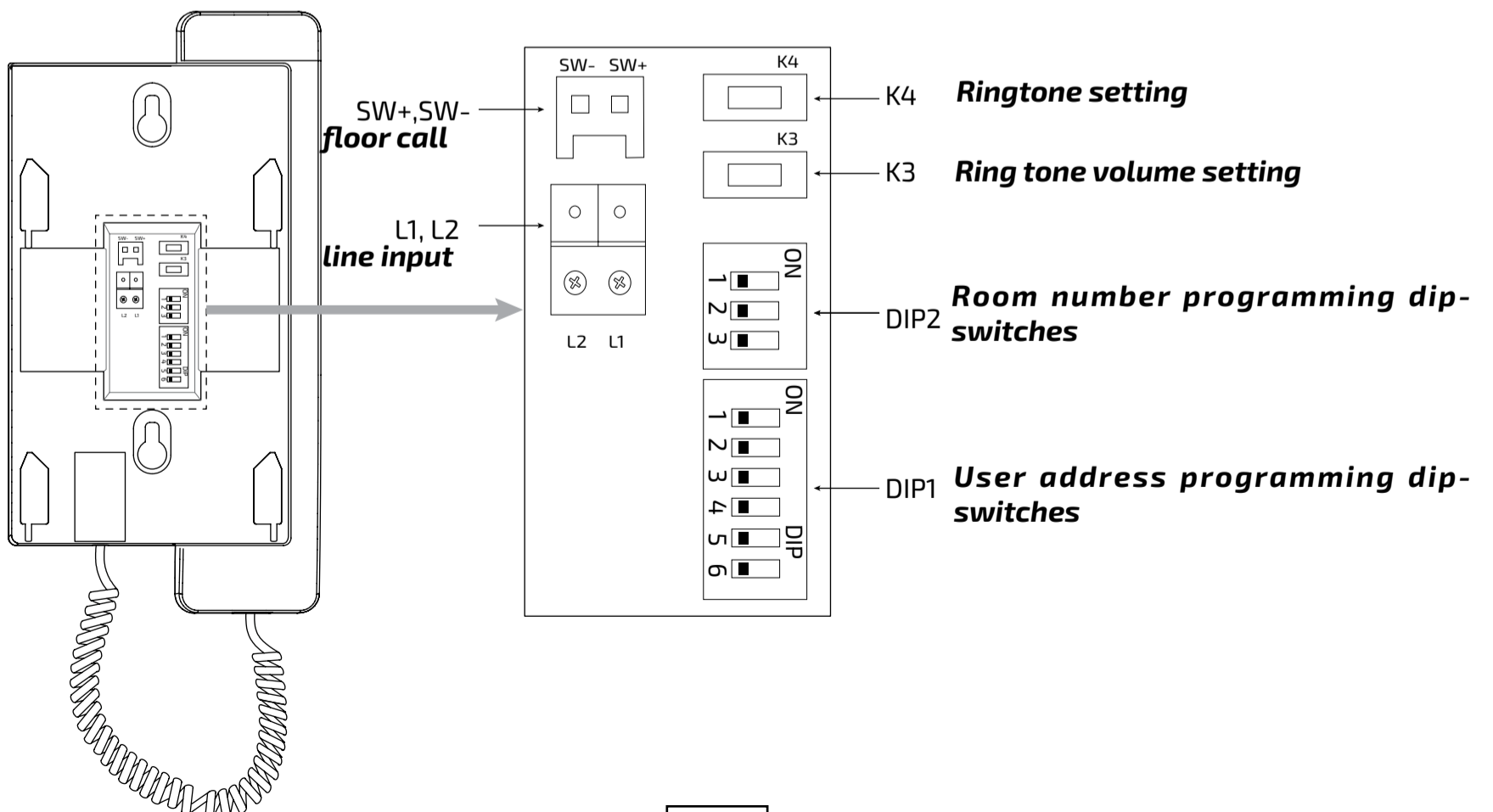
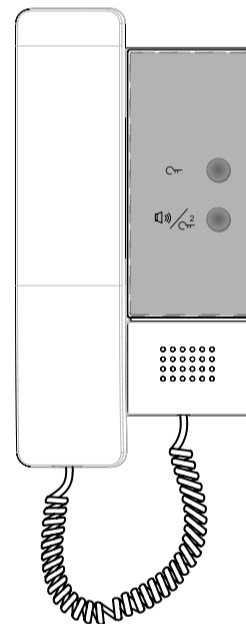
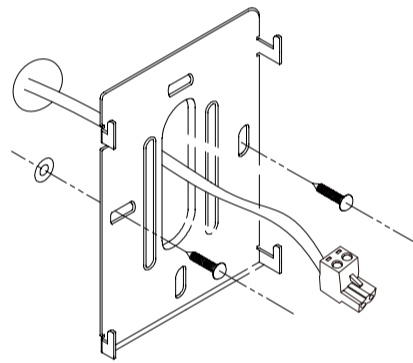
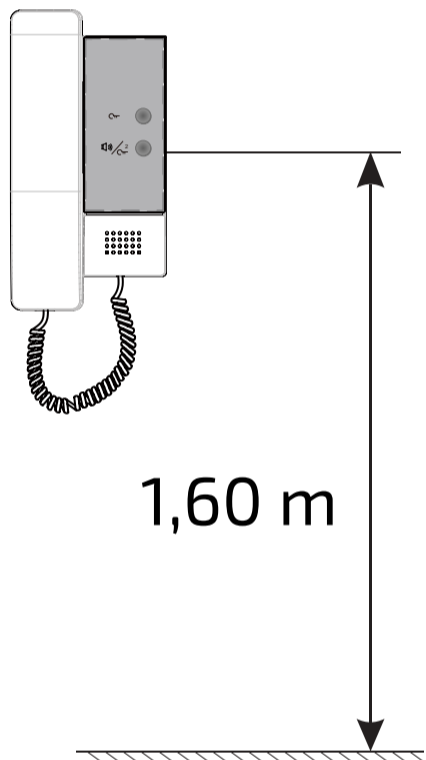
Power supply	24 Vdc by the line
Stand-by absorption	2,1 mA
Operating absorption	76 mA
Operating temperature	0°÷+50°C
Maximum permissible humidity	90%RH

Terminals

SW+/SW-	Floor call input
L1/L2	Line input



Buttons

	Door lock release button
	Intercom call/second door lock release button




Operation.

Call from external door station.

When the visitor calls from the door station, the intercom rings, you pick up the handset to speak to the visitor, then press the release button  to open the door. If the system connects 2 locks, press the release button  to open the second door.

Intercom call within the apartment.

Pick up the handset, then press the  to activate the internal call, All devices connected to the system and with the same user address will ring at the same time.


Floor call button.

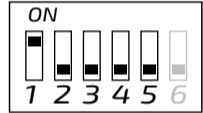



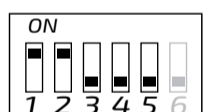



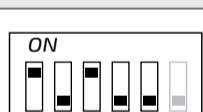

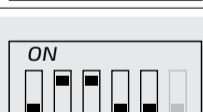
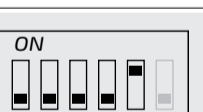
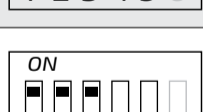
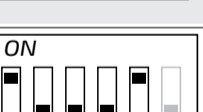
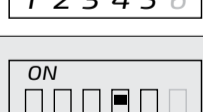

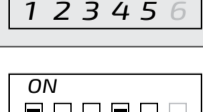
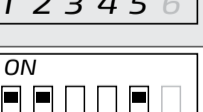
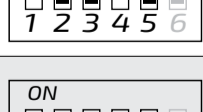

A floor call button can be connected between the SW+/SW- terminals.

Programming.

User address setting (DIP1).

Each apartment must have a unique identification called a user address. DIP1 dip-switches are used to set the user address of each device. DIP1 dip-switches 1~5 are used for setting the user address. The value is between 1 and 20, giving a total of 20 different addresses for 20 apartments. **After changing DIP1 dip-switches, power must be removed and then restored to the system.**

 Note: dip-switch 6 of DIP1 is used to set the line closed (ON) or leave the line open (OFF).





Dip-switches	Address	Posizione	Dip-switches
	1		11
	2		12
	3		13
	4		14
	5		15
	6		16
	7		17
	8		18
	9		19
	10		20

Master/Slave setting (DIP2).

When more than one internal station is installed in an apartment, they must use the same user address setting and also the Master/Slave mode must be set.

Dip-switches 1-2 of DIP2 are used to set the slave address or room number.

⚠ Note: After changing DIP2 dip-switches, power must be removed and then restored to the system.

DIP2	Master/Slave type
	Master
	Slave 1
	Slave 2
	Slave 3

Ring tone setting.

You can choose from four groups of ring tones. By lifting the handset to idle, each time K4 is pressed it switches from one ring group to another. A total of four groups of ringtones follow one another (when the fourth is reached, you return to the first). Lower the handset to exit the setting.

Ring tone volume setting.

There are three ringer volume levels (low, medium and high) to choose from. Picking up the handset at rest, each time K3 is pressed, the ringer volume changes (once the maximum is reached, it starts from the minimum). Lower the handset to exit the setting.

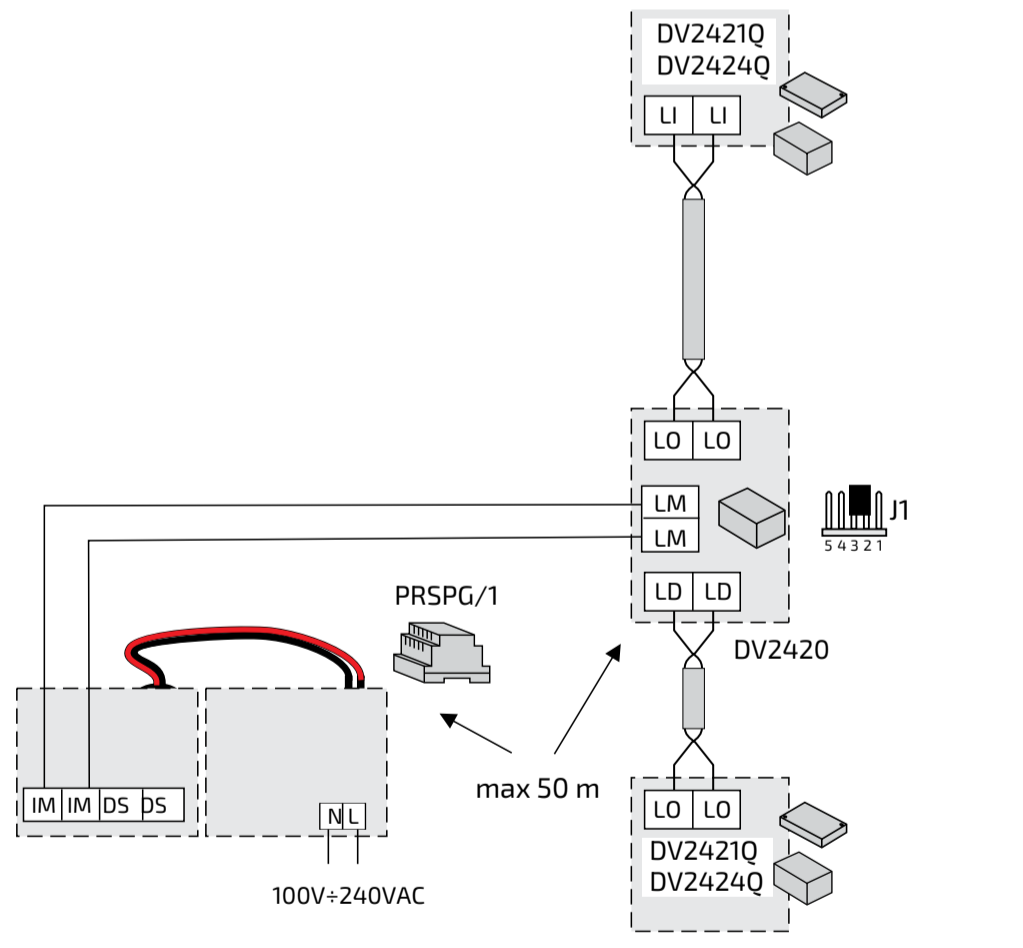
Group	Call type	Melody
1	From door station	DINGDONG
	Intercom call	TELEPHONE_RING
	Floor call	DINGDONG
2	From door station	DOREME
	Intercom call	RHYTHM_OF_THE
	Floor call	EDELWEISS
3	From door station	DINGDONG
	Intercom call	TELEPHONE_RING
	Floor call	DINGDONG
4	From door station	DOREME
	Intercom call	RHYTHM_OF_THE
	Floor call	EDELWEISS

Internal stations	How to programm	What to programm	Allowed addresses
SE7PG	Dip-switches	User address	1-20
SEIPG	DIP 1 dip-switches	User address	

External door station	How to programm	What to programm
CVPG	See on page 5	Configure as Building
CTPG located between CVPG and the second CTPG	Dip-switch 1 in ON	offset

Power supply	Number of internal stations (no SEM7PG)
PRSPG/1	20 max

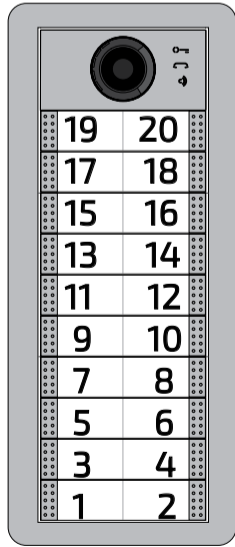
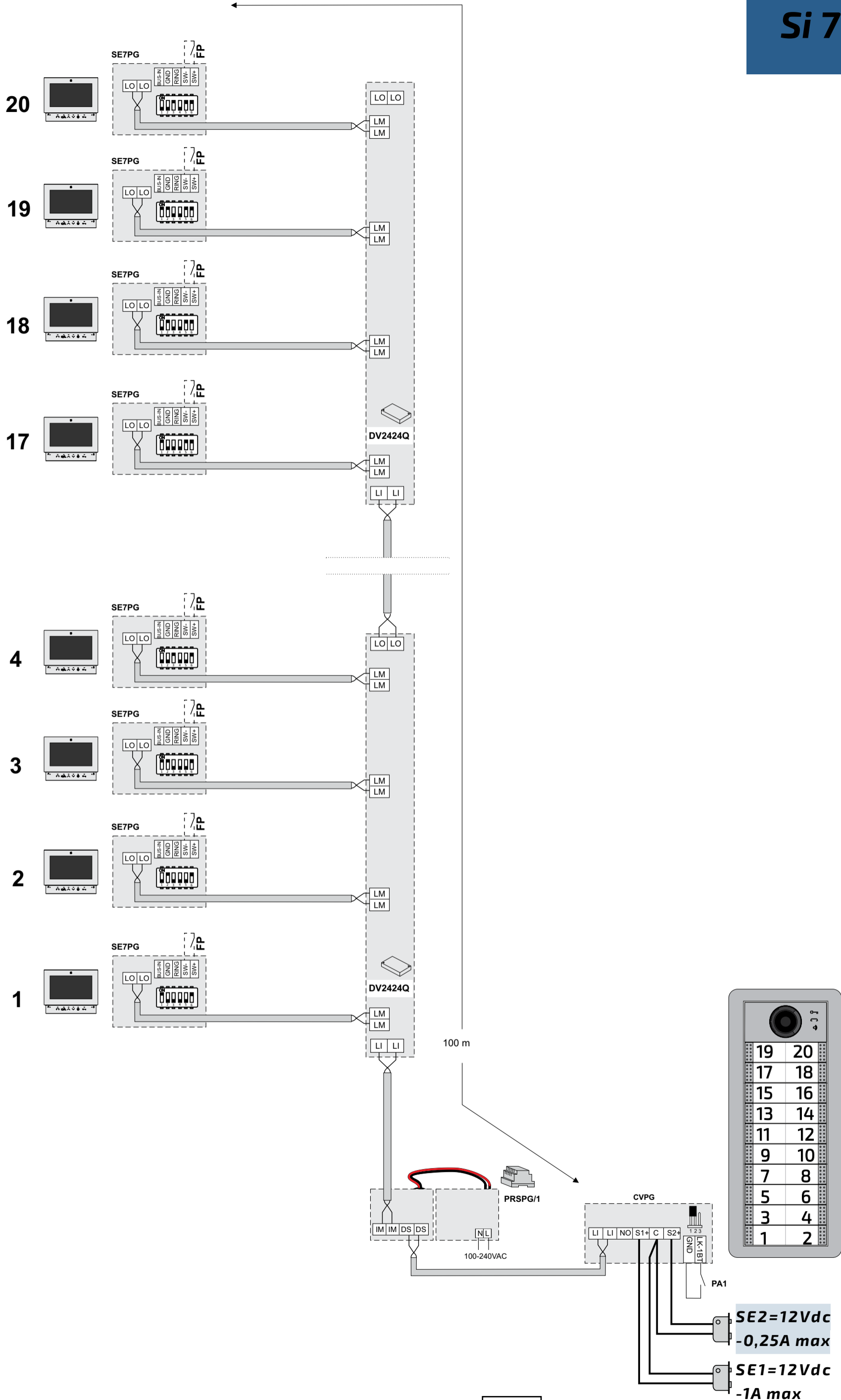
DIAGRAM FOR POWER ADDITION



Si 71VP/1

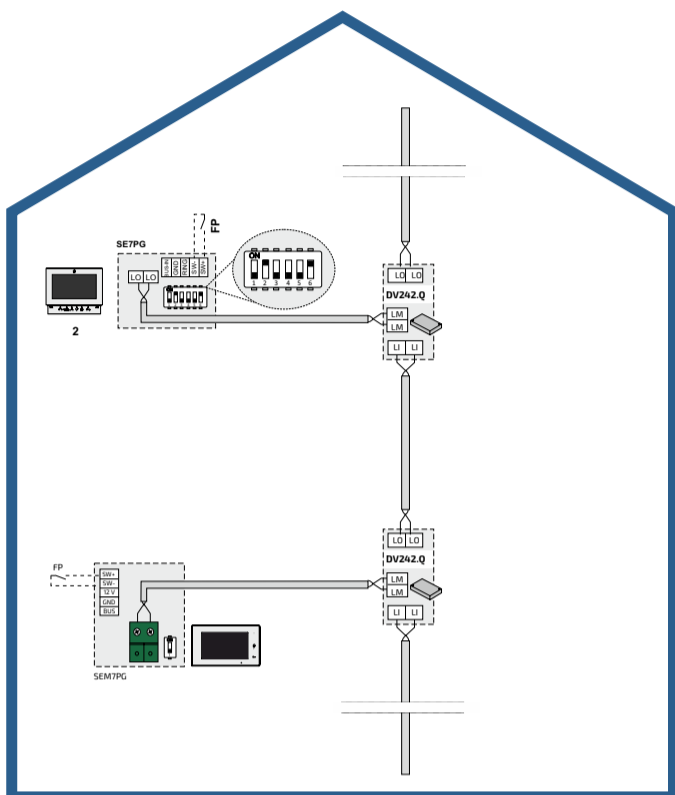
PG+
EN

PLUSEE+
TECHNOLOGY



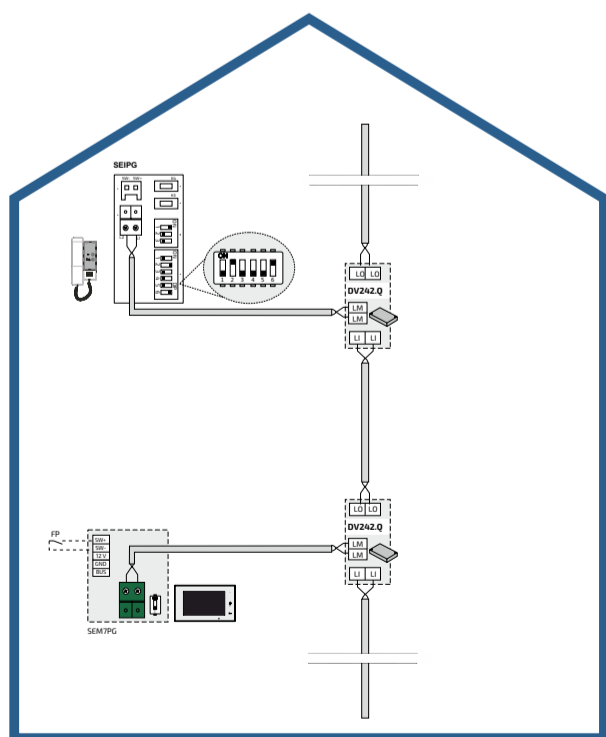
Two videointercoms in the same apartment.

For this particular situation, it is possible to install only one SEM7PG (wi-fi monitor) which will, if required, be connected to the wi-fi network and will forward calls to the smartphone. The second monitor will necessarily have to be SE7PG, on whose dip-switches at the rear will be set the same address as the first monitor (in this particular case, it has been assumed that the SEM7PG's "Call_Nbr" parameter is equal to user address 2). This address is also set on the dip-switches of SE7PG. On the latter, the further configuration 8001 (slave monitor 1) will be carried out with the possible option 8006 (on even if slave).



One videointercom and one intercom in the same apartment.

For this particular situation, it is possible to install a SEM7PG (wi-fi monitor) which will, if required, be connected to the wi-fi network and will forward calls to the smartphone and a SEIPG intercom, on whose DIP1 dip-switches located on the rear will be set the same address as the first monitor (in this particular case, it has been assumed that the SEM7PG's "Call_Nbr" parameter is equal to user address 2). This address is also set on the dip-switches of SEIPG. The further configuration of slave 1 will be carried out on the latter by turning DIP2 dip-switch 1 to ON.



Due to continuous technological evolution, equipment specifications, range composition and images may be subject to change without prior notice by the manufacturer.

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