

USER MANUAL



TEKNA PLUS SE MONITOR



INTRODUCTION

First of all, we thank and congratulate you for purchasing this product manufactured by Golmar.

Our commitment to achieving the satisfaction of customers like you is manifested through our ISO-9001 certification and the manufacture of products like the one you have just purchased.

Its advanced technology and strict quality control will ensure that customers and users enjoy the numerous features that this device offers. To get the most out of them and ensure proper operation from day one, we recommend that you read this instruction manual.

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SAFETY PRECAUTIONS

- Avoid overtightening the screws of the monitor's wall mount connection block.
- **Always disconnect the power supply** before making modifications to the device.
- The fitting and handling of these devices must be carried out by **authorised personnel**.
- All of the wiring must run at least **40cm away from any other wiring**.
- Install the monitor in a dry protected location free from the risk of dripping or splashing water.
- Do not place in humid, dusty or smoky locations, or near sources of heat.
- Before connecting the system to the mains, check the connections between the door panel, power supply, distributors and monitors.
- Always follow the instructions contained in this manual.

CHARACTERISTICS

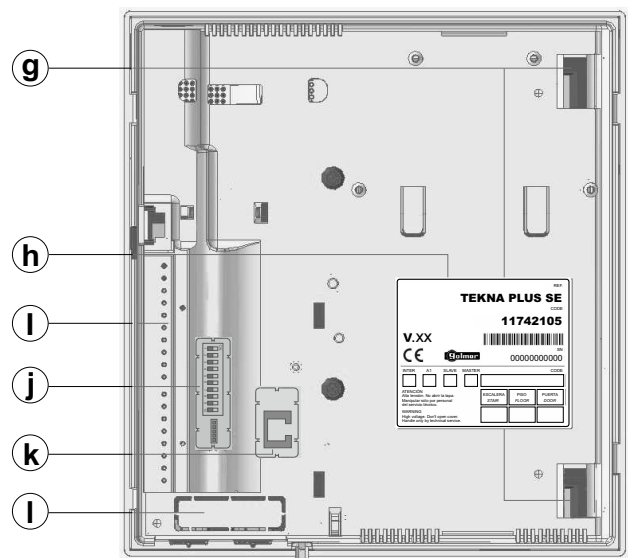
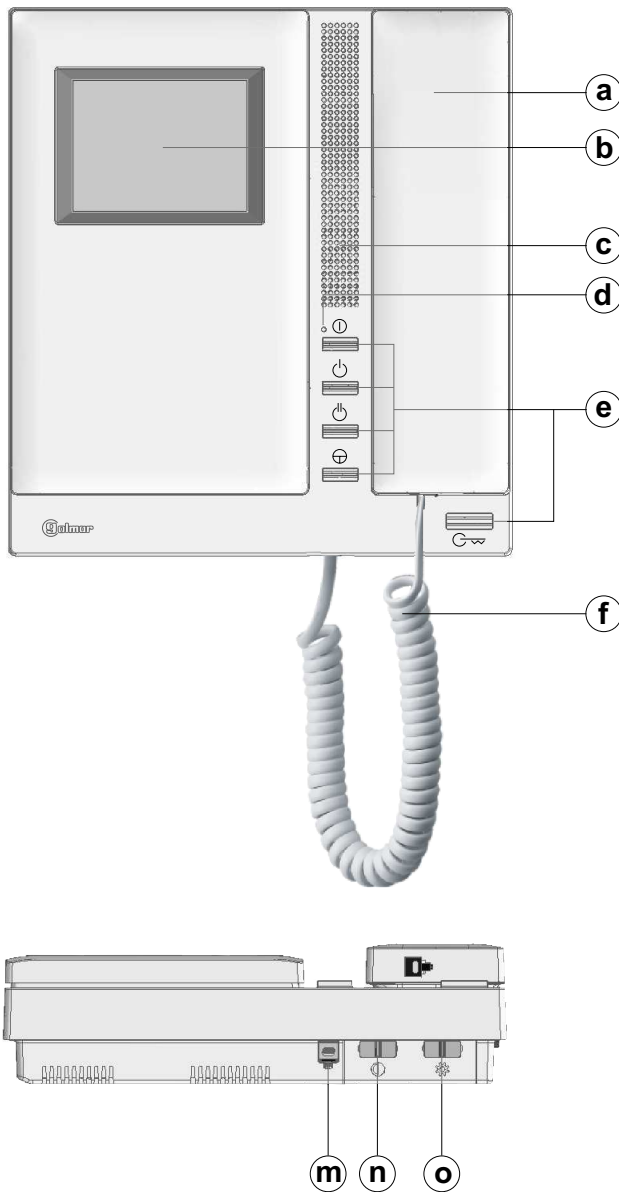
- Monitor for Plus / Uno installation.
- 3.5" TFT colour screen.
- Monitor with 3 common wires plus coaxial cable.
- Monitor with 4 common wires plus twisted pair.
- Monitor with UTP cabling plus RJ-45 connector.
- Function and advanced programming buttons (to customise the monitor's functions).
- Completely private conversation and image.
- Auto switch-on function.
- Auto spy function without occupying a channel.
- "Doctor mode" function ("automatic door opening", see p. 11).
- Intercom between two devices in the same apartment.
- Input for calls from the apartment front door.
- Call volume control (minimum, medium and maximum).
- Input for outside door release push button.
- Output to auxiliary call repeater.
- Call to master and slave porter's exchange.
- Panic call to porter's exchange.
- Different ringtones to identify call origin: Door panel, porter's exchange, intercom and interior door of the apartment.
- Activation of two auxiliary functions: second camera, courtesy lights, etc.
- Adjustment of brightness and colour.
- DIP switches for setting the monitor address, "call code" and master/slave (quick programming mode).
- Door release push button.
- Monitor status LED.
- Programming LED.

SYSTEM OPERATION

- To make a call, the visitor presses the button for the apartment, a number of audible tones indicate that the call is being made and LED  on the door panel illuminates. At this moment, the apartment's monitor (telephone) receives the call. If the visitor presses the button for another apartment by mistake, the call can be cancelled by pressing the button for the correct apartment.
- In systems with several access doors, the other door panel(s) automatically disconnect. If another visitor attempts to call, a number of telephone tones will indicate that the channel is busy and LED  on the door panel will illuminate.
- General entrance door panels (EL501 mode): If the call is being made from the general entrance door panel, the interior door panel of the building being called and other possible general entrance door panels automatically disconnect. If another visitor attempts to call from either a busy interior door panel, a number of telephone tones will indicate that the channel is busy and LED  of the door panel will illuminate, or from another general entrance door panel, a number of telephone tones will indicate that the channel is busy and LED  of the general entrance door panel will blink for 3 seconds. The door panels of the other interior buildings will remain free to be used.
- General entrance door panels (EL501 mode): If the call is made from an interior door panel, the other interior door panels will remain free to be used. It is only possible to make calls to interior buildings from the general entrance door panels when their door panels are not in use. If an attempt is made to make a call to a busy interior door panel, a number of telephone tones will indicate that the channel is busy and LED  of the general entrance door panel will blink for 3 seconds.
- The call lasts for 45 seconds, during which time an image appears on the apartment's monitors for 2 seconds after the call is received without the visitor knowing, and the status LED on the master monitor will illuminate (green). If the call is not answered within 45 seconds, the master monitor's status LED will illuminate (red), LED  on the door panel will turn off and the channel will be free.
- To establish communication, lift the handset of the monitor (telephone), and the monitor's status LED (green) and the door panel's LED  will illuminate.
- The communication will last for one and a half minutes or until the handset is replaced. After the communication, the monitor's status LED will illuminate (red), the door panel's LED  will turn off and the channel will be free.
- To open the door, press the door release push button during the call or communication processes: one press will activate the door release for 3 seconds and LED  will also illuminate for 3 seconds.
- Descriptions of the function buttons can be found on page 5.

DESCRIPTION OF THE MONITOR

Description of the Tekna Plus SE monitor:



- a. Handset.
- b. Colour screen.
- c. Advanced programming LED.
- d. Monitor status LED (bicoloured):
 - Standby: LED illuminated red.
 - Call: LED illuminated green (master monitor).
 - Communication: LED illuminated green.
 - "Video-spy" if busy bus: LED fast blinking red.
- (With monitor V03 or later).
- Night mode: LED blinking red.
- Doctor mode: LED blinking green
- e. Function / programming push buttons.
- f. Telephone cord.
- g. Attachment holes.
- h. Identification label.
- i. Connecting points.
- j. DIP switches.
- k. RJ-45 connector (installation with UTP cable).
- l. CN4 connector.
- m. Cord connector.
- n. Contrast control.
- o. Brightness control.

Description of the identification label:

REF.			
TEKNA PLUS SE			
CODE			
11742105			
SN			
000000000000			
V.XX			
CE			
Golmar			
000000000000			
INTER	A1	SLAVE	MASTER
☐	☐	☐	☐
CODE			
ATENCION			
Alta tensión. No abrir la tapa.			
Manipular sólo por personal			
del servicio técnico.			
WARNING			
High voltage. Don't open cover.			
Handle only by technical service.			
ESCALERA	PISO	PUERTA	
STAIR	FLOOR	DOOR	
☐	☐	☐	

To facilitate repair, replacement or the addition of monitors to the existing installation, fill in the label with the relevant information.

MASTER: main monitor.

SLAVE: secondary monitor.

INTER: secondary monitor with intercom function.

A1: monitor connected to an auxiliary device.

CODE: call button code.

STAIRWAY: code of the channel (building).

DESCRIPTION OF THE MONITOR

Function push buttons:

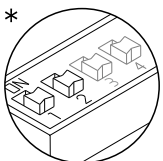
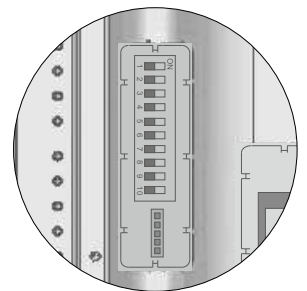
-  One short press for 1 second, with the monitor in standby and the handset on or off the hook, activates night mode on the monitor, confirmed by the status LED blinking red. During a call, the monitor does not emit a ringtone unless it is an "apartment front door call".
- One long press for 3 seconds, with the monitor in standby and the handset on or off the hook, turns the monitor on or off. After any resetting of the monitor and for the following 45 seconds, no operation with it can be performed.
- One long press for 3 seconds during a call cancels the call on the monitor. If there are more monitors in the apartment, they will continue with the ringtones of the door panel. During communication with the door panel, the communication in progress will end.
- (*)  With the handset lifted, the intercom (in the same apartment) is activated. One long press until a confirmation tone can be heard will call all of the monitors in the apartment. To call individual devices, press the button once to call the "master" monitor, twice to call "slave 1", 3 times to call "slave 2", 4 times to call "slave 3" and 5 times to call "slave 4". This selective intercom call mode is only available with the Tekna Plus SE monitor. This only functions if no call or communication is in progress.
- (*)  Regardless of the position of the handset, the auxiliary device is activated.
-  With the handset hung up, the image from the door panel configured as master can be viewed (if busy bus, the monitor status LED will indicate with fast blinking red. **With monitor V03 or later**). With the handset lifted, audio and video communication can be established with the door panel if it has its auto switch-on function activated. This only functions if no communication is in progress.
-  With the handset hung up, a panic call to the guard units configured to receive such calls is made. With the handset lifted, a normal call can be made to the main guard unit. During call reception and communication processes, the door release can be activated.

(*) In advanced programming mode, the default functions of function push buttons  and  can be changed with one of the following functions at the same time and per button: "intercom", "auxiliary device activation", "second camera activation" or "call to slave porter's exchange" (see page 12).

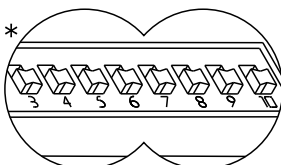
Description of the SW2 DIP switch:

The SW2 DIP switch is located on the left-hand side of the back of the monitor. It enables the monitor to be configured as master / slave and an address to be assigned.

Important: This type of programming cannot be performed on a general entrance door panel.

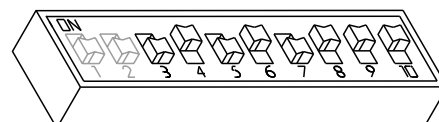


DIP1 and DIP2: To set the monitor as master / slave. DIP1 and DIP2 to OFF, master, DIP1 to ON and DIP2 to OFF, slave 1, DIP1 to OFF and DIP2 to ON, slave 2, DIP1 and DIP2 to ON slave 3.



DIP3 to DIP10: To set the monitor address (addresses 1 to 255). The switches set to OFF have a zero value.
The values of the switches set to ON are shown in the table below.
The monitor code is the sum of the values of the switches set to ON.

Switch number:	3	4	5	6	7	8	9	10
Value when ON:	128	64	32	16	8	4	2	1

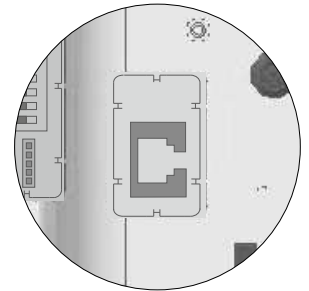


Example: $0+64+0+16+0+4+2+1=87$

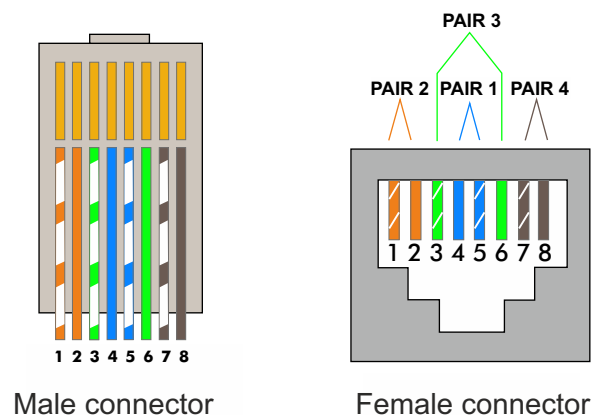
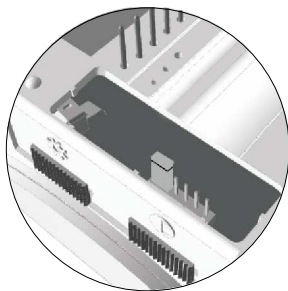
***Factory setting**

DESCRIPTION OF THE MONITOR**Description of the RJ-45 connector (installation with UTP cable):**

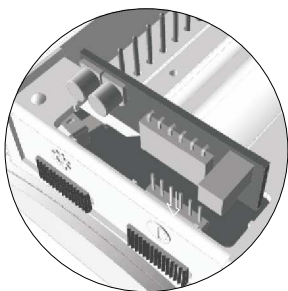
The monitor features an RJ-45 connector for installation with a UTP cable. It is located on the left-hand side of the back of the monitor. It enables connection of the system's main communication wires (**+, -, A, D, Vp y Mp**) in twisted-pair installations.

**RJ-45 equivalence table**

Pin	Ethernet cable	Golmar connection
1	White + Orange	GND (Audio)
2	Orange	Audio
3	White + Green	GND (Data)
4	Blue	+18V
5	White + Blue	+18V
6	Green	Data
7	White + Brown	Vp
8	Brown	Mp

RJ-45 connector (cable type: T568B)**MONITOR ADJUSTMENTS****Handling of the end of line jumper:**

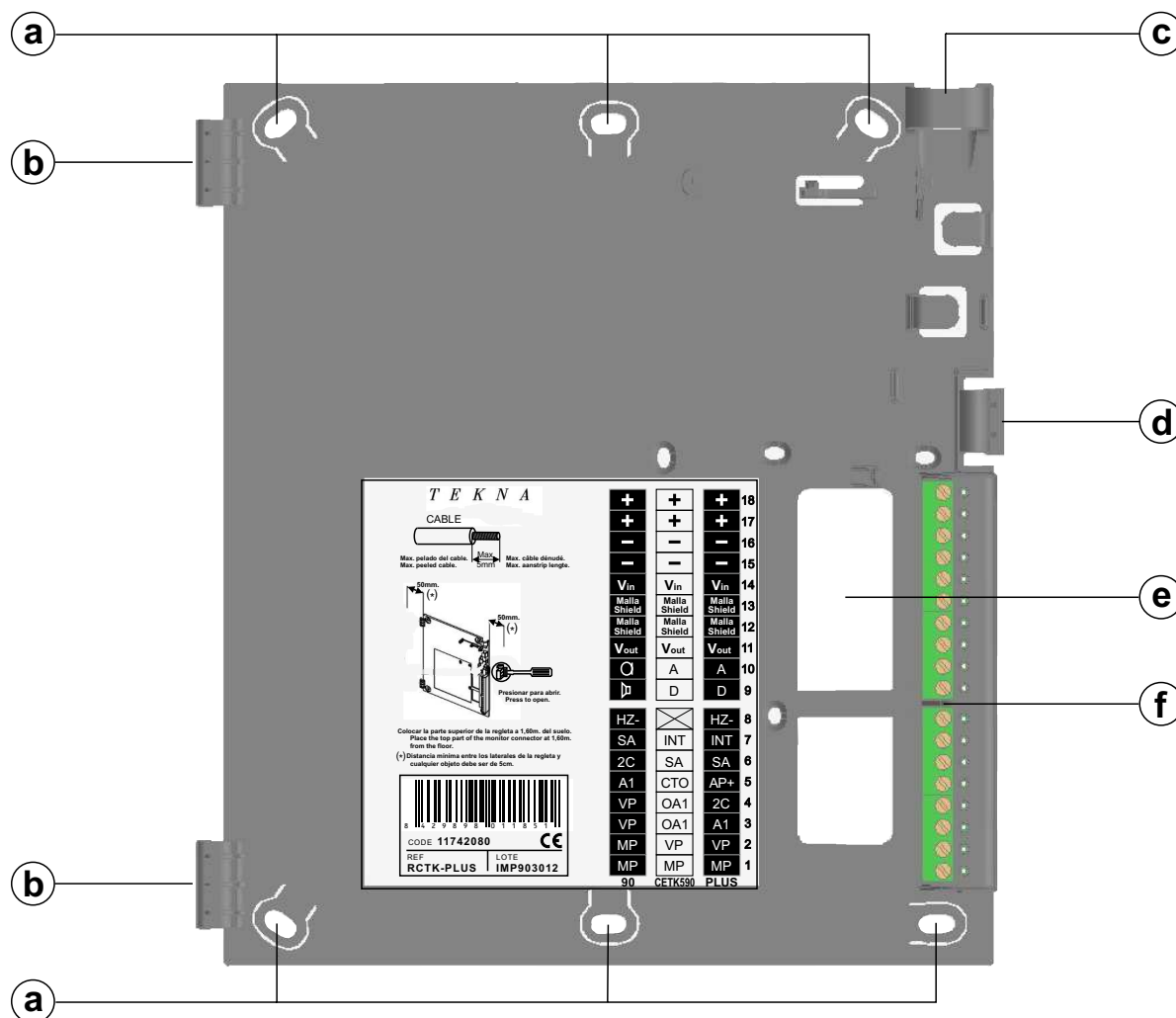
The end of line jumper is located on the CN4 connector at the back of the monitor. In the case of twisted pair installations, the end of line jumper is located in the EL562 module (see next section). Do not remove the jumper if the video cable ends in the monitor. Remove the jumper if the video cable continues after the monitor.

EL562 module for video door entry system installations with twisted pair cable:

Locate the CN4 connector at the back of the monitor. To insert the EL562 module, remove the jumper that is in the connector.

NOTE: In this type of installation, set the SW1-3 DIP switches on the sound module of the door panel to ON, see instruction manual **T632 Plus P/T ML** (page 13), or the SW1-3 DIP switches on the EL500SE microprocessor to ON, see manual **T5000 ML** (page 7). The door panel of the SV801SE GRF kit does not require modification. Use the specific wiring diagram.

DESCRIPTION OF THE WALL MOUNT CONNECTION BLOCK

Description of the RCTK-PLUS wall mount connection block:

- a. Holes for fixing to wall (x6).
 b. Monitor fixing clips (x2).
 c. Vertical wiring clips.
 d. Fixing clip.
 e. Central wiring entry.
 f. Connection terminals:

+, -:	positive, negative.
Vin :	video signal input through coaxial cable.
Mesh:	coaxial cable mesh.
Vout :	video signal output through coaxial cable.
A :	audio communication.
D :	digital communication.
HZ- :	door bell push button input.
INT :	intercom.
SA :	auxiliary call repeater output.
AP+ :	auxiliary door opening push button input.
2C :	2nd camera activation output.
A1 :	auxiliary device activation output.
Vp, Mp :	balanced video signal (through twisted pair).

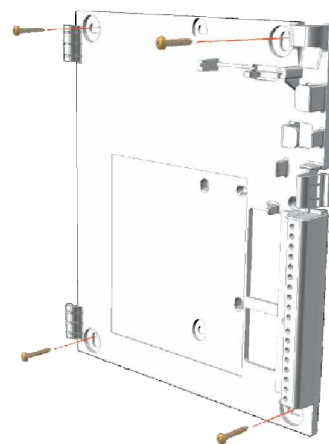
The +, - and mesh terminals are duplicated to facilitate the cascade connection of other monitors or telephones. If the monitor is not positioned on the wall mount connection block, the cascade connected monitors or telephones will not receive power.

INSTALLATION OF THE MONITOR

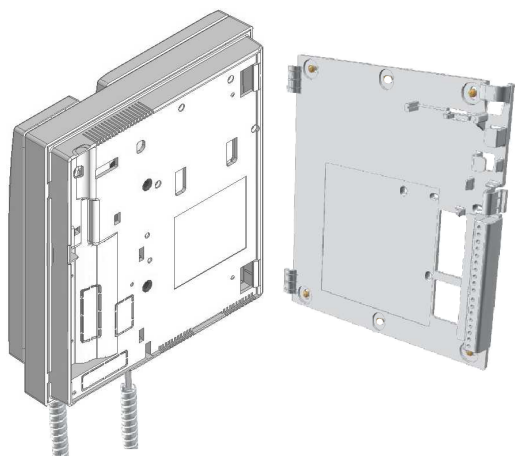
Fixing the monitor's wall mount connection block to the wall:

Avoid dusty or smoky environments or locations near sources of heat.
To fix the monitor directly to the wall, drill four Ø6mm holes and use the plugs and screws supplied.

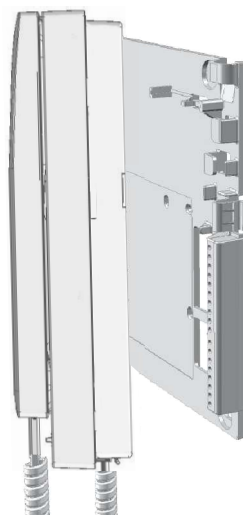
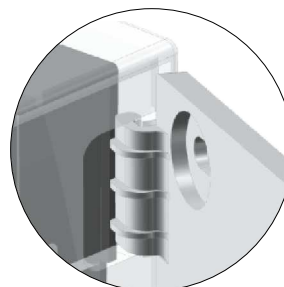
The top of the wall mount connection block must be positioned at a height of 1.60m. The minimum distance between the sides of the wall mount connection block and the closest object must be 5cm.



Fixing the monitor's wall mount connection block to the wall:

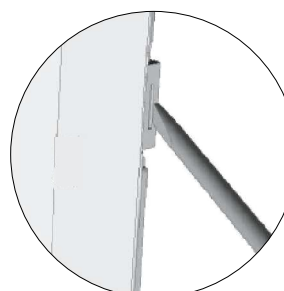


Place the monitor at right angles to the wall mount connection block and align the holes on its base with the fixing clips of the connection block, as shown in the drawing.



Close the monitor like a book, applying pressure to the right-hand side until the click of the connection block's fixing clips can be heard.

To remove the monitor from the connection block after installation, use a flat screwdriver to release the fixing clips. Once the monitor has been released, open it like a book and remove it from the connection block, making sure that it does not fall.



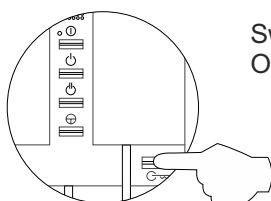
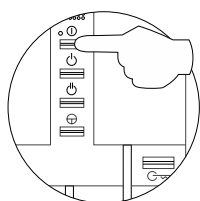
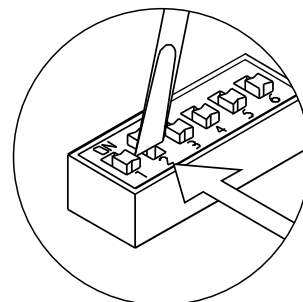
PROGRAMMING THE MONITORS

Programming the TEKNA PLUS SE monitor:

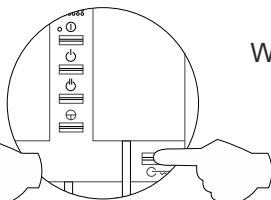
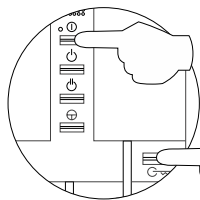
Locate the SW2 DIP switch on the EL632 Plus sound module or the EL500SE microprocessor and set to ON.

In systems with more than one door panel, only perform this procedure on the main door panel of each building.

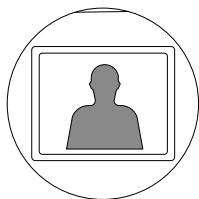
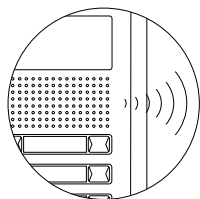
Important: To perform this programming, the monitor's SW2 DIP switches should be set to **OFF**.



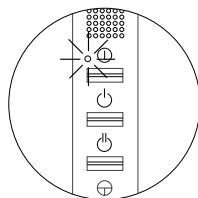
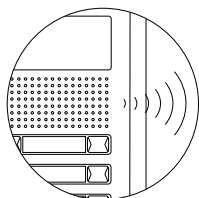
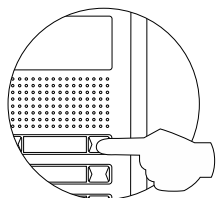
Switch off the monitor to be programmed.
Once switched off, press the door release push button.



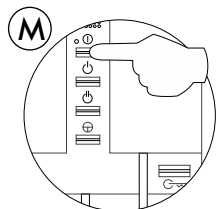
While keeping the door release push button pressed, switch on the monitor.



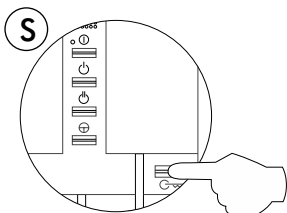
To show that the system is ready for programming, the door panel will emit a number of tones and an image will appear on the monitor, at which point the door release push button can be released. To establish audio communication with the door panel, lift the handset.



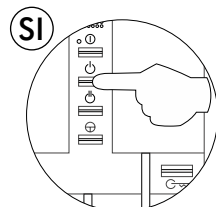
Press the door panel push button.
At this moment, the door panel will emit a number of tones and the monitor's LED will blink red.



To programme the monitor as *Master*, press button ① for 3 seconds.



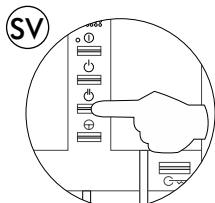
To programme the monitor as *Slave 1*, press button ④ once, and the status LED will blink green once. Continue successively to Slave 4, pressing button ④ four times, with the status LED blinking green four times.



To programme the monitor as *Slave with intercom*, press button ⑤ and the status LED will blink green once.

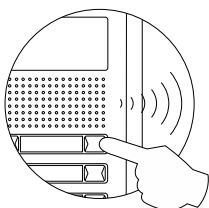
PROGRAMMING THE MONITORS

Continued from the previous page.



To programme the monitor as **Slave without video**, press button  and the status LED will blink green once. If button  is pressed again, the monitor will return to being programmed as **Slave with video**, and the status LED will blink green twice. The door panel video will be displayed during a call depending on whether the monitor has been programmed as: Slave with video or Slave without video.

Each apartment must only have one master unit; if there are parallel units, either monitors or telephones, they must be configured as slaves.

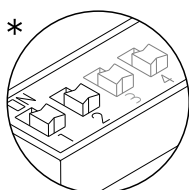
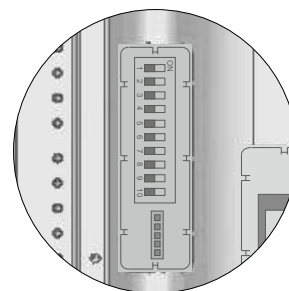


Make a call to check that the monitor has been successfully programmed. Programme the other telephones in the same way. Once the programming has finished, set the programming switch to OFF. If this is not done, the door panel will emit tones to indicate that the system is still in programming mode.

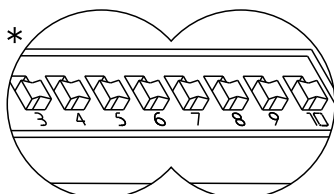
Quick programming of the Tekna Plus SE monitors:

The SW2 DIP switch is located on the left-hand side of the back of the monitor. It enables the monitor to be configured as master / slave and an address to be assigned.

Important: This type of programming cannot be performed on a general entrance door panel.

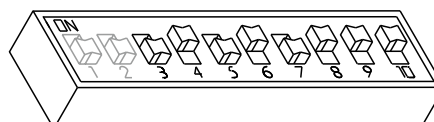


DIP1 and DIP2: To set the monitor as master / slave. DIP1 and DIP2 to OFF, master, DIP1 to ON and DIP2 to OFF, slave 1, DIP1 to OFF and DIP2 to ON, slave 2, DIP1 and DIP2 to ON slave 3.



DIP3 to DIP10: To set the monitor address (addresses 1 to 255). The switches set to OFF have a zero value. The values of the switches set to ON are shown in the table below. The monitor code is the sum of the values of the switches set to ON.

Switch number:	3	4	5	6	7	8	9	10
Value when ON:	128	64	32	16	8	4	2	1



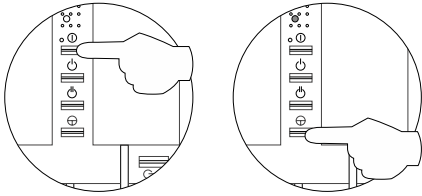
Example: $0+64+0+16+0+4+2+1=87$

***Factory setting**

ADVANCED PROGRAMMING (MONITOR FUNCTIONS)

Advanced programming of the functions of the Tekna Plus SE monitor:

Advanced programming enables the monitor's default settings to be changed:

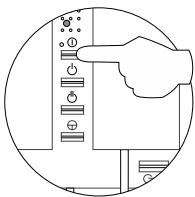


Switch off the monitor to be programmed.
Once switched off, press button  for 3 seconds to enter "Menu 1" of advanced programming, and the programming LED will illuminate.

Menu 1:

Then adjust the settings as required:

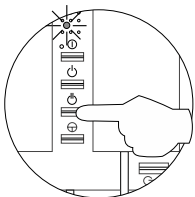
- **Adjusting the call volume:** High volume (default setting).



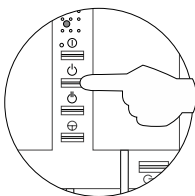
Adjusting the call volume: Press button  to select the required volume. (Options: minimum, medium and maximum). Regardless of the volume set, the "apartment front door call" ringtone will always sound at the highest level.

- **Changing the ringtone melody:**

The monitor has different ringtones to identify the origin of the call. The melodies assigned by default to the ringtones can be selected from among others available on the monitor.



Select the ringtone to be changed: Each press on button  selects a ringtone which is indicated with blinks (1 to 4 blinks) of the programming LED and in the following order: door panel, guard unit, intercom call and "HZ" apartment front door call. When the final selection is reached, the following press returns the user to the first selection and 1 blink of the programming LED (carousel mode).

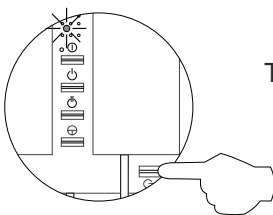


Then select the melody for the ringtone (selected in the previous step) by pressing button  until the required "carousel mode" melody is heard.

- **Activating / deactivating the doctor mode function:** Doctor mode not activated (default setting).

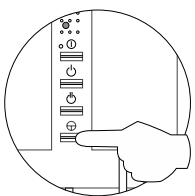
The "doctor mode" function enables the door release to be activated automatically 6 seconds after making a call from the door panel without having to establish communication or press door release button . The call ends after 20 seconds and the channel is freed.

(Only the master monitor should be configured with "doctor mode").



To activate doctor mode: Press button , and the programming LED will indicate with 2 blinks that the function is activated or with 1 blink that the function is deactivated.

- **Accessing "Menu 2" or exiting programming mode:**



To access "Menu 2", press button , and the programming LED will blink twice.
To exit programming mode, press button  for 3 seconds, and the programming LED will turn off (see page 14).

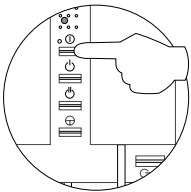
ADVANCED PROGRAMMING (MONITOR FUNCTIONS)

Continued from the previous page.

Menu 2:

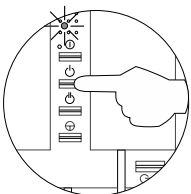
Then adjust the settings as required:

- Button ① has no function.



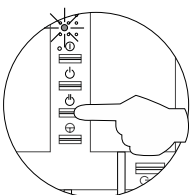
No function.

- Changing the function of button ② : Intercom function (default setting).



Select the function to assign to button ② : Each press on button ② selects a different function which is indicated with blinks (1 to 4 blinks) of the programming LED and in the following order: auxiliary device activation "A1", call to slave porter's exchange, second camera activation "2C" and intercom. When the final selection is reached, the following press returns the user to the first selection and 1 blink of the programming LED (carousel mode).

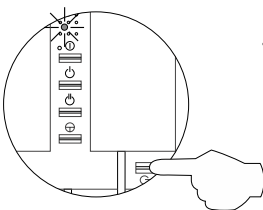
- Changing the function of button ③ : Auxiliary device activation function. "A1" (default setting).



Select the function to assign to button ③ : Each press on button ③ selects a different function which is indicated with blinks (1 to 4 blinks) of the programming LED and in the following order: auxiliary device activation "A1", call to slave porter's exchange, second camera activation "2C" and intercom. When the final selection is reached, the following press returns the user to the first selection and 1 blink of the programming LED (carousel mode).

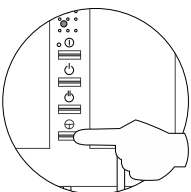
- Intercom with Tekna Plus monitors: Intercom with Tekna Plus SE monitors (default setting).

If an apartment has Tekna Plus and Tekna Plus SE monitors, the Tekna Plus SE monitors should be configured with "Intercom with Tekna Plus monitors" mode, as Tekna Plus monitors do not allow an intercom call to a particular monitor in the apartment to be made (selective intercom call). So when an intercom call is made, all of the monitors in the apartment will receive the call.



To activate the Intercom with Tekna Plus monitors mode: Press button ④, and the programming LED will indicate with 1 blink that the function is in "Intercom with Tekna Plus monitors" mode or with 2 blinks that the function is in "Intercom with Tekna Plus SE monitors" mode.

- Accessing "Menu 3" or exiting programming mode:



To access "Menu 3", press button ⑤, and the programming LED will blink 3 times.
To exit programming mode, press button ⑤ for 3 seconds, and the programming LED will turn off (see page 14).

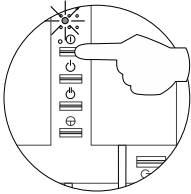
ADVANCED PROGRAMMING (MONITOR FUNCTIONS)

Continued from the previous page.

Menu 3:

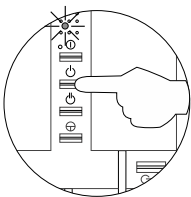
Then adjust the settings as required:

- **Repeating the ringtones:** One repeat (default setting).



To "repeat the ringtone" on the monitor: Each press on button ① selects a repeat of the ringtones which is indicated with blinks (1 to 3 blinks) of the programming LED and in the following order: 1, 2 or 3 repeats. When the final selection is reached, the following press returns the user to the first selection and 1 blink of the programming LED (carousel mode).

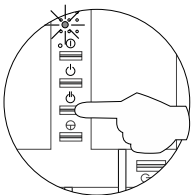
- **Adjusting the "door panel communication time":** 90 seconds (default setting).



To adjust the "door panel communication time": Each press on button ② selects a communication time which is indicated with blinks (1 to 4 blinks) of the programming LED and in the following order: 60, 90, 120 and 150 seconds. When the final selection is reached, the following press returns the user to the first selection and 1 blink of the programming LED (carousel mode).

Note: This adjustment can be performed on Nexa door panels with EL632 Plus sound module. (Please consult our technical service department for information about other models of door panel).

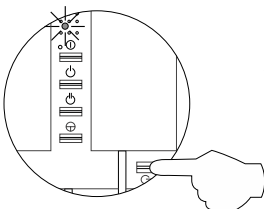
- **Adjusting the "door panel call time":** 45 seconds (default setting).



To adjust the "door panel call time": Each press on button ③ selects a call time which is indicated with blinks (1 to 4 blinks) of the programming LED and in the following order: 30, 45, 60 and 90 seconds. When the final selection is reached, the following press returns the user to the first selection and 1 blink of the programming LED (carousel mode).

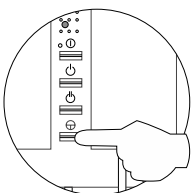
Note: This adjustment can be performed on Nexa door panels with EL632 Plus sound module. (Please consult our technical service department for information about other models of door panel).

- **Activating the in-call video:** The video appears when a call is received (default setting).



Activating the in-call video: Press button ④, and the programming LED will indicate with 2 blinks that the video will appear on the monitor when a call is received or with 1 blink that the video will appear at the end of the ringtone.

- **Accessing "Menu 4" or exiting programming mode:**



To access "Menu 4", press button ⑤, and the programming LED will blink 4 times.

To exit programming mode, press button ⑤ for 3 seconds, and the programming LED will turn off (see page 14).

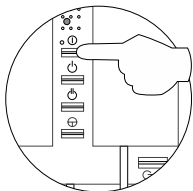
ADVANCED PROGRAMMING (MONITOR FUNCTIONS)

Continued from the previous page.

Menu 4:

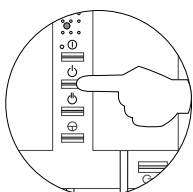
Then adjust the settings as required:

- **"Default setting",** all the advanced monitor programming options:



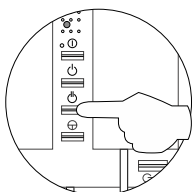
Set to "default setting": Press button ①, and the monitor will indicate with 2 acoustic tones that all the options of the advanced programming of the monitor (pag. 11-14) are with its default setting. **(With monitor V03 and later).**

- Button  has no function.



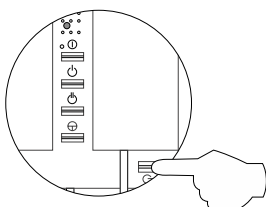
No function.

- Button  has no function.



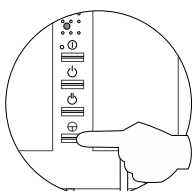
No function.

- Button  has no function.



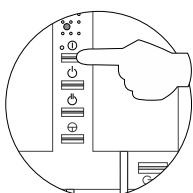
No function.

- **Accessing "Menu 1" or exiting programming mode:**



To access "Menu 1", press button ②, and the programming LED will blink once (see page 11). To exit programming mode, press button ② for 3 seconds, and the programming LED will turn off.

- **Turning on the monitor when exiting programming:**



When exiting advanced programming mode, the monitor will turn off: Press button ① for 3 seconds to turn the monitor back on. After any resetting of the monitor and for the following 45 seconds, no operation with it can be performed.

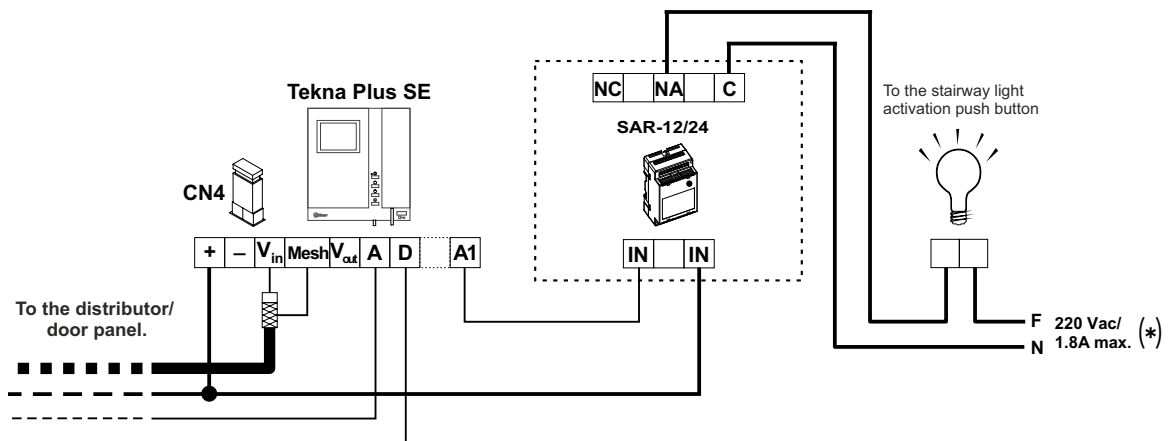
OPTIONAL CONNECTIONS

Auxiliary device activation with Tekna Plus SE monitors:

Auxiliary device activation requires the use of an SAR-12/24 relay unit. If the feature is shared by all monitors, connect their A1 terminals; if, however, each monitor has its own feature, use an SAR-12/24 relay for each one and do not connect their A1 terminals.

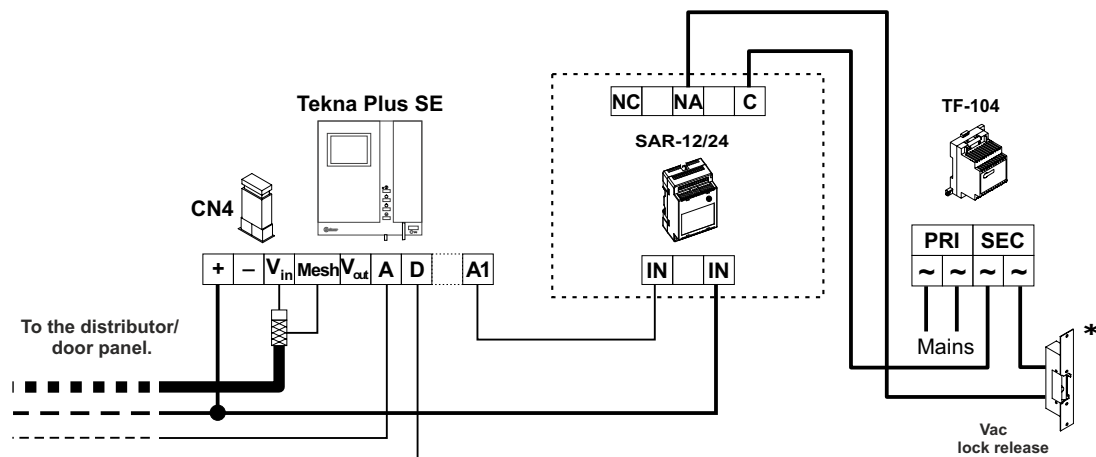
This function is activated when button  is pressed on the monitor at any time and regardless of the position of the handset.

The most common applications are activating the stairway lights and opening a second door.



(*) The neutral of the lighting power supply is arranged serially through the contacts of the SAR-12/24 relay and the maximum consumption of the element to be connected does not exceed 1.8A.

To activate a second door release, a TF-104 transformer is required.

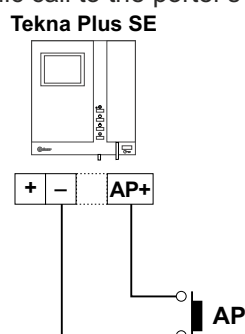


* **Important:** Place the varistor supplied with the sound module directly onto the terminals of the lock release.

Exterior push button input for activating the door panel door release:

This enables the door panel door release to be activated during a call or communication with the door panel.

With the monitor in standby, it makes a panic call to the porter's exchanges configured to receive this type of call.



Continued overleaf

OPTIONAL CONNECTIONS

Continued from the previous page.

Intercom between two points in the same apartment:

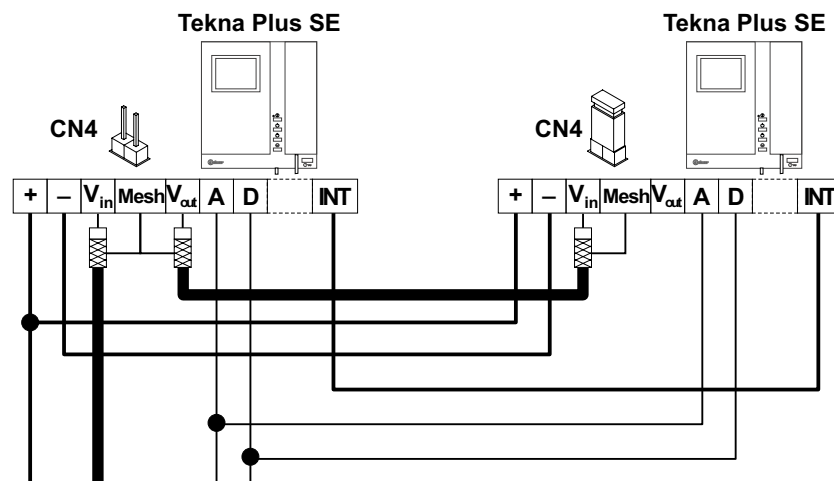
The Tekna Plus SE monitor features as standard an intercom function between two points in the same apartment. To enable this feature, the following is necessary:

- One of the monitors needs to be configured as master and the other as slave with intercom, as described on page 9. In the case of intercom between a monitor and a telephone, it is recommended to configure the monitor as the master.
- The INT terminal of the intercom devices need to be connected (see diagram attached).

To use the intercom function to call all of the monitors in the apartment, lift the handset and press the button until a confirmation tone can be heard. To call individual devices, press the button once to call the "master" monitor, twice to call "slave 1", 3 times to call "slave 2", 4 times to call "slave 3" and 5 times to call "slave 4". This selective intercom call mode is only available with the Tekna Plus SE monitor. This only functions if no call or communication is in progress. A number of audible tones emitted by the handset will confirm that the call is being made or that the unit being called is in communication with the door panel. To establish communication, lift the handset of the unit being called. If a call is received from the door panel during an intercom process, the handset of the master unit will emit a number of audible tones and an image will appear. To establish communication with the door panel, press button ⊕ on the unit configured as master or press the door release push button to simply open the door.

The ringtones vary depending on where the call is made from to enable the user to identify its origin.

Note: If the apartment also has Tekna Plus monitors, the Tekna Plus SE monitors must be configured as "Intercom with Tekna Plus monitors" (see page 12). This configuration mode does not allow selective intercom calls to different monitors in the apartment; when the intercom button is pressed, all of the monitors in the apartment will receive the call.

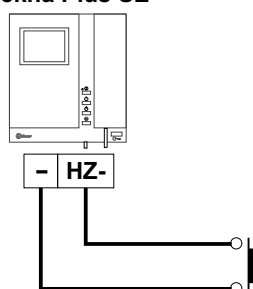


Button for receiving calls from the apartment front door:

The Tekna Plus SE monitor features as standard the ability to receive calls from the apartment front door. This feature precludes the need to use the bell by positioning a switch between terminals "HZ—" and "—" of the monitor. The ringtones vary depending on where the call is made from to enable the user to identify its origin. If a call is made from the apartment front door during a conversation with the door panel, the handset will emit a number of tones to indicate so.

Note: Regardless of the volume set for the monitor's ringtones (see page 11) and the "night mode" function, the "apartment front door call" ringtone will always sound at the highest level.

Tekna Plus SE



Continued overleaf

OPTIONAL CONNECTIONS

Continued from the previous page.

Activation of a second camera:

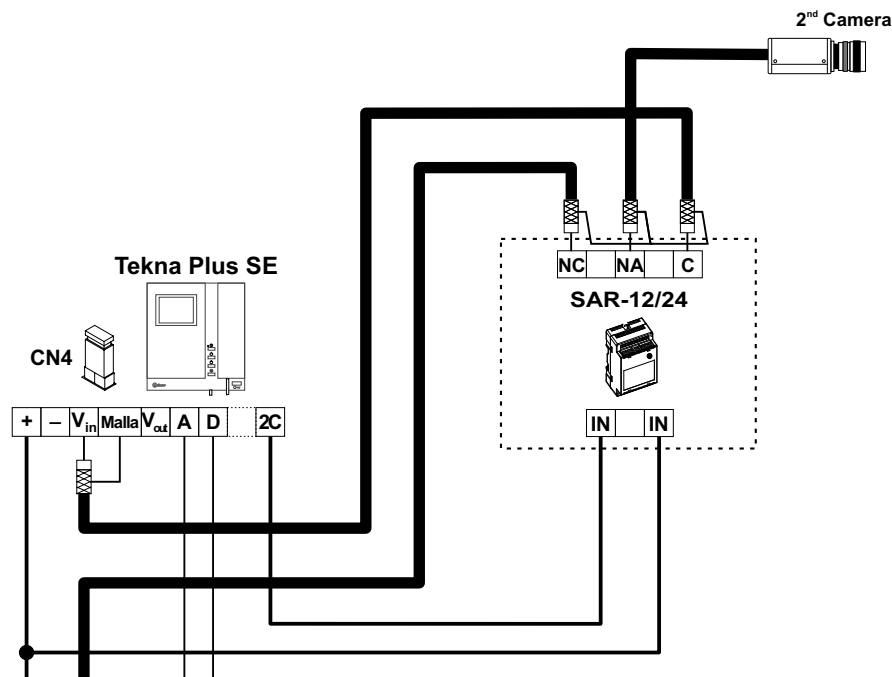
The use of a SAR-12/24 relay will be required to activate a second camera and a change in the configuration of the function push button  or  on the monitor shall be done, as it's described on page 12.

To activate this function, press the configuration monitor push button at any moment with no dependence of the handset position.

If this device is shared for all monitors, link their 2C terminal and use just one relay unit. In case that each monitor has its own camera use a SAR-12/24 relay unit for each monitor and don't link the 2C monitor terminals.

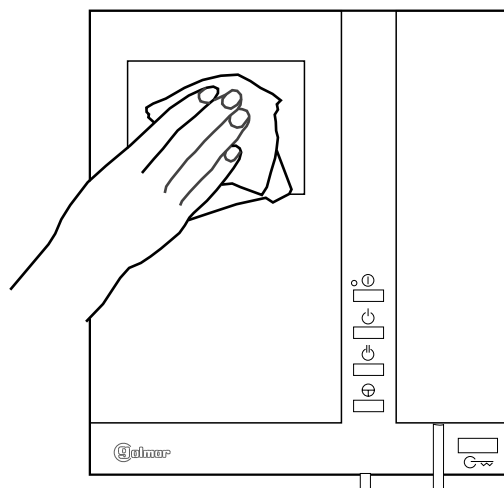
This push button can be used to activate other auxiliary devices, as the A1 terminal is used.

Usual applications are the surveillance of the elevator entrance, reception hall, ...



CLEANING THE MONITOR

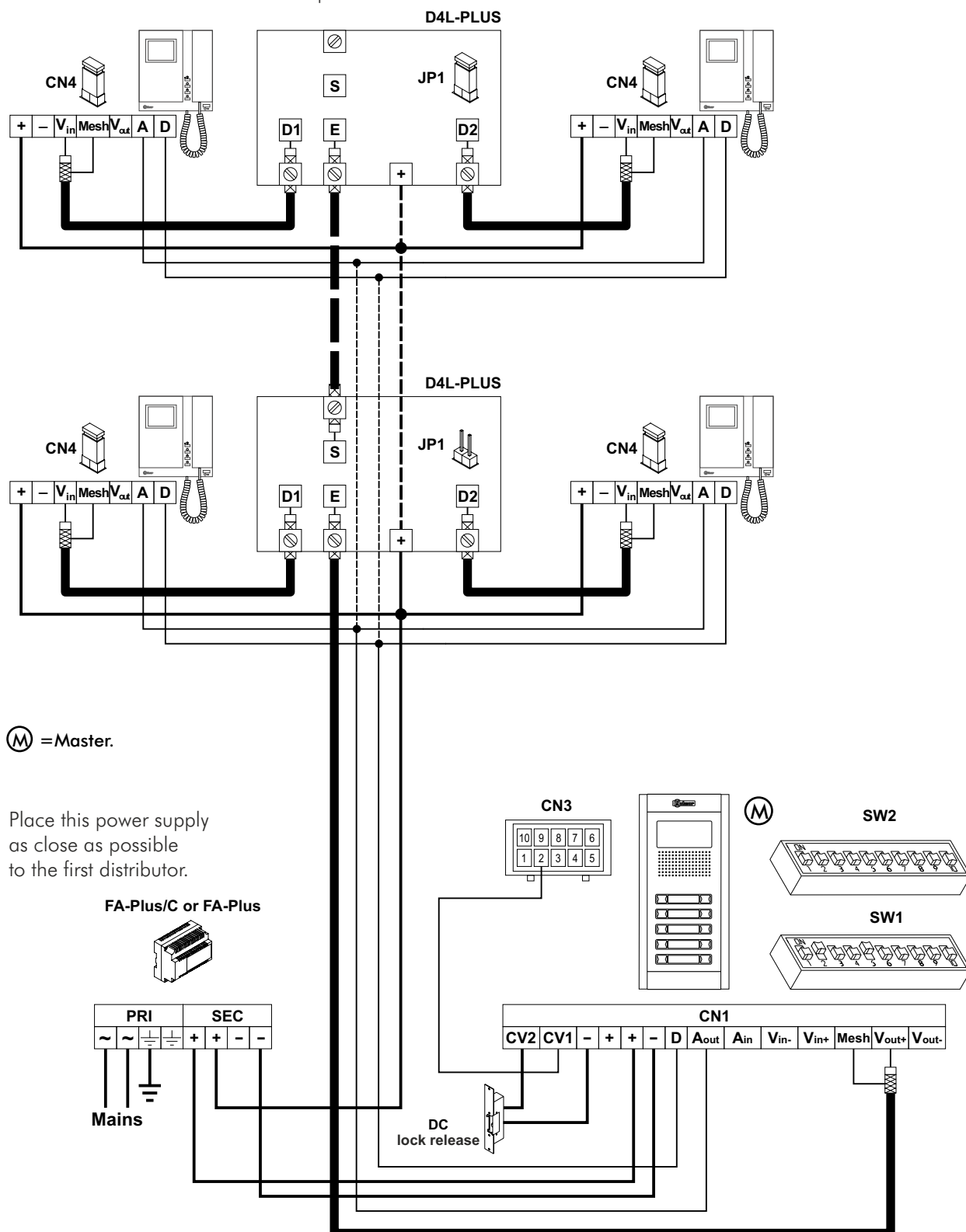
- Do not use solvents, detergents or cleaning products that contain acids, vinegar or abrasive components.
- Use a soft damp cloth (not wet) that sheds no fibres.
- Always wipe the monitor in the same direction, from top to bottom.
- After cleaning the monitor, remove any moisture with a soft dry cloth that sheds no fibres.



WIRING DIAGRAMS

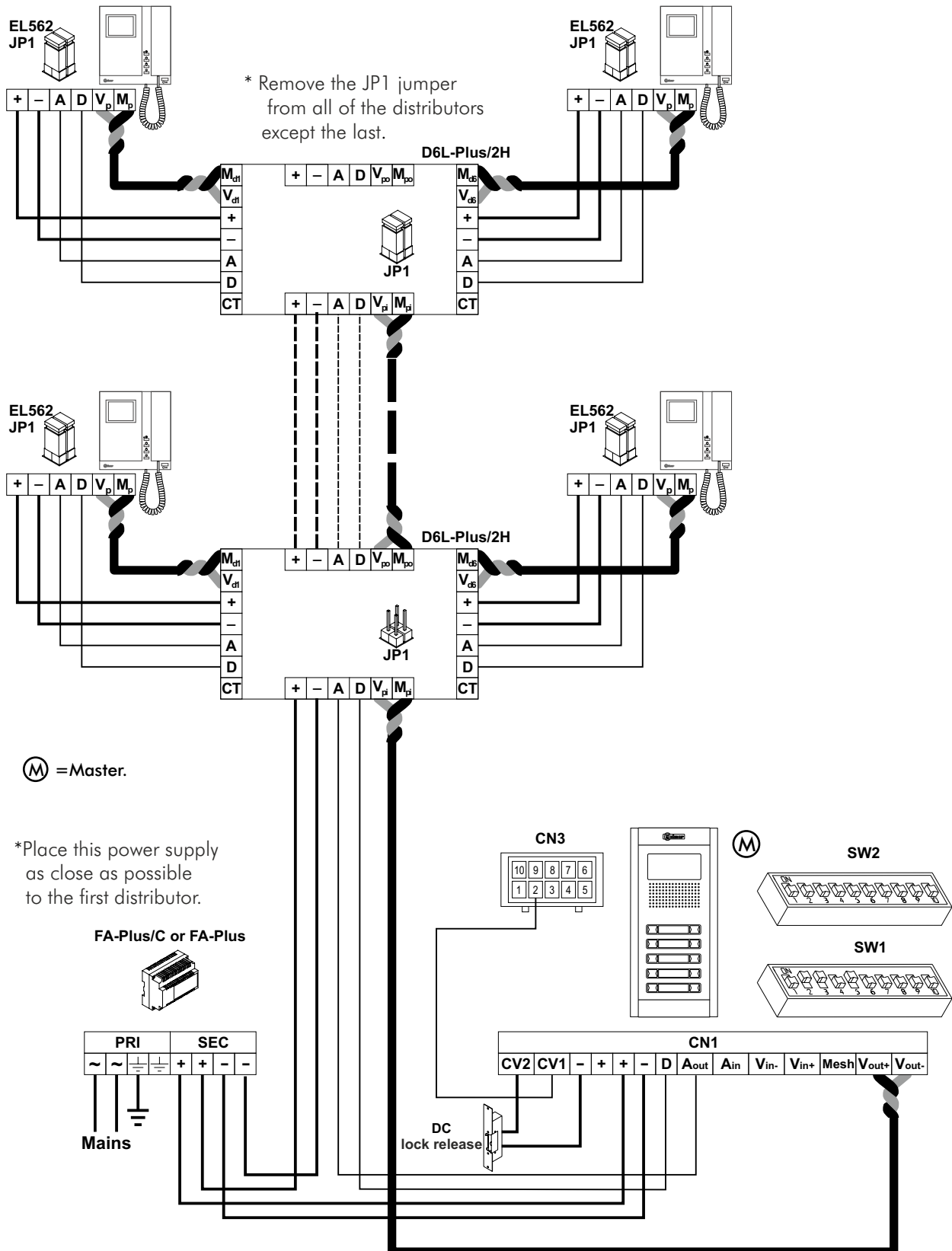
Video door entry system with coaxial cable:

Remove the JP1 jumper
from all of the distributors
except the last.

**Important:**

For further information about the door panel, sections, distances, other wiring diagrams, etc., see the "T632 PLUS P/T ML User Manual".
<https://doc.golmar.es/search/manual/50122328>

WIRING DIAGRAMS

Video door entry system without coaxial cable:**Important:**

For further information about the door panel, sections, distances, other wiring diagrams, etc., see the "T632 PLUS P/T ML User Manual".
<https://doc.gommar.es/search/manual/50122328>



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