

# USER MANUAL



## TEKNA-S GTWIN 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 connector.
- **Always disconnect the power supply** before installing or 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 device to the mains, check the connections between the door panel, power supply, distributors and monitors.
- Always follow the instructions contained in this manual.

## CHARACTERISTICS

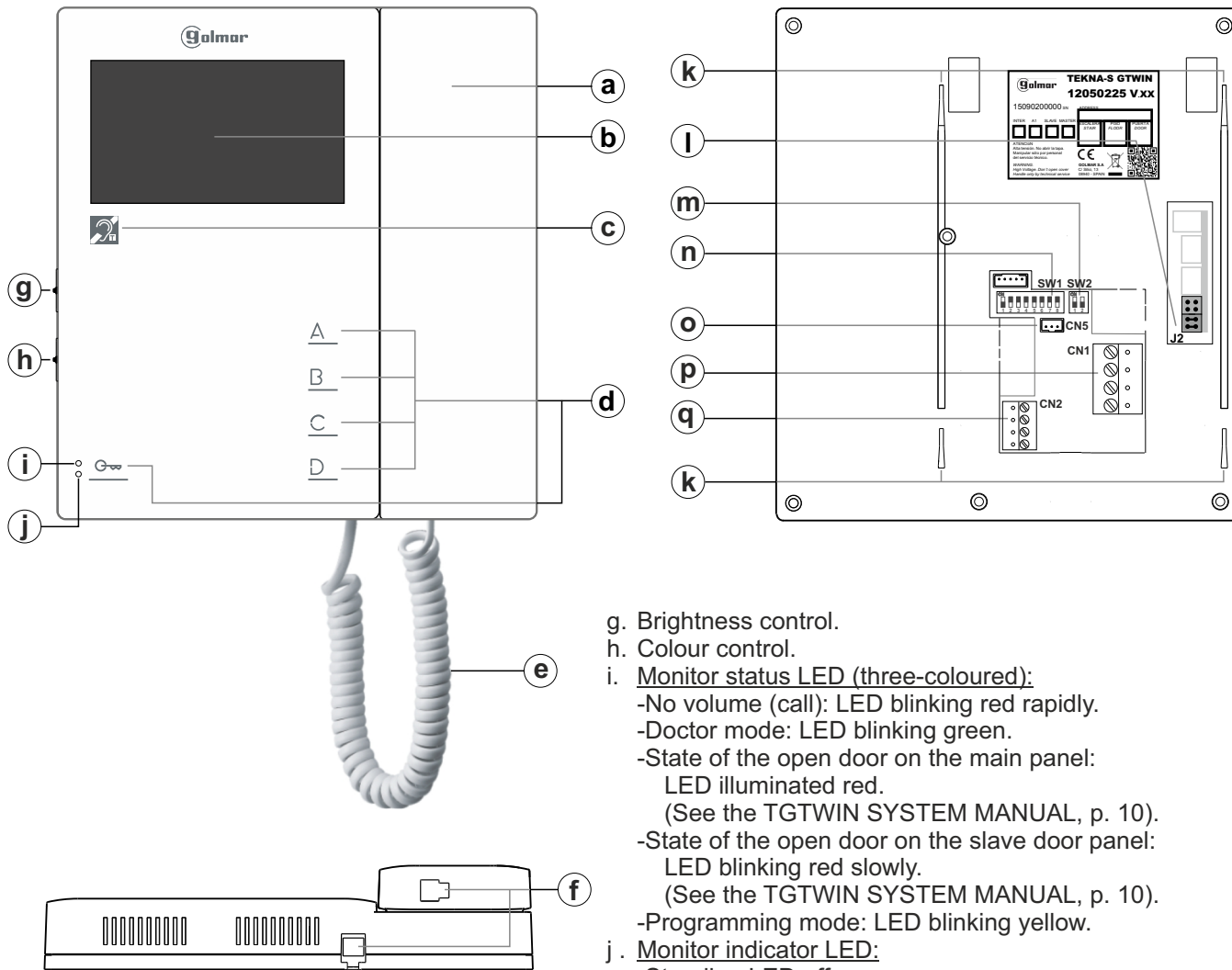
- Monitor for Gtwin installation.
- 4.3" TFT colour screen.
- Monitor with simple installation (non-polarised 2 wire BUS).
- Enables communication with hearing aids equipped with T-mode, making conversation possible (inductive loop).
- Function and programming access buttons (to customise monitor functions).
- Completely private conversation and image.
- Auto-spy function.
- 'Doctor mode' function (automatic door opening, see p. 11).
- Intercom between two devices in the same apartment (programmable).
- Intercom between two devices in different apartments (programmable).
- Input for calls from the apartment front door.
- Call volume control (maximum, minimum and no volume).
- Output to auxiliary call repeater.
- Call to guard unit.
- Different ringtones to identify call origin: Main door panel, slave door panel, guard unit, intercom and interior door of the apartment.
- Control of brightness and colour.
- SW1 switches to set the 'call code (user)' monitor address.
- SW2 switches to set the monitor as master/slave 1, slave 2 or slave 3.
- Button for activating the main door release.
- Button for activating the secondary door release.
- Monitor status LED.
- Indicator LED.

## SYSTEM OPERATION

- To make a call, the visitor needs to press the button for the apartment, an audible tone indicates that the call is being made and LED  on the door panel illuminates. If the vocal synthesis module is installed on the door panel, the message 'calling' will indicate that the call is being made. At this moment, the apartment's monitor(s) 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) will automatically disconnect; if another visitor wishes to call, LED  on the door panel will blink for 3 seconds. If the vocal synthesis module is installed on the door panel, the message 'communicating' will indicate that the channel is busy.
- General panels (main): If the call is being made from the general panel, the interior panel of the building being called and other possible general panels automatically disconnect; if another visitor attempts to call from either a busy interior panel, an audible tone will indicate that the channel is busy and LED  on the door panel will blink for 3 seconds, or from another general panel, an audible tone will indicate that the channel is busy and LED  of the general panel will blink for 3 seconds. The door panels of the other interior buildings will remain free to be used.
- General panels (main): If the call is made from an interior panel, the other interior panels will remain free to be used. It is only possible to make calls to interior buildings from the general panels when their door panels are not in use; if an attempt is made to make a call to a busy interior panel, an audible tone will indicate that the channel is busy and LED  of the general panel will blink for 3 seconds.
- The call lasts for 60 seconds, during which time an image appears on the master monitor of the apartment when the call is received without the visitor knowing, and the indicator LED on the monitor(s) will illuminate (green). To view the image on a slave monitor, press button **C** and the image disappears from the monitor that was displaying it. If the call is not answered within 60 seconds, the indicator status LED on the monitor(s) and LED  on the door panel will turn off and the channel will become free.
- To establish communication, pick up the monitor handset, the indicator LED on the monitor will remain illuminated (green), LED  on the door panel will now illuminate and LED  on the door panel will turn off. Communication with hearing aids : The handset enables communication with hearing aids equipped with T-mode, making conversation possible (inductive loop).
- Guaranteed communication time is 90 seconds (configurable); after 90 seconds of guaranteed communication time, the channel will become free.
- To end communication, hang up the handset, the indicator LED on the monitor and LED  on the door panel will turn off and the channel will become free. If the vocal synthesis module is installed on the door panel, the message 'call finished' will indicate that the call has finished.
- To open the main or secondary door, press the corresponding button  / **B** during the call or communication processes: one press will activate the lock release for 1 second (configurable main door) and, with the opening of the main door, LED  on the door panel will also illuminate for 1 second. If the vocal synthesis module is installed on the door panel, the message 'door open' will be indicated on the door panel (only main door opening).
- A description of the function buttons can be found on p. 5.

## DESCRIPTION OF THE MONITOR

### Description of the Tekna-S Gtwin monitor:



- a. Handset.
- b. 4.3" TFT colour screen.
- c. Communication with hearing aids. Set the hearing aid switch to position T.
- d. Function/programming buttons.
- e. Telephone cord.
- f. Cord connector.

- g. Brightness control.
- h. Colour control.
- i. Monitor status LED (three-coloured):
  - No volume (call): LED blinking red rapidly.
  - Doctor mode: LED blinking green.
  - State of the open door on the main panel: LED illuminated red. (See the TGTWIN SYSTEM MANUAL, p. 10).
  - State of the open door on the slave door panel: LED blinking red slowly. (See the TGTWIN SYSTEM MANUAL, p. 10).
  - Programming mode: LED blinking yellow.
- j. Monitor indicator LED:
  - Standby: LED off.
  - In call, communication or auto spy: LED On green.
- k. Connector fixings.
- l. J2 end of line jumper or EL-566 in-out unit connector.
- m. SW2 configuration switches of the user code.
- n. SW1 configuration switches of the internal code.
- o. CN5 connector (no function).
- p. CN1 connection terminals.
- q. CN2 connection terminals.

### Description of the connection terminals:

#### CN1 connection terminals:

LINE IN	LINE OUT
---------	----------

LINE IN: Communication bus input to monitor (non-polarised).

LINE OUT: Communication bus output to additional monitor/telephone (non-polarised).

#### CN2 connection terminals:

CP	S+	S-
----	----	----


CP : Input for calls from the apartment front door.


S+ : Output (positive) to auxiliary call repeater SAV-GTWIN.

S- : Output (negative) to auxiliary call repeater SAV-GTWIN.

## DESCRIPTION OF THE MONITOR

### Function buttons:

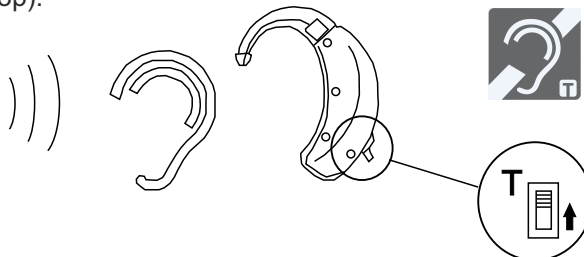
- A** In standby and with the handset off the hook: it activates intercom between 2 devices in the same apartment or in different apartments (this feature must be pre-programmed, see pp. 12-15).
- B** During a call, communication or auto-spy process, it enables the secondary lock release to be activated: one press will activate the lock release for 1 second.
- In standby and with the handset off the hook: it enables a call to be made to the guard unit.
- In standby and with the handset off the hook: it activates the intercom between 2 devices in the same apartment or in different apartments (this feature must be pre-programmed, see pp. 12-15).  
**Note:** Activation of the 'intercom' function disables the 'call to guard unit' function.
- In standby and with the handset on the hook: it enables programming mode to be entered or exited by pressing and holding for 5 seconds, a number of short audible tones will indicate that the monitor is in programming mode and the status LED will blink slowly (yellow) or a number of long audible tones will indicate that the monitor has saved and left programming mode, and the status LED will turn off.
- C** In standby and with the handset on the hook: it enables the image from the door panel configured as main to be viewed (if the channel is busy, a number of short audible tones on the monitor will indicate so); if the handset is then picked up, it enables audio and video communication with the door panel to be established.
- During a call process: it enables the slave monitors (in the same apartment) to capture the image of the door panel, with the image on the monitor that was displaying it disappearing.
- In standby and with the handset off the hook: it activates intercom between 2 devices in the same apartment or in different apartments (this feature must be pre-programmed, see pp. 12-15).
- D** No function.
-  During call reception and communication processes, it enables the main lock release to be activated.

To restore the default parameters of buttons **A**, **B** and **C** of the monitor, after entering programming mode by pressing button **B** for more than 5 seconds, simultaneously press buttons **B** and  for more than 3 seconds; confirmation of the command will be indicated by 2 long audible tones and the monitor's exit from programming mode.



### Communication with hearing aids:



The handset of the Tekna-S Gtwin monitor enables communication with hearing aids equipped with T-mode, making conversation possible (inductive loop).



### Description of the identification label:

		<b>TEKNA-S GTWIN</b>	
		<b>12050225 V.XX</b>	
15090200000 SN		ADDRESS	
INTER	A1	SLAVE	MASTER
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<small>ATENCIÓN</small> Alta tensión. No abrir la tapa. Manipular sólo por personal del servicio técnico.		<small>CE</small> <b>GOLMAR S.A.</b> C/ Silici, 13 08940 - SPAIN	
<small>WARNING.</small> High Voltage. Don't open cover Handle only by technical service			

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: slave monitor.

INTER: monitor with intercom function.

A1: Not used.

CODE: call button code.

STAIRWAY: code of the channel (building).

## MONITOR SETTINGS

### SW1 configuration switch:

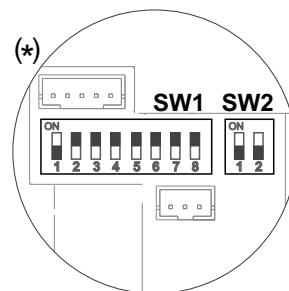
The **SW1** configuration switch is located at the back of the monitor. It enables the monitor to be configured by assigning it a user code address (apartment).

**CODE:** User code.

Set a number from 0 to 126, respecting the following rules:

- In the column/riser, there should not be different apartments with the same user code.
- In the case of monitors/telephones in parallel in the same apartment, these must have the same user code.

To set the desired code, use the CODE DIP switches from 2 to 8 (2 = most significant bit and 8 = least significant bit); DIP switch 1 must be OFF.



### SW1 SWITCH:

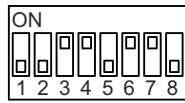
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USER 6	USER 7	USER 8	USER 9	USER 10	USER 11
USER 12	USER 13	USER 14	USER 15	USER 16	USER 17
USER 18	USER 19	USER 20	USER 21	USER 22	USER 23
USER 24	USER 25	USER 26	USER 27	USER 28	USER 29
USER 30	USER 31	USER 32	USER 33	USER 34	USER 35
USER 36	USER 37	USER 38	USER 39	USER 40	USER 41
USER 42	USER 43	USER 44	USER 45	USER 46	USER 47
USER 48	USER 49	USER 50	USER 51	USER 52	USER 53

(\*) Factory setting

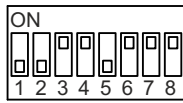
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## MONITOR SETTINGS

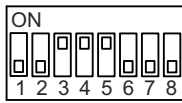
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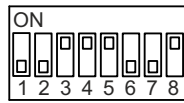
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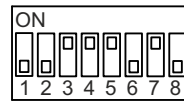
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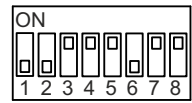
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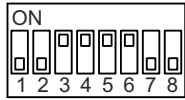
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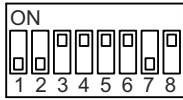
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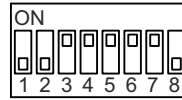
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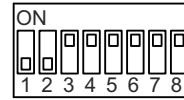
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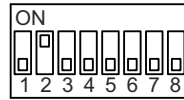
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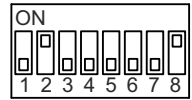
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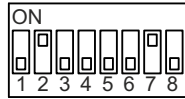
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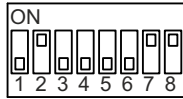
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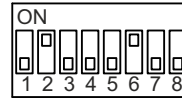
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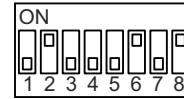
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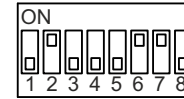
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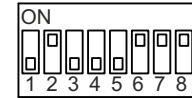
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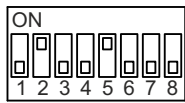
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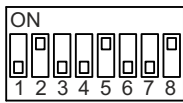
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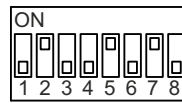
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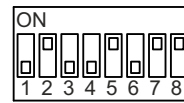
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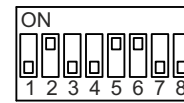
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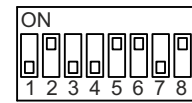
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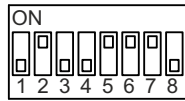
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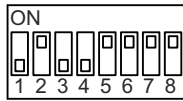
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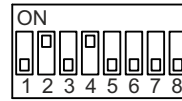
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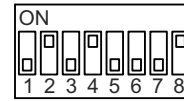
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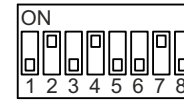
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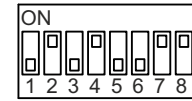
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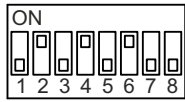
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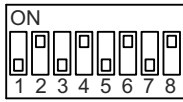
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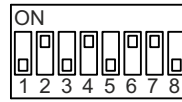
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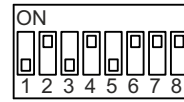
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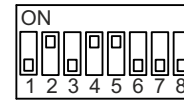
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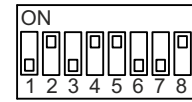
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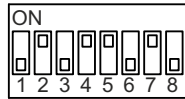
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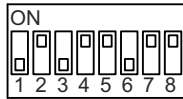
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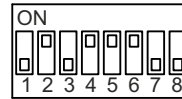
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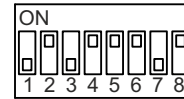
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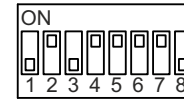
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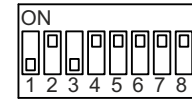
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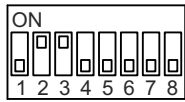
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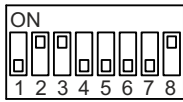
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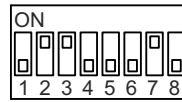
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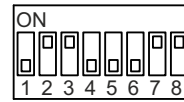
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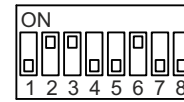
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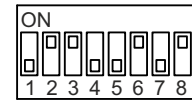
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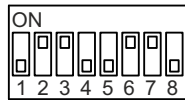
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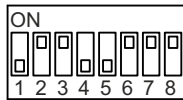
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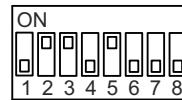
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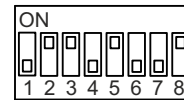
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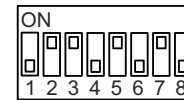
USER 103



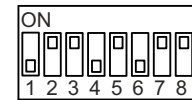
USER 104



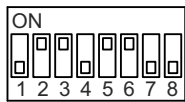
USER 105



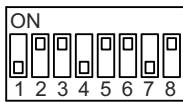
USER 106



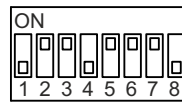
USER 107



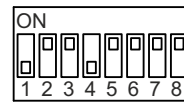
USER 108



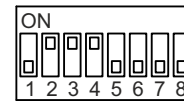
USER 109



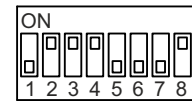
USER 110



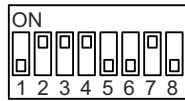
USER 111



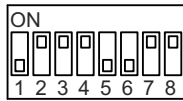
USER 112



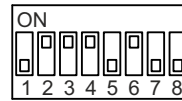
USER 113



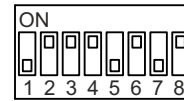
USER 114



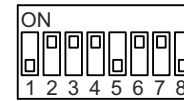
USER 115



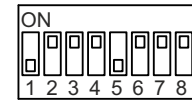
USER 116



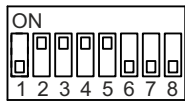
USER 117



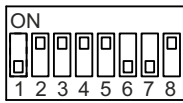
USER 118



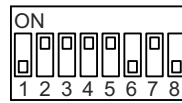
USER 119



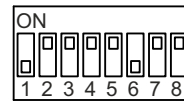
USER 120



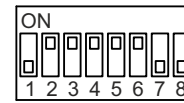
USER 121



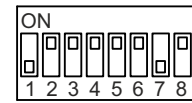
USER 122



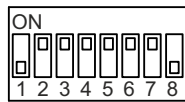
USER 123



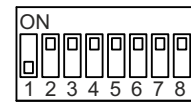
USER 124



USER 125



USER 126



(\*) (1) USER 126

(1) This user code also has code address 126.

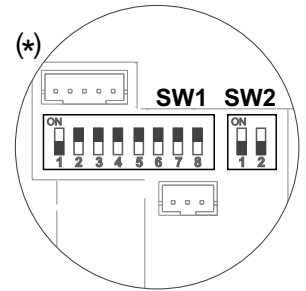
(\*) Factory setting



## MONITOR SETTINGS

### SW2 configuration switch:

The **SW2** configuration switch is located at the back of the monitor. It enables the monitor to be configured as master/slave.

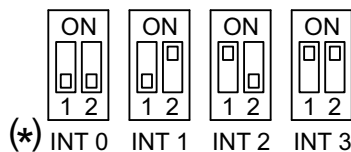


**INT:** Internal code of the monitor/telephone to set as master/slave.

Set the monitor/telephone as master, slave 1, slave 2 or slave 3 using the SW2 DIP switch with a code from 0 to 3 respectively. Taking into account the following points:

- In the case of a single monitor/telephone in the apartment, the code to be set will always be 0.
- In apartments, up to 4 monitors/telephones can be connected in parallel, all with the same user code but with different internal monitor/telephone code.
- The internal code identifies each of the monitors/telephones in the same apartment. This enables intercom calls to be made to a specific monitor/telephone in the same apartment. In the case of intercom calls to different apartments, and in the case of calls coming from door panels and from apartment front doors, all of the monitors/telephones in the apartment always sound. The following considerations must also be borne in mind:
- When master monitor/telephone 0 receives a call, it sounds immediately and slave monitors/telephones 1, 2 and 3 sound in succession, one after the other.
- If a call is made from a video door entry panel, master monitor/telephone 0 shows the image of the door panel. During the call time (60 seconds) and before establishing communication, the other slave monitors in the same apartment can capture the image of the door panel if button **C** is pressed, causing the image on the monitor that was displaying it to disappear.

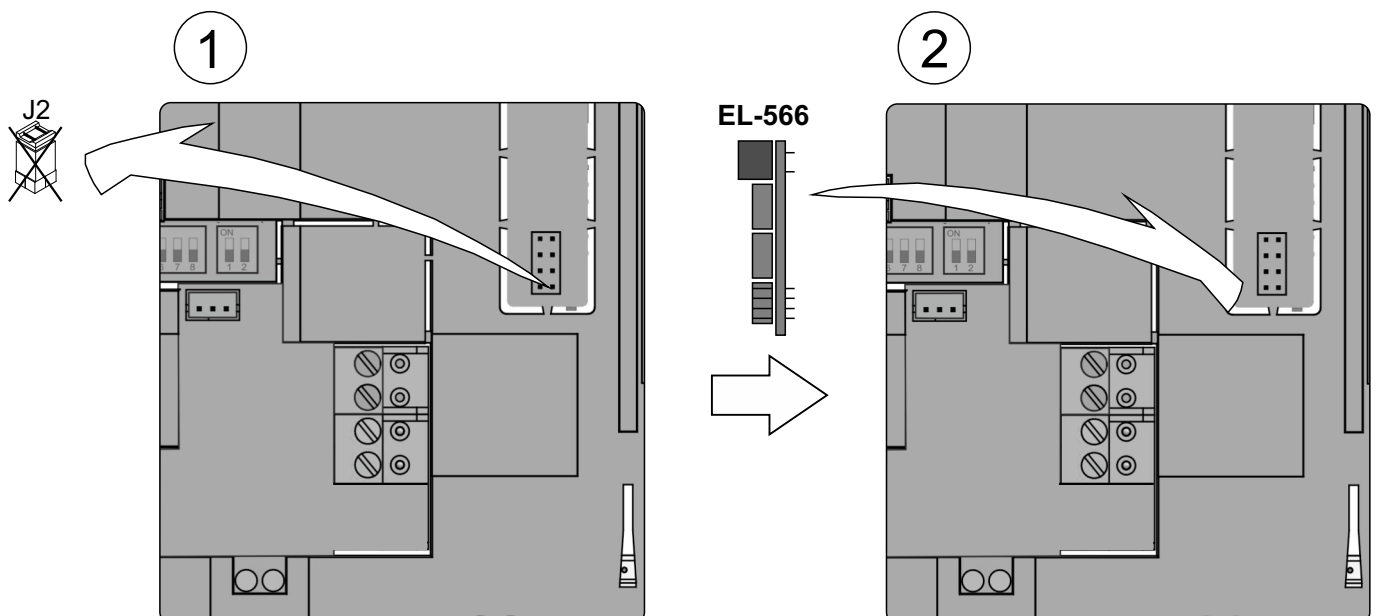
### SW2 SWITCH:



(\*) Factory setting.

### EL-566 IN/OUT UNIT:

The EL-566 In/Out unit must be inserted in all of the intermediate monitors and the J2 end of line jumper must be left inserted in the last monitor.



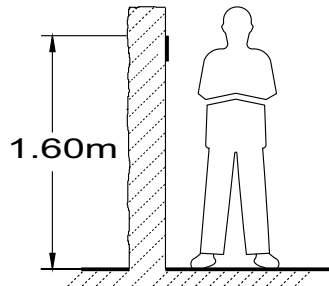


## INSTALLING THE MONITOR IN A WALL MOUNTING CONNECTOR

Avoid dusty or smoky environments or locations near sources of heat.

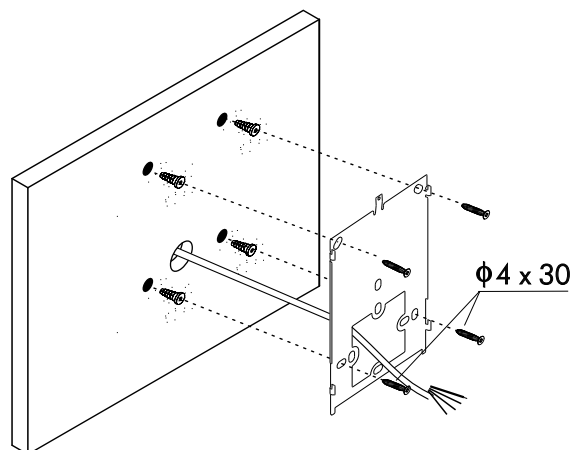
### **Positioning the wall mounting connector:**

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



### **Fixing the monitor's wall mounting connector to the wall:**

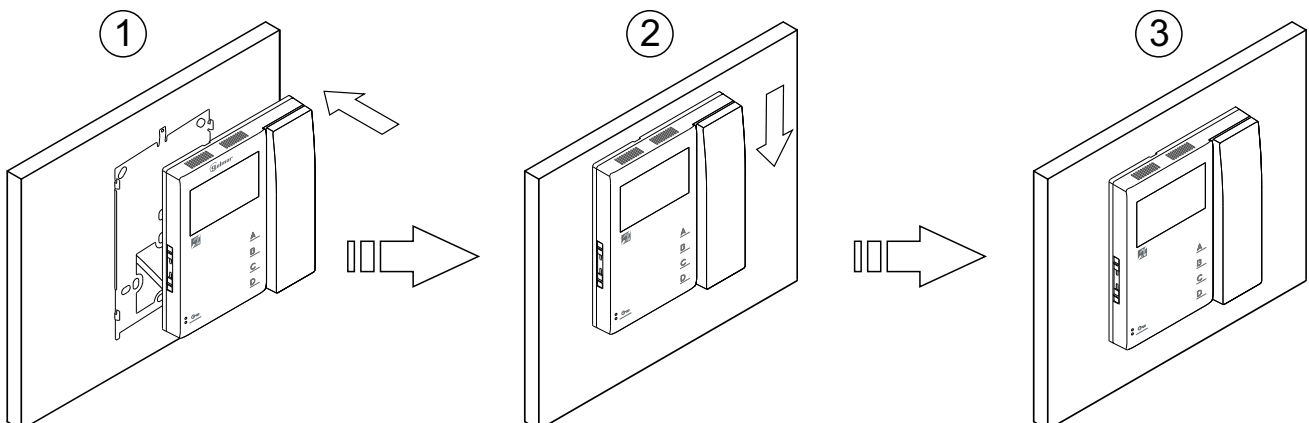
Fix the monitor's wall mounting connector to the wall by drilling two 6mm diameter holes and using the screws and plugs supplied with the terminal.



### **Positioning the monitor:**

Connect the cables to the monitor (see p. 4), position the monitor in front of the wall mounting connector, ensuring that the holes in the base of the monitor line up with those on the connector ①, and then move the monitor downwards ② until the monitor is securely fixed to the connector ③.

**Remember to remove the protective covering from the front of the monitor once installation is complete.**

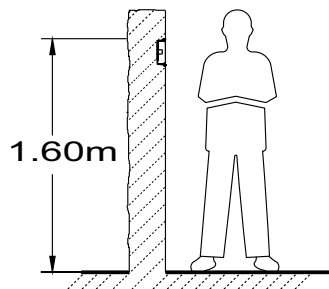


## INSTALLING THE MONITOR IN AN EMBEDDING BOX

Avoid dusty or smoky environments or locations near sources of heat.

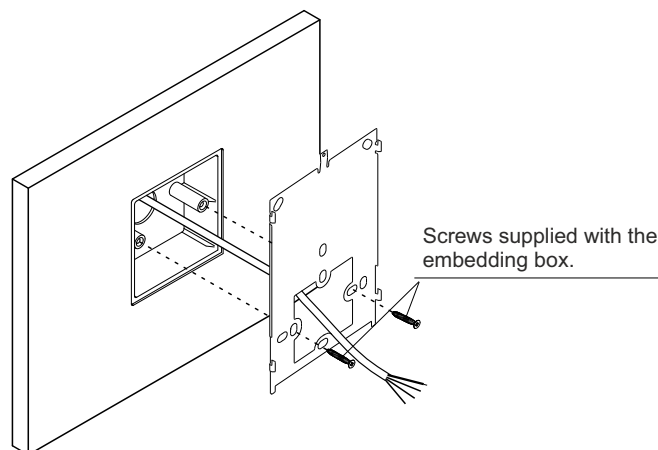
### **Location of the embedding box:**

Make a hole in the wall to position the top of the universal embedding box at a height of 1.60 m from the ground. The minimum distance between the sides of the embedding box and the closest object must be 5 cm.



### **Positioning the embedding box and fitting the wall mounting connector:**

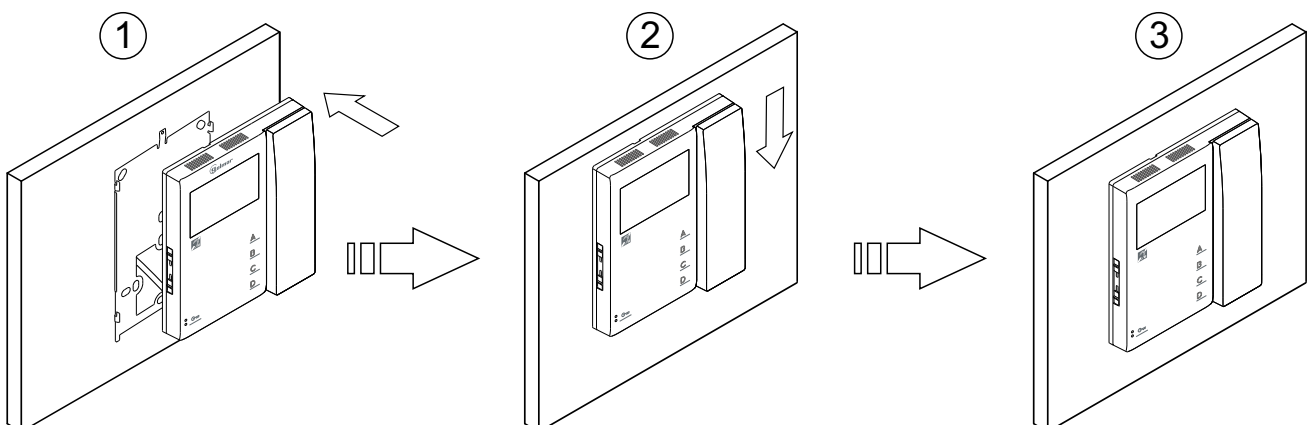
Pass the cable through the hole made in the embedding box. Embed the box and ensure that it is level and flush. Fix the wall mounting connector of the monitor to the embedding box with the screws supplied.



### **Positioning the monitor:**

Connect the cables to the monitor (see p. 4), position the monitor in front of the wall mounting connector, ensuring that the holes in the base of the monitor line up with those on the connector ①, and then move the monitor downwards ② until the monitor is securely fixed to the connector ③.

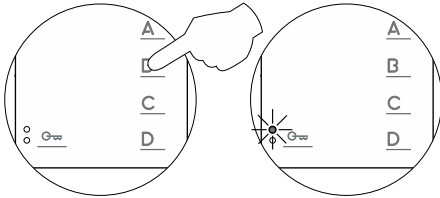
**Remember to remove the protective covering from the front of the monitor once installation is complete.**



## ADVANCED PROGRAMMING (MONITOR FUNCTIONS)

### Advanced programming of the functions of the Tekna-S Gtwin monitor:

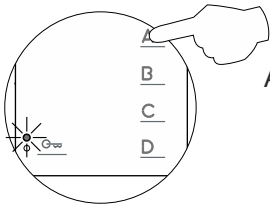
Advanced programming enables the monitor's default settings to be changed:



With the monitor in standby and the handset on the hook:  
Press button **B** for more than 5 seconds to access '**programming mode**,' 3 short audible tones will confirm this and the status LED will blink (yellow) slowly, indicating that button **B** can be released.

Then adjust the settings as required:

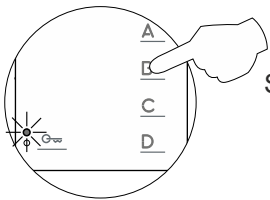
**- Adjusting the call volume:** Maximum volume (default setting).



Adjusting the call volume: Press button **A** until you hear the desired volume. Options: maximum, minimum and no volume (if set to 'no volume,' the monitor's status LED will blink red rapidly when the monitor exits programming mode and is in standby) in 'carousel mode.'

**- Changing the door panel ringtone melody:**

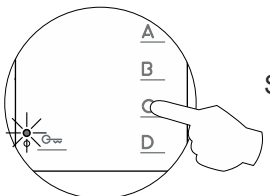
The monitor enables selection of the ringtone (5 different tones).



Select the ringtone melody: Press button **B** until the desired melody is heard 'carousel mode.'

**- Changing the ringtone melody from the apartment front door:**

The monitor enables selection of the ringtone from the apartment front door (5 different tones).

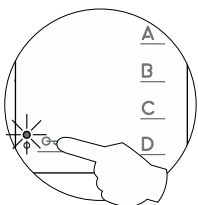


Select the ringtone melody from the apartment front door: Press button **C** until the desired melody is heard 'carousel mode.'

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

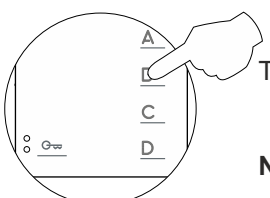
The 'doctor mode' function enables the main lock release to be activated automatically 3 seconds after making a call from the door panel without having to establish communication or press door release button . The call ends after 15 seconds and the channel becomes free.

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



To activate doctor mode: Press button once, an audible tone will indicate that the function is activated; if it is pressed again, an audible tone will indicate that the function will change its status to deactivated and so on. The monitor's status LED will blink (red) rapidly when the monitor exits programming mode and is in standby.

**- Exiting programming mode:**



To exit '**programming mode**,' press button **B** for more than 5 seconds, 1 short and 2 long audible tones will confirm this and the status LED will turn off, indicating that button **B** can be released.

**Note:** Depending on the function modified, the monitor's status LED will indicate this (see p. 4).

## OPTIONAL PROGRAMMING (ADDITIONAL MONITOR FUNCTIONS)

### Intercom function of the Tekna-S Gtwin monitor:

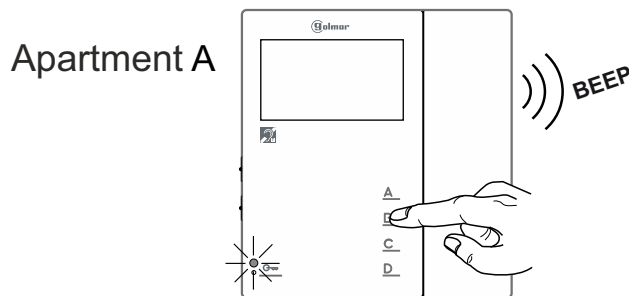
In the Gtwin system, a monitor/telephone button can be programmed to call another apartment in the same Building (channel) or to call another monitor/telephone in the same apartment. In the first case, all of the monitors/telephones of the apartment called sound; in the second case, only the monitor/telephone in the same apartment specified in the programming sounds.

### Intercom function between different apartments:

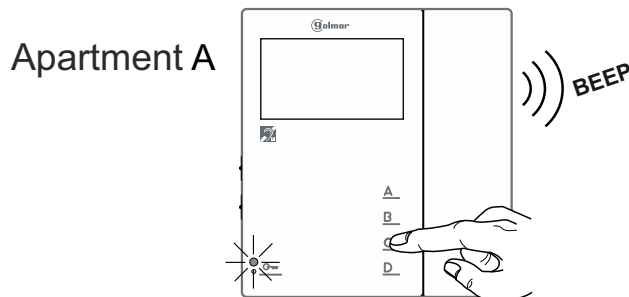
To programme a monitor/telephone in one apartment (apartment A) to call another apartment (apartment B):

#### **Without picking up the handset.**

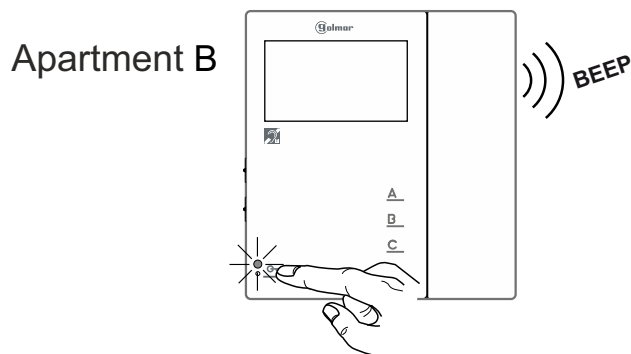
1. Press and hold button B for more than 5 seconds: It emits 3 short tones and the slow blinking of the status LED (yellow) confirms entry into programming mode. In all cases, after 10 minutes elapse, the device exits programming mode and the modified parameters are saved.



2. Press button A, B or C to be programmed for at least 3 seconds until the confirmation tone sounds.



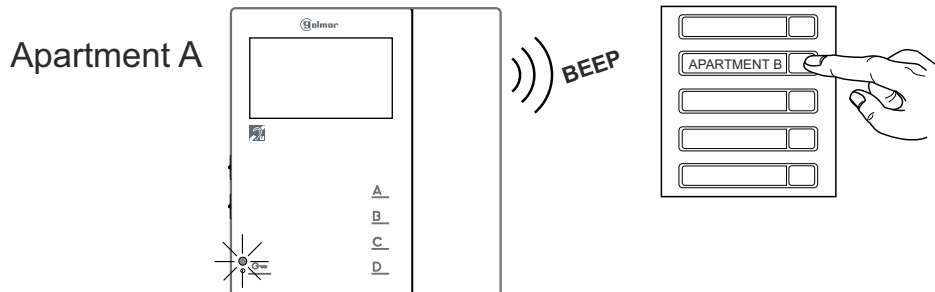
3. Go to the monitor/telephone of apartment B that has to call the button to be programmed in Step 2 and press the door release button. The monitors/telephones emit a completed programming beep.



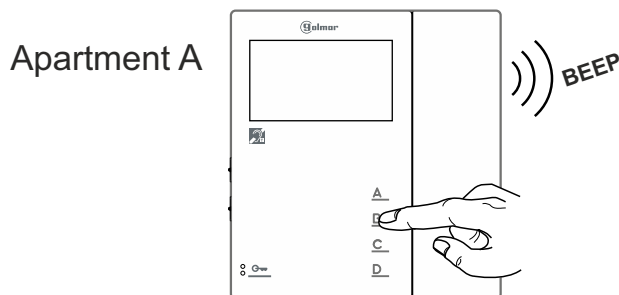
## OPTIONAL PROGRAMMING (ADDITIONAL MONITOR FUNCTIONS)

Continued from previous page.

4. Or go to a door panel and press the call button of apartment B; the monitor/telephone in programming (apartment A) emits a completed programming beep. While this operation is being carried out, the monitors/telephones in apartment B sound. Ignore this call.



5. To exit programming mode, press and hold the button **B** for more than 5 seconds, 2 long tones are emitted and the status LED will turn off confirming exit.



6. Check the programmed function: lift the handset of the monitor/telephone (apartment A) and press the programmed button. In apartment B, a ringtone on all monitors/telephones in the apartment will be heard, pick up the handset of one of the monitors/telephones called and check communication.
7. If you also wish to programme the reverse call, it is necessary to programme the monitor/telephone in apartment B for the call to the monitors/telephones in apartment A.

### Note:

- If button **B** is programmed for this function, activation of the 'intercom' function disables the 'call to guard unit' function.
- If buttons **A** and **C** are programmed for this function, the other functions are maintained.

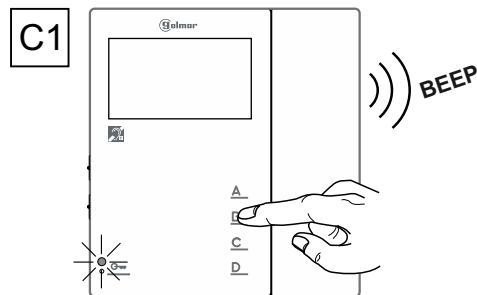
## OPTIONAL PROGRAMMING (ADDITIONAL MONITOR FUNCTIONS)

### Intercom function in the same apartment:

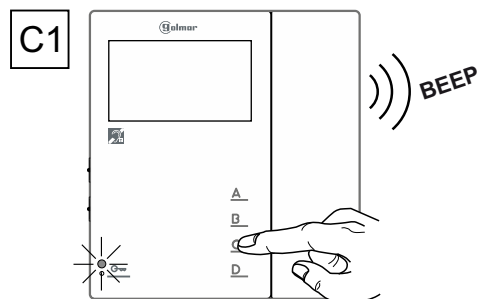
To programme a monitor/telephone (internal device C1) to call another monitor/telephone (device C2) in the same apartment:

#### **Without picking up the handset.**

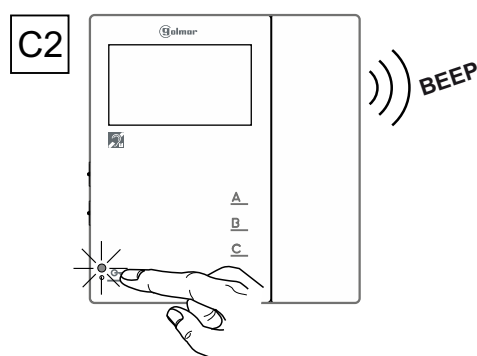
1. Press and hold button B for more than 5 seconds: It emits 3 short tones and the slow blinking of the status LED (yellow) confirms entry into programming mode. In all cases, after 10 minutes elapse, the device exits programming mode and the modified parameters are saved.



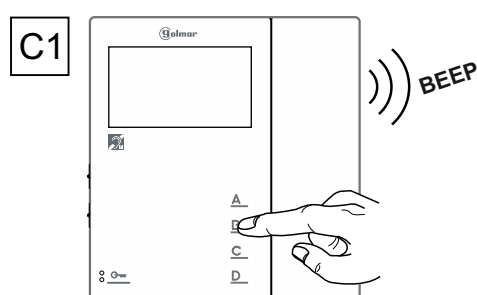
2. Press button A, B or C to be programmed for at least 3 seconds until the confirmation tone sounds.



3. Go to the monitor/telephone (device C2) that has to call the button to be programmed in Step 2 and press the door release button. The monitors/telephones (device C1 and C2) emit a completed programming beep.



4. To exit programming mode, press and hold the button B for more than 5 seconds, 2 long tones are emitted and the status LED will turn off confirming exit from programming mode.



Continued overleaf

## OPTIONAL PROGRAMMING (ADDITIONAL MONITOR FUNCTIONS)

Continued from previous page.

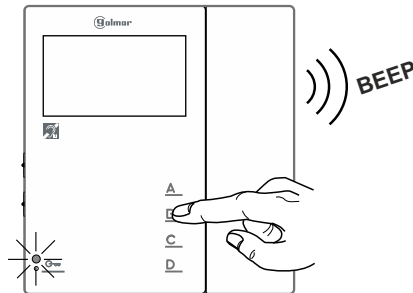
- Check the programmed function: lift the handset of the monitor/telephone (device C1) and press the programmed button. On the monitor/telephone (device C2), a ringtone will be heard, pick up the handset and check communication.
- If you also wish to programme the reverse call, it is necessary to programme the monitor/telephone (device C2) for the call to the monitor/telephone (device C1) in the same apartment.

**Note:**

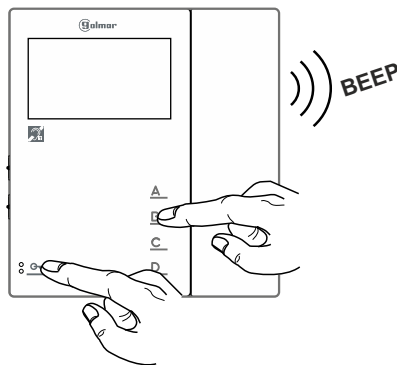
- If button **B** is programmed for this function, activation of the *'intercom'* function disables the *'call to guard unit'* function.
- If buttons **A** and **C** are programmed for this function, the other functions are maintained.

### **Cancellation of the intercom call codes of the monitors/telephones:**

- Press and hold button **B** for more than 5 seconds: It emits 3 short tones and the slow blinking of the status LED (yellow) confirms entry into programming mode. In all cases, after 10 minutes elapse, the device exits programming mode and the modified parameters are saved.



- Press buttons **B** and **G** simultaneously for more than 3 seconds, the command is confirmed by 2 long tones and exit from programming mode.





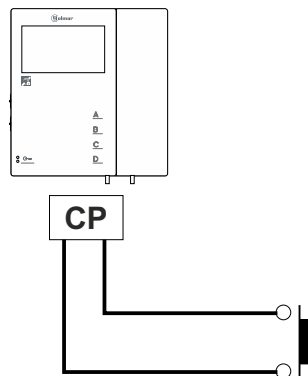
OPTIONAL CONNECTIONS

**Button for receiving calls from the apartment front door:**

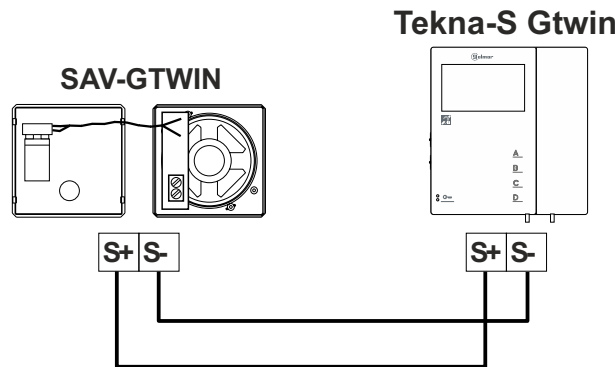
The Tekna-S Gtwin monitor features as standard the ability to receive calls from the apartment front door. This feature precludes the need to use the bell by positioning a button between the 'CP' terminals of the monitor. The ringtones vary depending on where the call is being made from, enabling the user to identify its origin. If a call is made from the apartment front door during a conversation with the door panel, the monitor will emit a number of tones to indicate so.

**Note:** The volume of the 'apartment front door call' ringtone will depend on the volume set for the ringtones on the monitor (see p. 11).

**Tekna-S Gtwin**



**Additional call repeater (SAV-GTWIN tritonal call repeater required):**



Configuration of the SAV-GTWIN tritonal call repeater:

Place a 9 V battery (type MN1604/6LR61) inside the call repeater. The call repeater features 3 configuration jumpers marked as W1m W2 and W3 for selecting the type of sound (triple tone, double tone or single tone), as shown in the following table:

	TYPE OF SOUND	JUMPER			
		W1	W2	W3	
(*)	TRIPLE TONE	X	X	X	all jumpers fitted
	DOUBLE TONE	X		X	only the W2 jumper is removed
	SINGLE TONE		X	X	only the W1 jumper is removed

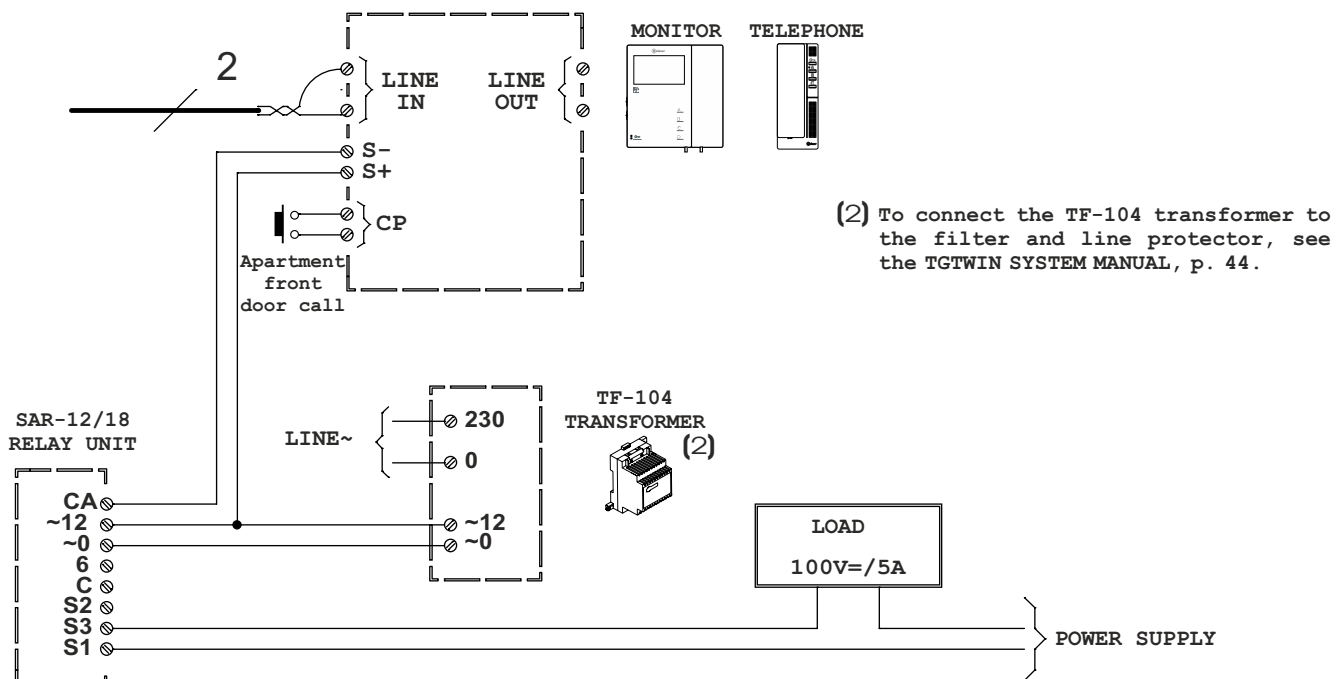
(\*) Factory setting.

Continued overleaf

## OPTIONAL CONNECTIONS

Continued from previous page.

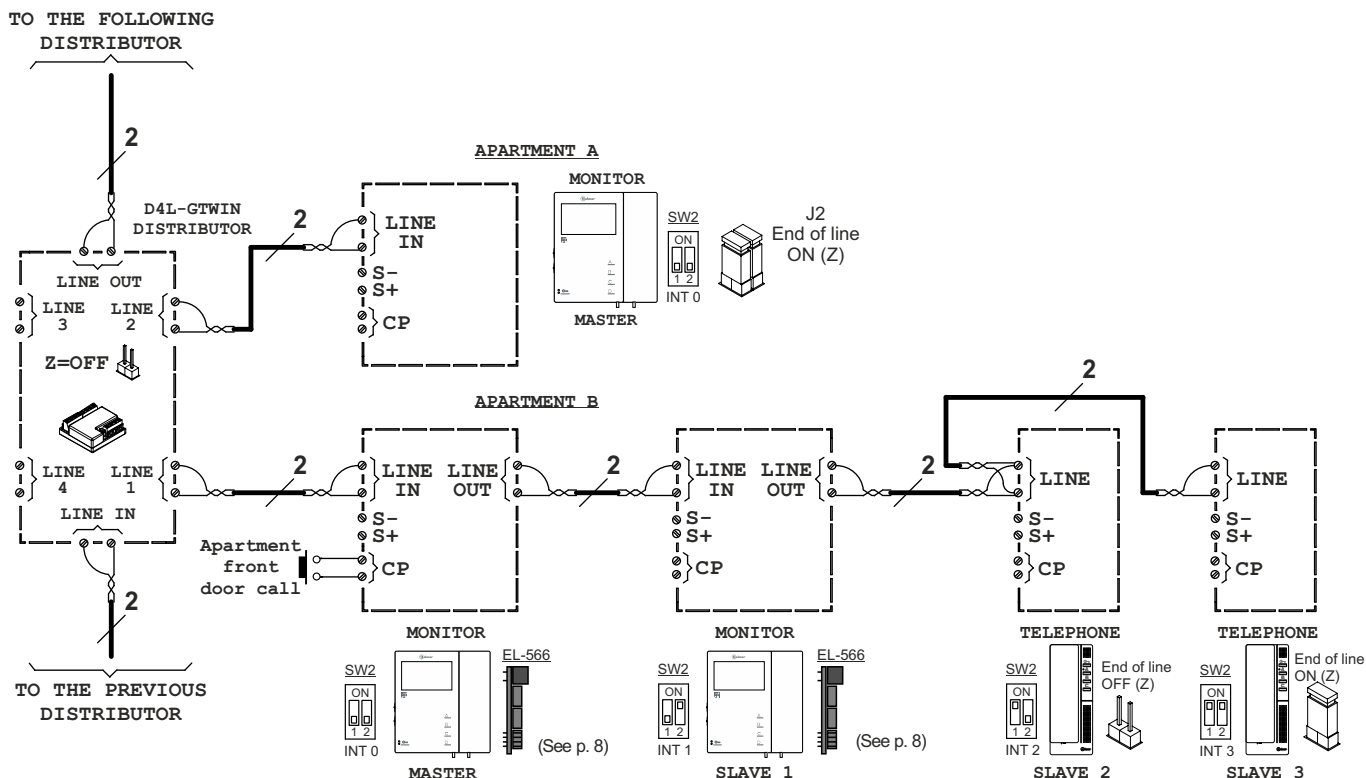
**Additional call repeater with SAR-12/18 relay unit in monitor/telephone.**



**Monitors/telephones in parallel (input/output) from a bypass of the D4L-Gtwin distributor:**  
**Max. connection 4 monitors/telephones in one apartment.**

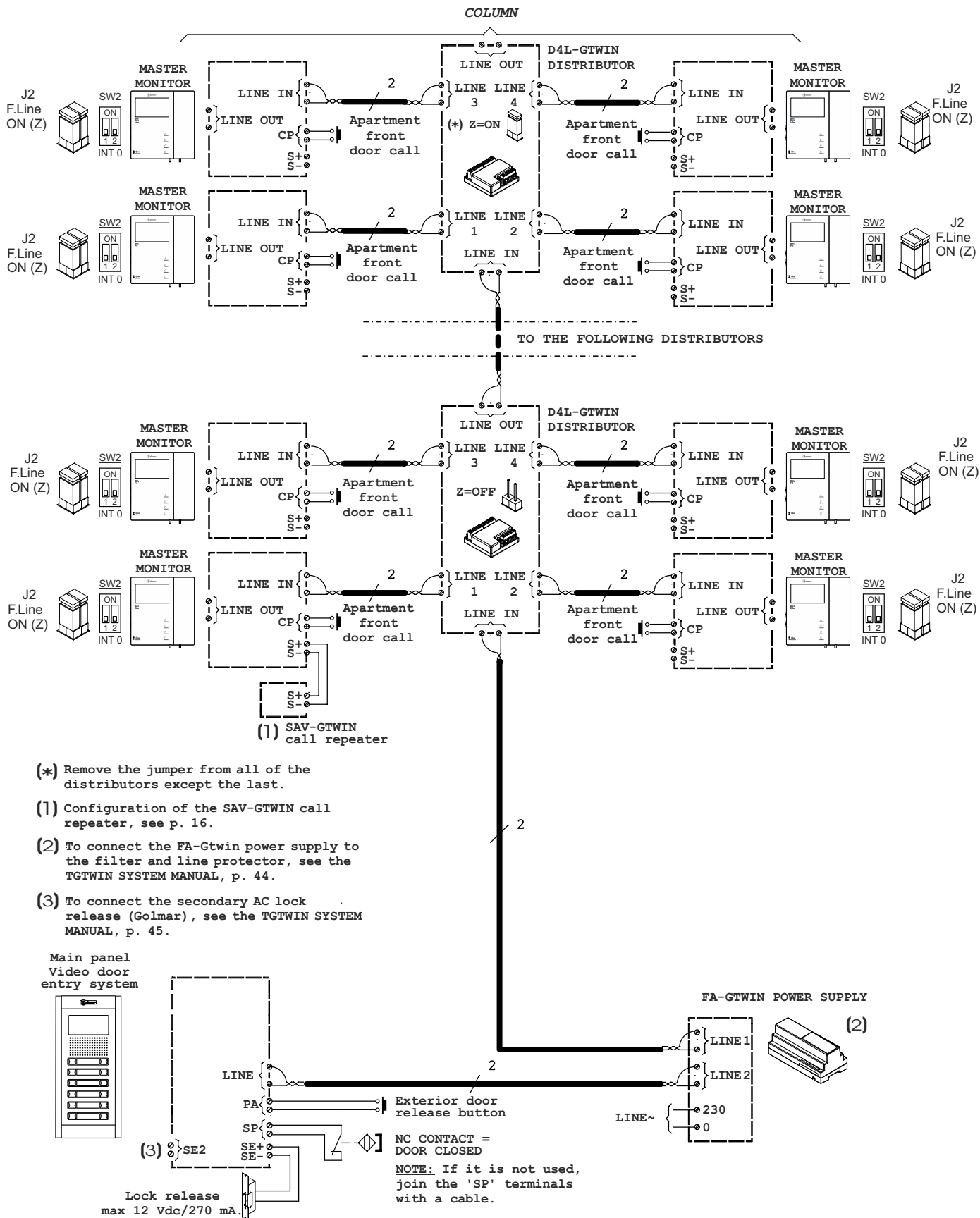
Tekna-S Gtwin monitor: The EL566 in/out unit must be inserted in all of the intermediate monitors and leave the end of line (Z) inserted in the last monitor (see p. 8).

**Note:** All devices must have the same apartment call code. The internal code of the Master device must be equal to 0.



## WIRING DIAGRAMS

**One building with 1 column of up to 127 monitors and 1 main video panel (buttons).**



**Remember:** Button panel up to 122 apartments.

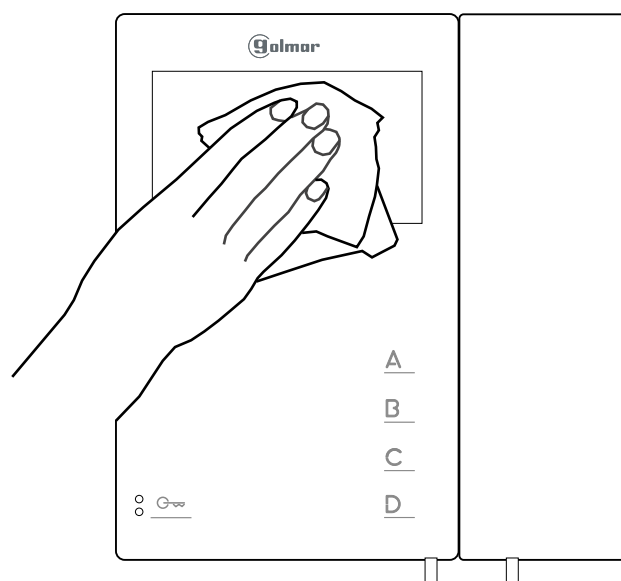
**Important:**

For further information about the door panel, sections, distances, wiring diagrams, etc., see the TGTWIN SYSTEM MANUAL.  
<https://doc.golmar.es/search/manual/5012234>

## CLEANING THE MONITOR

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- Do not use solvents, detergents or cleaning products that contain acids, vinegar or abrasive components.
- Use a soft damp lint-free cloth with water.
- Always wipe the monitor in the same direction, from top to bottom.
- After cleaning the monitor, remove any moisture with a soft dry lint-free cloth.



## COMPLIANCE

Este producto es conforme con las disposiciones de las Directivas Europeas aplicables respecto a la Seguridad eléctrica **2014/35/CEE** y la Compatibilidad Electromagnética **2014/30/CEE**.

*This product meets the essentials requirements of applicable European Directives regarding Electrical Safety **2014/35/ECC**, Electromagnetic Compatibility **2014/30/ECC**.*



**NOTA:** El funcionamiento de este equipo está sujeto a las siguientes condiciones:

(1) Este dispositivo no puede provocar interferencias dañinas, y (2) debe aceptar cualquier interferencia recibida, incluyendo las que pueden provocar un funcionamiento no deseado.

**NOTE:** Operation is subject to the following conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any received interference, including the ones that may cause undesired operation.



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Golmar reserves the right to make any modifications without prior notice.