GTWIN

TECHNOLOGY

golmar

ART 5W/GTWIN MONITOR
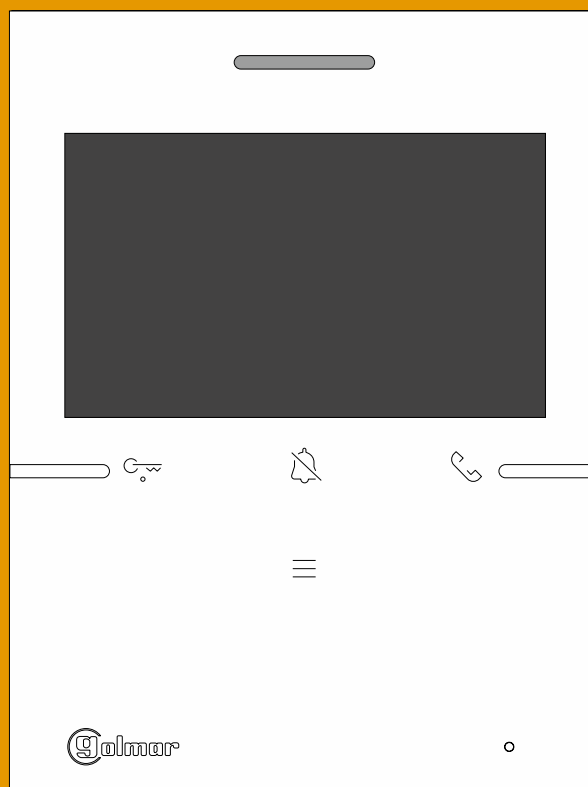
USER MANUAL

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.

CONTENTS

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.
- 5" TFT colour screen.
- Wi-Fi transmission monitor to call transfer to mobile smartphone. **Only the master monitor can activate Wi-Fi transmission.** (power supply unit 1723/22 required for apartment if there are more than 24 monitors with WiFi always active in the building, see 32 to 35 pages).
- Monitor with simple installation (non-polarised 2 wire BUS).
- Function and programming access buttons (customise monitor functions).
- Completely private conversation and image.
- Auto-spy function.
- 'Doctor mode' function (automatic door opening
- "Do not disturb" mode function.
- Intercom between two devices in the same apartment (programmable).
- Intercom between two devices in different apartments (programmable).
- "HZ" input for calls from apartment front door.
- Call volume control (maximum, medium and minimum.)
- Output to auxiliary call repeater.
- Different ringtones to identify call origin: Main door panel, slave door panel, intercom and interior door of the apartment.
- Adjustments on screen display: brightness, contrast, colour and communication volume.
- Allow communication in 'Push-to-talk' mode or ermite modo de funcionamiento "pulsar para hablar" o "manos libres".
- SW1 configuration switch **CODE**: Dip2 to Dip8 to set the monitor address "call (user) code".
- SW2 configuration switch **INT**: to set the monitor as master / slave 1, slave 2 or slave 3.
- JP3 jumper(end of line).
- Push Button for activating the main door release and push button for activating the secondary door release.
- Notification leds.

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. 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 ✋ of 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 apartment's master monitor after the call is received without the visitor knowing, and the indicator LED and status LED 📞 of the master and slave monitor(s) will illuminate (green). To view the image on a slave monitor, press button 📷 and the image disappears from the monitor that was displaying it. If the call is not answered within 60 seconds, the indicator LED and status LED 📞 of the master and slave monitor(s) will turn off. LED 🔔 on the door panel will turn off and the channel will become free.
- To establish communication, press button 📞 of the monitor, status LED 📞 will blink (green), LED 🔔 of the door panel will then illuminate and LED 🔔 of the door panel will turn off.
- Guaranteed communication time is 90 seconds (configurable); after 90 seconds of guaranteed communication time,the channel will become free.
- To end communication, press button 📞 , and the monitor's indicator LED and status LED 📞 and door panel LED 🔔 will turn off and the channel will become free.
- To open the main or secondary door, press the corresponding button 🔑/🔑 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 🚪 will also illuminate for 1 second.
- A description of the function buttons can be found on p. 5.

MONITOR DESCRIPTION

Description of the ART 5W/Gtwin monitor:

Hands-free monitorfor the GTWIN system with button and coded panels.
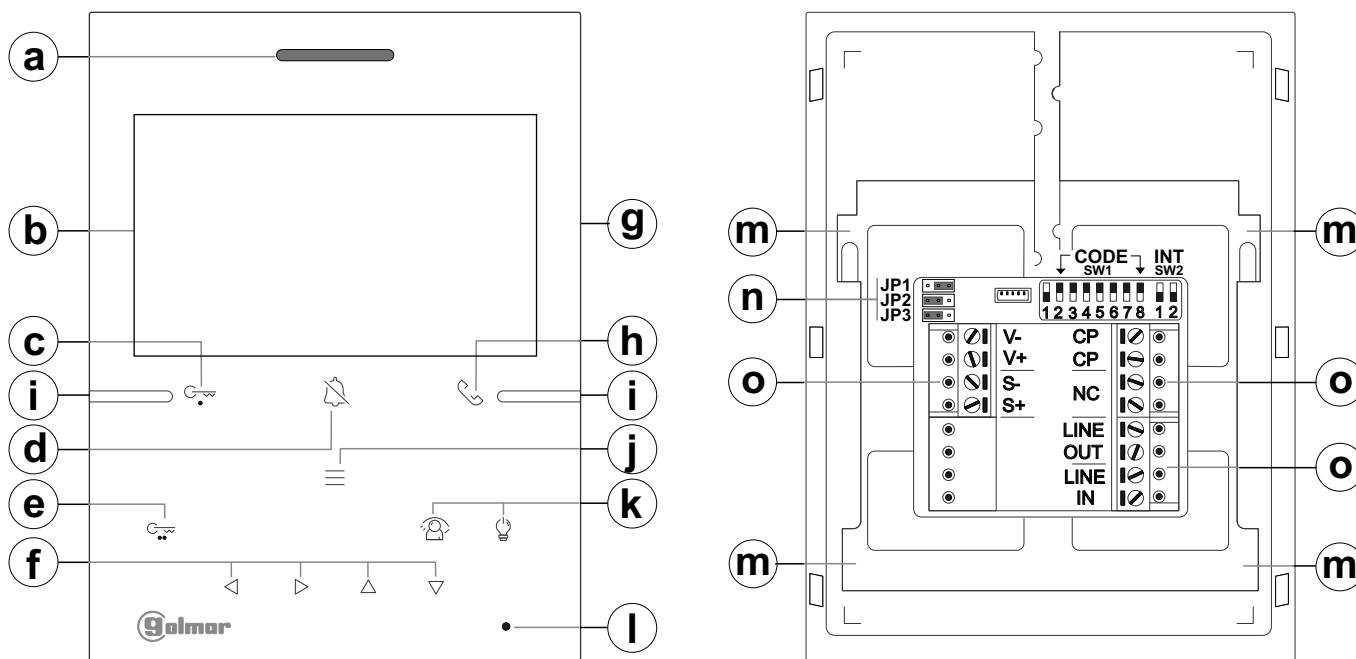
a. Speaker.

b. 5" TFT colour screen.

c. During call reception and communication proccesses, it enables the main lock release to be activated.

d. With the monitor in standby mode: one short press it activates/ desactivates the "do not disturb" mode and the indicator led will illuminate (red). One press by 3 seconds it activates / desactivates the "do not disturb" mode during 8 hours and the indicator led will blink (red).

e. During a call, communication or auto-spy process: it enables the secondary door release to be activated: one press will activate the door release for 1 second.

f. Scroll push buttons for configuration menu.

g. Up to 32 video calls stored in monitor memory. Allows to copy these video calls to a micro SD slot (not included). Type: Micro SD Class 10 from 4GB to 128 GB.

h. Start/ stop communication push button. With monitor in standby, it allows the intercom.

i. Raised marks for the visually impaired users, orients the "door opening" button and the "start / end communication" button.

j. Access to configuration and function menu: With monitor in standby 2 short press to access to configuration menu or 1 press to access the function push buttons.

k. Function push buttons.

l. Microphone.

m. Connector fixings.

n. Configuration jumpers.

o. Connection terminals.

Description of the connection terminals

LINE IN	LINE OUT	NC	CP

LINE IN: Communication bus input monitor (non-polarised).
LINE OUT: Communication bus output to additional monitor/ telephone (non-polarised).
NC: Do no connect, without use.
CP: Door bell button input.

S+	S-	V+	V−

S+/S-: Output (open normally contact "N.O") to auxiliary call repeater SAV-GTWIN.
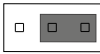**V+:** Input (positive) external power supply "1723/22".
V-: Input (negative) external power supply "1723/22".

MONITOR DESCRIPTION

Description of the configuration jumpers:

(∗)

JP1
JP2
JP3

V-
V

(∗) JP1

Monitor with JP1 jumper place to right, takes the current from system power supply **(factory default)**.
Monitor with JP1 jumper place to left, takes the current from dedicated power supply "1723/22".

(∗) JP2

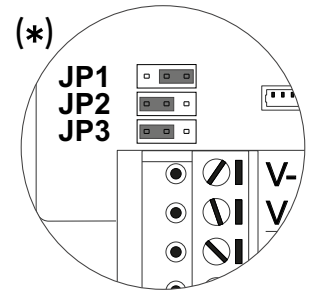Monitor with JP2 jumper place to left, low power **(factory default)**.
Monitor with JP2 jumper place to right (High power) with use of dedicated power supply "1723/22".

(∗) JP3

Monitor with JP3 jumper place to left, has the end of line connected **(factory default)**.
Monitor with JP3 jumper place to right, has the end of line disconnected.

(∗)**Factory default.**

Function push buttons:

🔕   <u>Monitor in standby mode:</u> one short press it activates/ desactivates the "do not disturb" mode and the indicator led will illuminate (red). One press by 3 seconds it activates / desactivates the "do not disturb" mode during 8 hours and the indicator led will blink (red).

👁   <u>Monitor in standby mode:</u> allows you to display the image from the main door panel, press the button ≡ once, then press the button 👁 (if the channel is busy, short acoustic tones on the monitor will indicate it), if the button 👁 is pressed again, the image of the secondary door panel will be displayed, in carousel mode. Then, if you press the button 📞 , you can establish audio and video communication with the selected door panel.
    <u>During a call process:</u> it allows the secondary monitors (in the same apartment) to capture the door panel image, with the image of the monitor that was displaying it disappearing.

📞   <u>Monitor in standby mode:</u> it allows the intercom between 2 monitors of the same or different apartment (this function must be programmed previously, (see pages 15-16)). Press the button 📞, then press the button ≡ and select the apartment or a monitor in your apartment to be called with the help of the push buttons ▽ / △ & confirm with the push button 📞 .

🔓   During call reception and communication or auto-spy processes, it enables the main lock release to be activated.

🔓   During call reception and communication or auto-spy processes, it enables the secondary lock release to be activated, one press will activate the door release for 1 second.

≡   Access to the configuration menu and function buttons: when the monitor is in standby mode 2 presses accesses the configuration menu or 1 press accesses function buttons.

MONITOR DESCRIPTION

***Establishing communication in 'Push-to-talk' mode by pressing button*** 📞 :

To select this operating mode, see page 13 to activate the "Push to talk" mode.

When receiving a call, press buton 📞 to stablish communication, the notification icon of the monitor will blink (green colour); if button 📞 is pressed and held down the audio channel to the panel is activated and you can talk to the caller. To listen on the monitor, release button 📞.
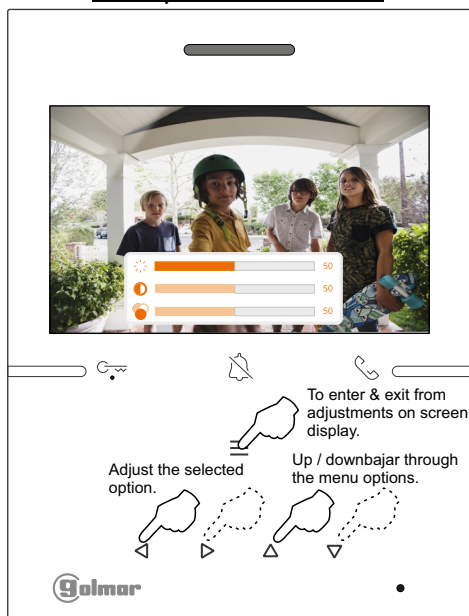
To end the conversation, press button 📞.
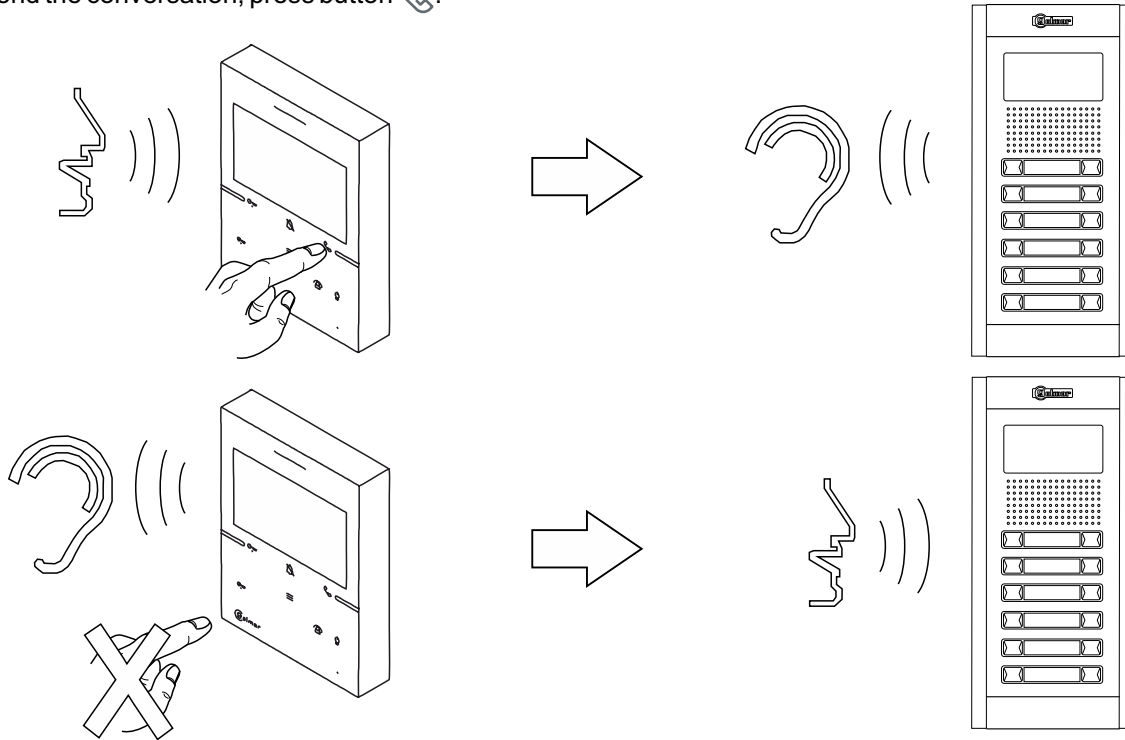
Adjustments on screen display:

With the monitor in auto switch-on, call or communication: allows to enter/exit the **"adjustments on screen display"** (brightness, contrast, colour and communication volume). A short press on the button ≡ to enter/ exit the "adjustments on screen display", an OSD menu will appear showing the brightness, contrast, colour and communication volume options, this last option only with the monitor in communication with the door panel. Press the ▽/△ buttons to scroll down or up respectively through the menu options and press the ◁ /▷ buttons to make adjustments.

Door panel call screen

Door panel communication screen

To enter & exit from adjustments on screen display.

Adjust the selected option.

Up / downbajar through the menu options.
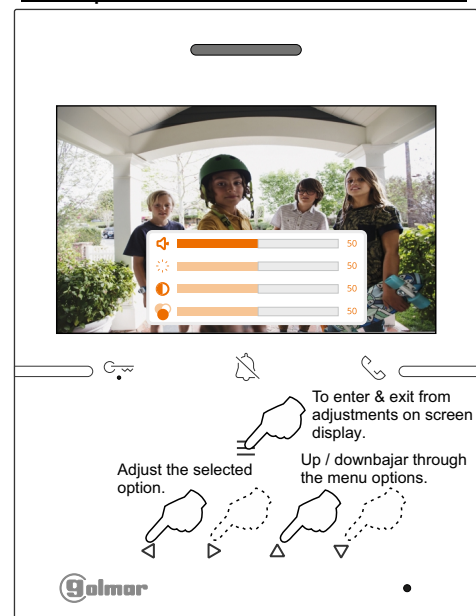
MONITOR SETTINGS

SW1 configuration switch:

The **SW1** configuration switch is located at the back of the monitor.

Dip1: Defines the WiFi operating mode on the monitor. **ON** "WiFi always active" and **OFF** "WiFi active after call forwarding" (the GCall app will have a delay of 10 seconds for the call forwarding reception). **Important:** for system types, limits on the number of ART 5W monitors with WiFi always active (call forwarding without delay) or with WiFi active after call forwarding (10 sec. delay), see pages 32, 34 and 38.
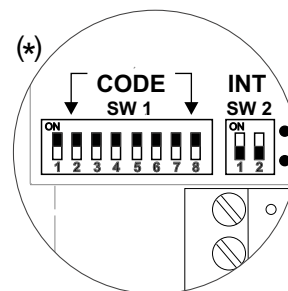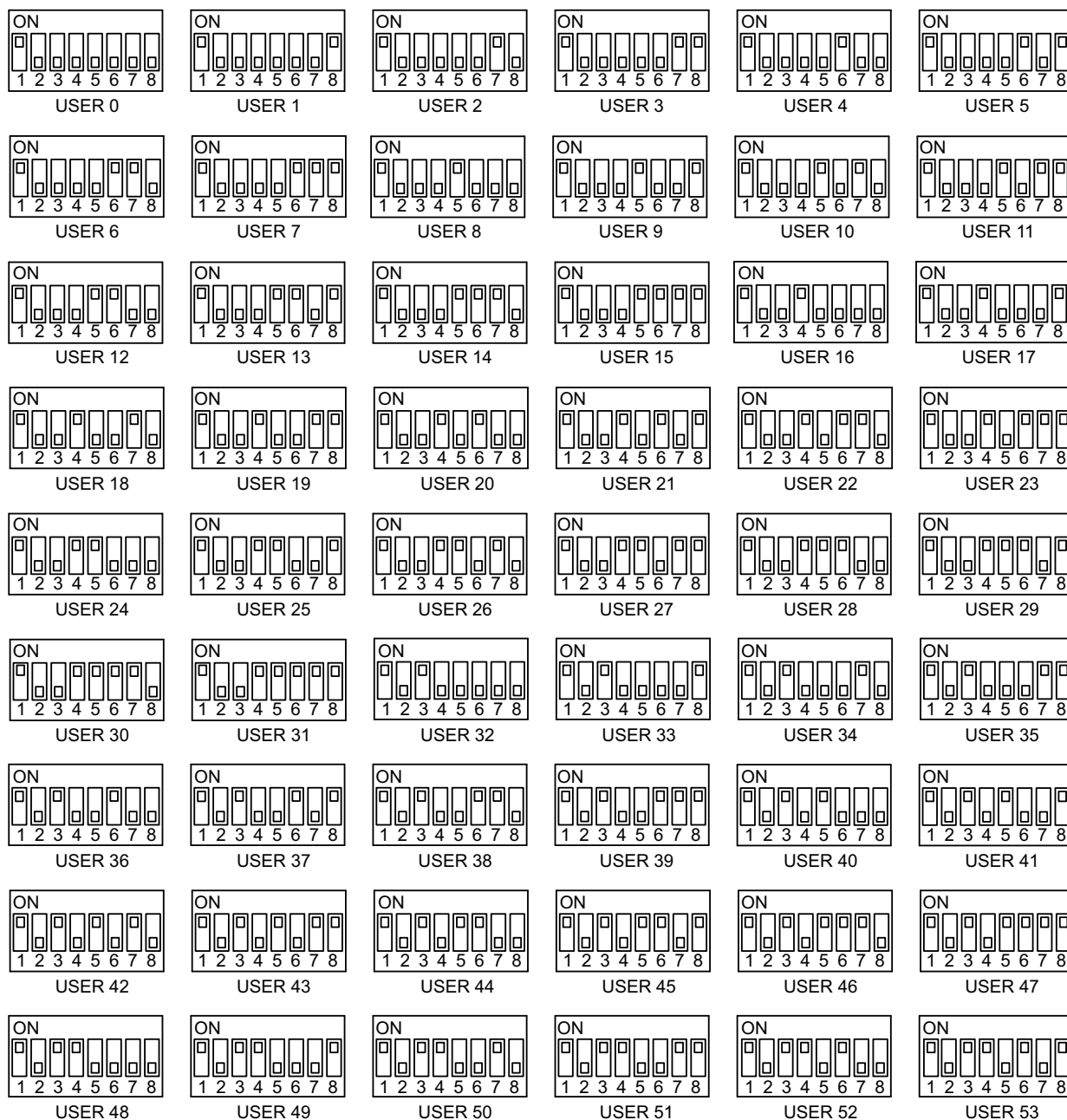
Dip2 to Dip8: To configure the desired code (2 = most significant bit and 8 = least significant bit).

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.
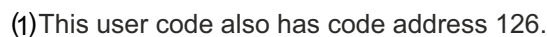
<u>SW 1 SWITCH:</u>

USER 0   USER 1   USER 2   USER 3   USER 4   USER 5
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.**

MONITOR SETTINGS

Continued from previous page.

USER 54 USER 55 USER 56 USER 57 USER 58 USER 59

USER 60 USER 61 USER 62 USER 63 USER 64 USER 65

USER 66 USER 67 USER 68 USER 69 USER 70 USER 71

USER 72 USER 73 USER 74 USER 75 USER 76 USER 77

USER 78 USER 79 USER 80 USER 81 USER 82 USER 83

USER 84 USER 85 USER 86 USER 87 USER 88 USER 89

USER 90 USER 91 USER 92 USER 93 USER 94 USER 95

USER 96 USER 97 USER 98 USER 99 USER 100 USER 101

USER 102 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 "INT" configuration switch:

The **INT** configuration switch is located at the back of the monitor. It enables the monitor to be configured as master/slave.
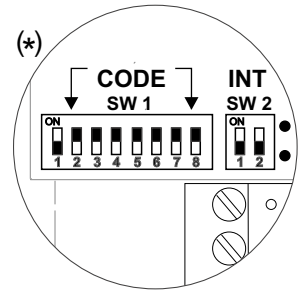
INT: Internal code of the monitor/telephone to set as master/slave.

Set the monitor/telephone as master, slave 1, slave 2 or slave 3 using the **INT** 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 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 🔔 is pressed, causing the image on the monitor that was displaying it to disappear.

INT SWITCH:

(∗) INT 0   INT 1   INT 2   INT 3
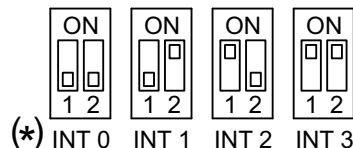
(∗) Factory setting.

JP3 end of line jumper:

JP3 end of line jumper, is located at the back of the monitor. Leave the JP3 jumper inserted on the left on those monitors where the bus cable end. Insert the jumper JP3 to the right only on the intermediate monitors.
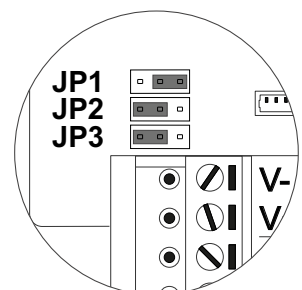
JP3

Leave the JP3 jumper inserted on the left on those monitors where the bus cable end (end of line connected).

JP3

Insert the jumper JP3 to the right only on the intermediate monitors. (end of line disconnected).
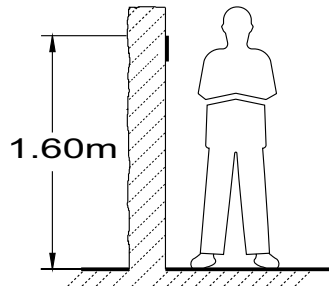
INSTALLING THE MONITOR IN A WALL MOUNTING CONNECTOR

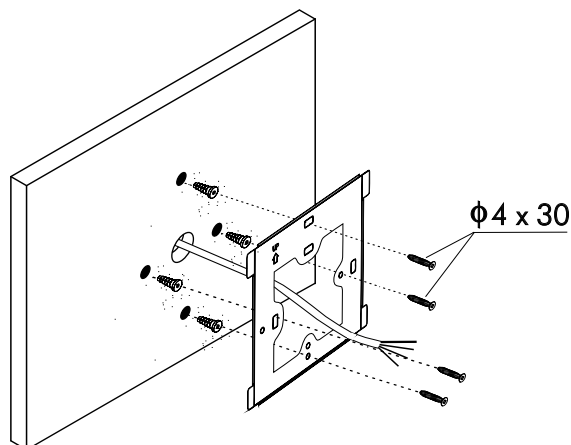Avoid dusty or smoky environments or locations near sources of heat.

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.

φ 4 x 30

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.
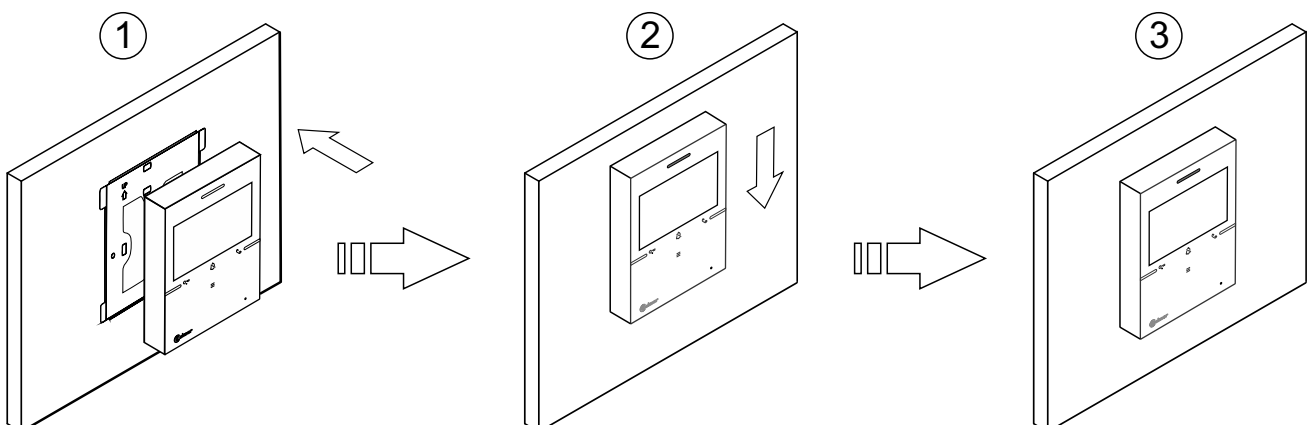
INSTALLING THE MONITOR IN AN EMBEDDING BOX

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 5cm.

1.60m
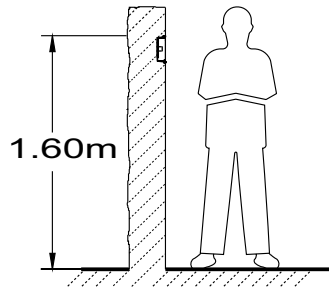
Positioning the embedding box and fitting the wall mounting connector:

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.
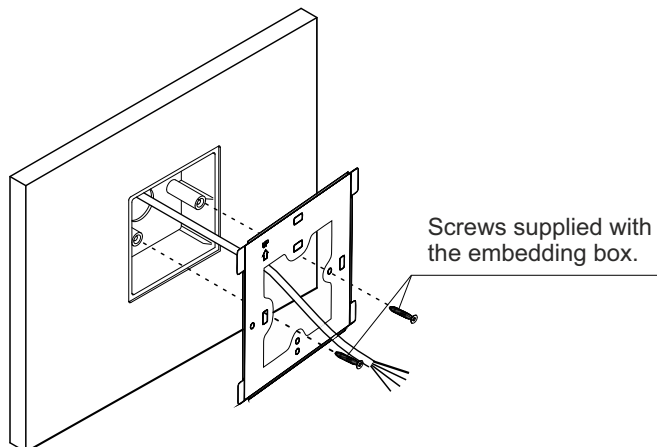
Screws supplied with the embedding box.

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.

①   ②   ③
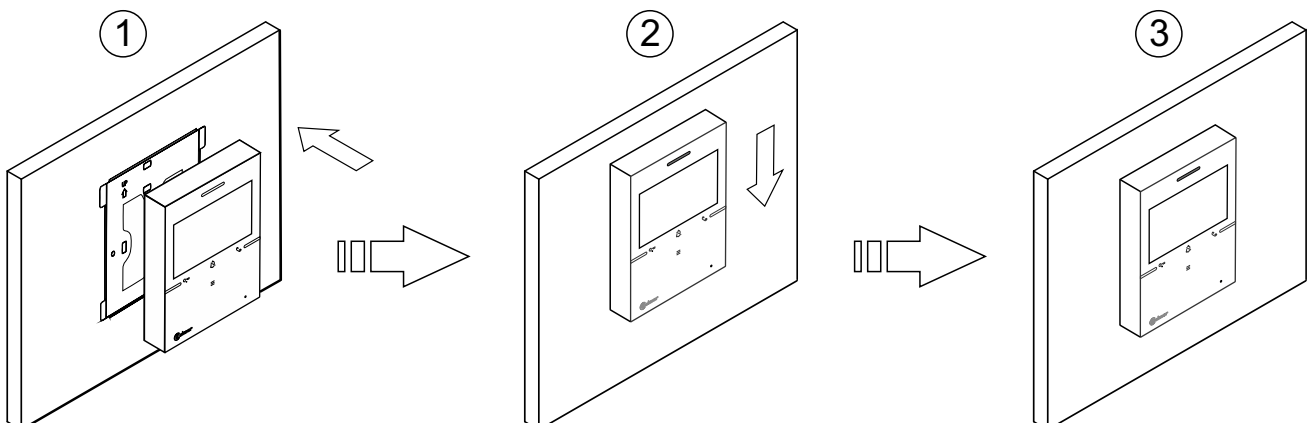
MAIN MENU

The main menu allows you to modify the monitor's default settings:

<u>Main menu</u>

Press twice to access the main menu.
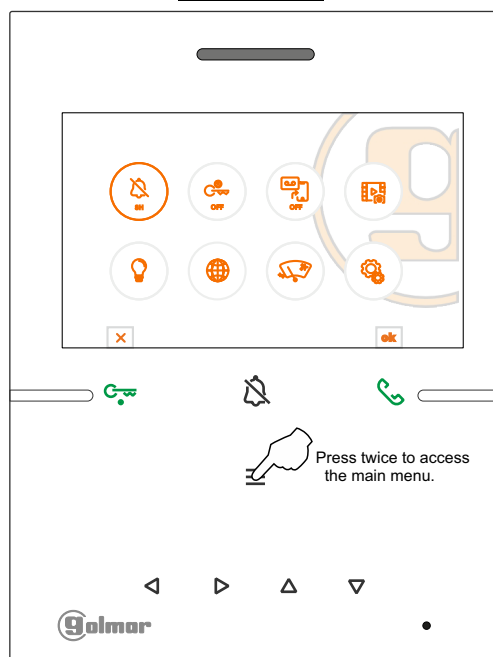
If the device is in standby (screen switched off), to access the main menu, press twice the button ☰ Press the ◁ / ▷ & ▽ / △ buttons to scroll through the function icons. Then press the 📞 button to activate/deactivate or access the selected function and press the 🔑 button to exit the selected function and return to the main menu. The equipment will return to the idle state after 25 seconds of inactivity or by pressing the ☰ button once.

Activate/deactivate the "do not disturb" mode function from the front of the monitor and at rest by pressing the 🔔 button once, when the function is activated, the led on the 🔔 button will light up steady (red). A 3 second press activates/deactivates the "do not disturb" mode for 8 hours and the led of the 🔔 button will flash (red).

The "automatic door opening" function (master monitor only) allows the door to be opened automatically 3 seconds after a call is made from the panel without the need to answer the call. Position yourself on the function icon with the help of the buttons ◁ / ▷ and ▽ / △ press the 📞 push-button to activate 🔑 or deactivate 🔑 the function.

This multifunction icon (master monitor only) allows you to activate/deactivate the "call forwarding" mode (previously configured, see pages 23 to 26) or to activate/deactivate the "automatic video recording" function. Note: the "call forwarding" mode deactivates the "automatic video recording" function. Position the cursor on the function icon using the buttons ◁ / ▷ / △ / ▽ and press the button 📞 to activate 📱 or deactivate 📱 the call forwarding function or activate 📹 the "automatic video recording" function, the video recording (lasting 10 seconds) is started when a call is made to the home.

Allows you to view the recorded call videos (maximum 32 videos, master monitor only), position on the function icon using the buttons ◁ / ▷ and ▽ / △ and press the button 📞 to access and play back the saved videos, press the button 🔑 to exit and return to the main menu. It also allows you to delete the call videos one by one or all at once. Note: from the settings menu, you can export the call videos (see pages 4 and 27) to a microSD memory card. The led of the ☰ button on the front of the monitor (in standby) will flash (green) and in the main menu the function icon with a red dot will indicate that there are videos pending to be viewed.

Allows you to select activations with special functions by coding previously created in the settings menu, see page 19 to 21. Position on the function icon using the buttons ◁ / ▷ and ▽ / △ and press the button 📞 to access and select the desired activation using the buttons ▽ / △ , then press the button 🔑 to activate. To exit and return to the main menu, press the 📞 push-button.

To change the language of the monitor, go to the function icon using the buttons ◁ / ▷ and ▽ / △ and press the button 📞 to access and select the desired language using the ◁ / ▷ buttons, then press the button 📞 to confirm the selection. To exit without changing and return to the main menu, press the button 🔑 .

Allows you to clean the screen by temporarily (30 seconds) overriding the buttons on the front of the monitor. This option is useful to avoid unintentionally activating the monitor functions when you want to clean the screen. Place yourself on the function icon with the help of the buttons ◁ / ▷ and ▽ / △ and press the button 📞 to activate the "clean screen" function for 30 seconds, once this time has elapsed, the monitor returns to the main menu. Note: If the "clear screen" function is activated when a call is received, the function is deactivated to allow the call to be answered.

To access the settings menu: Position yourself on the function icon using the buttons ◁ / ▷ and ▽ / △ and press the button 📞 .
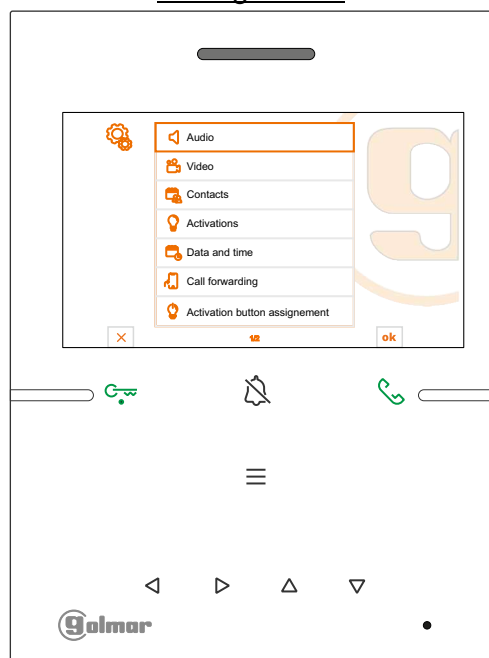
SETTINGS MENU (ADVANCED PROGRAMMING)

The settings menu allows you to modify the monitor's default settings:

If the equipment is in standby mode (screen off), to access the main menu, press the button ☰ twice. Use the ◁/▷ & ▽/△ buttons to move to the function icon (⚙). Then press the button 📞 to access the settings menu, see page 12.
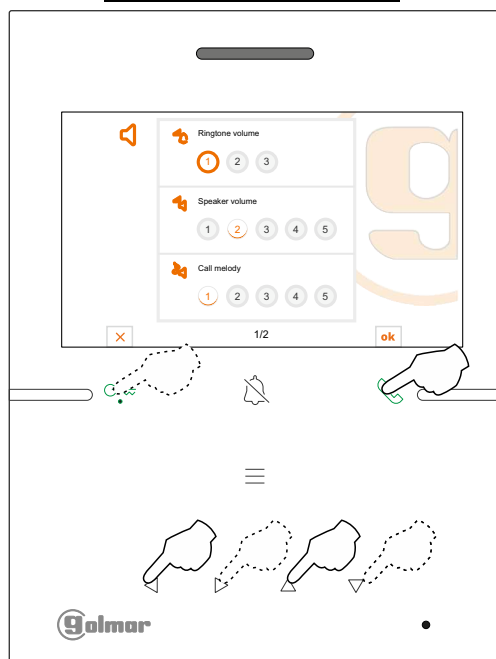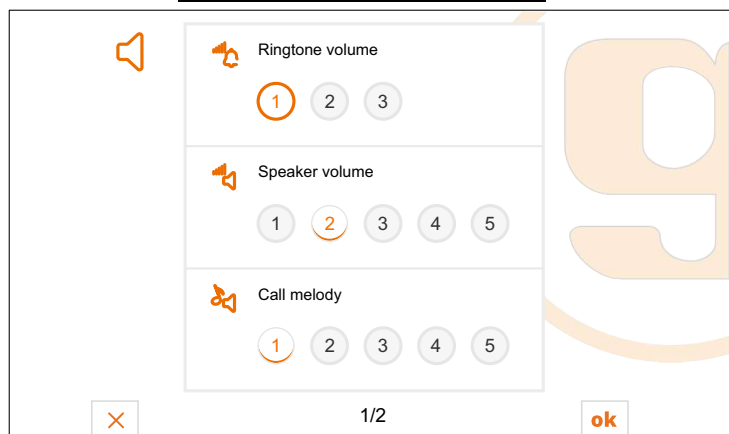
Main menu
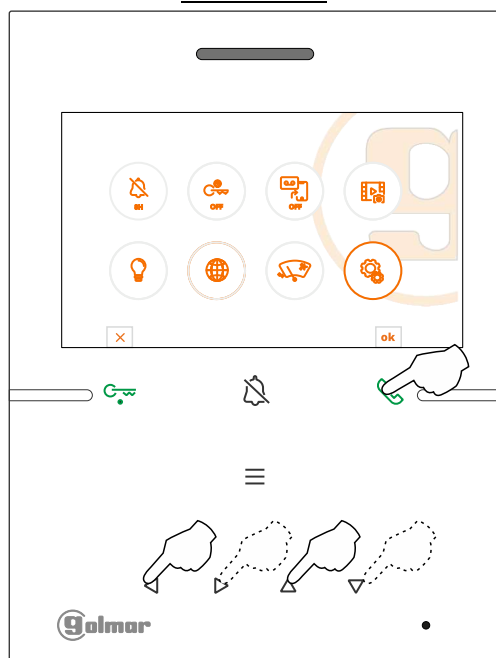
Settings menu

◁️ **AUDIO**: In the settings menu, select "Audio" to adjust the audio volumes of the monitor, using the ▽/△ buttons. button, press the button 📞 to access the audio settings. To exit and return to the settings menu, press the push button ⚷.

Audio selection screen

Audio selection: Screen 1 of 2

Audio selection: Screen 2 of 2
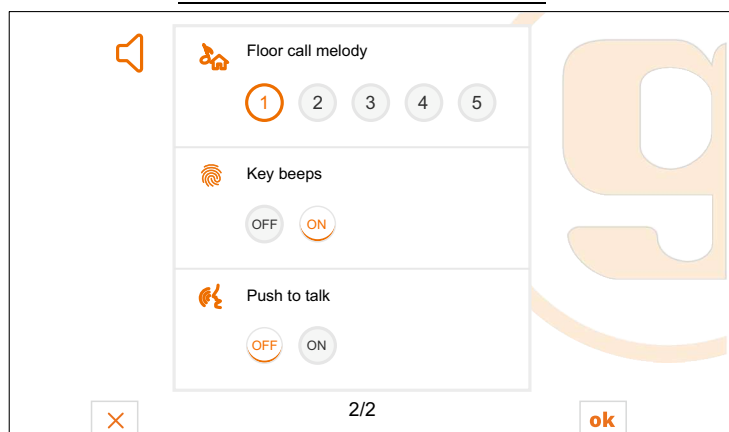
Push buttons: ▽/△ select the parameter to be changed. When the last parameter is selected, pressing ▽ will take you to screen 2/2.

Push buttons: ◁/▷ once a parameter has been selected, you can adjust its value.

At the end of the configuration, press the push button 📞 to confirm and return to the settings menu.
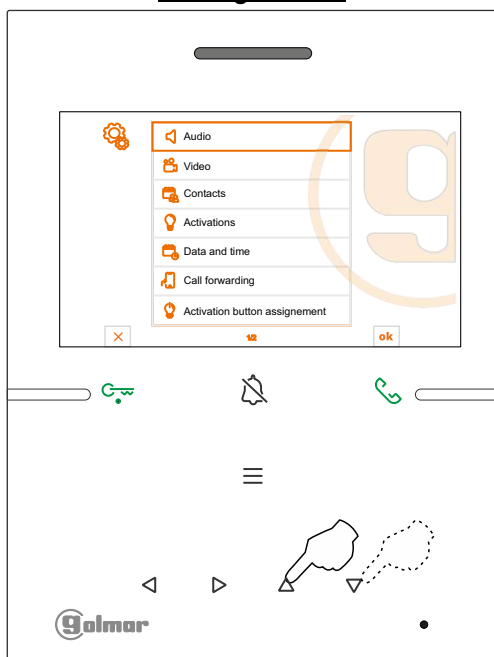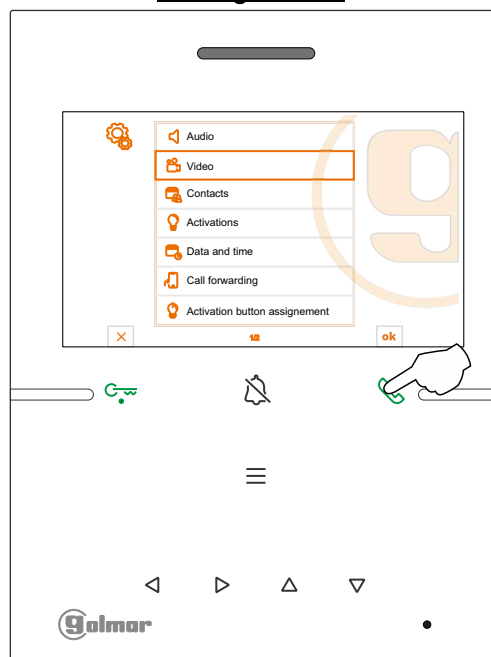
Continued from previous page.

SETTINGS MENU

VIDEO: In the settings menu, select "Video" to adjust the brightness of the screen, using the buttons ▽/△ , press the button 📞 to access the brightness adjustment screen.
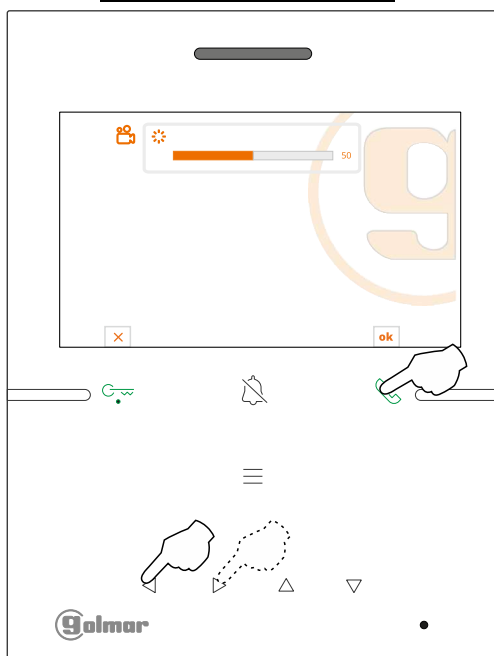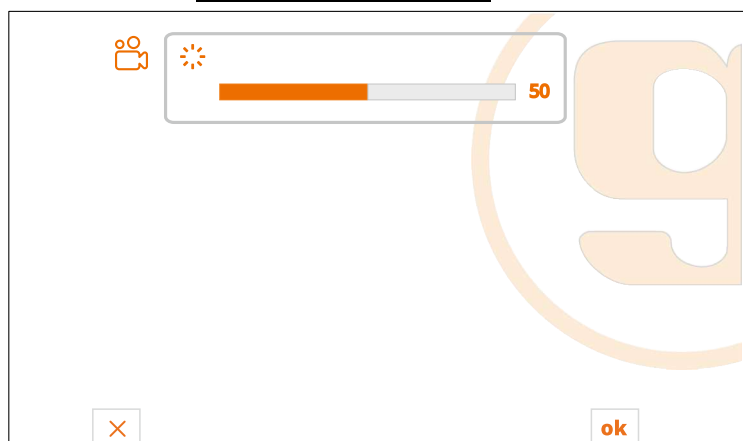
Settings menu

Settings menu

Then press the buttons ◁ / ▷ to adjust the brightness. At the end of the setting, press the 📞 button to confirm and return to the settings menu.
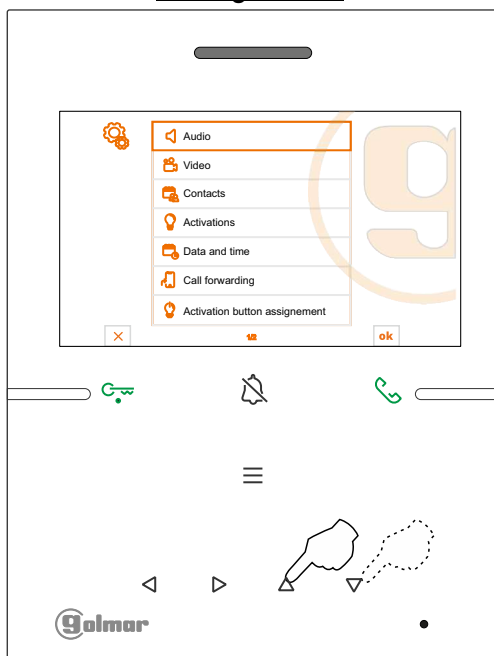
Video selection screen

Video selection screen

Continued overleaf

Continued from previous page.

SETTINGS MENU

CONTACTS: In the settings menu, select "Contacts" to add, modify and delete a contact in the monitor directory, with the help of the buttons ▽/△ , press the button 📞 to access the contacts screen.

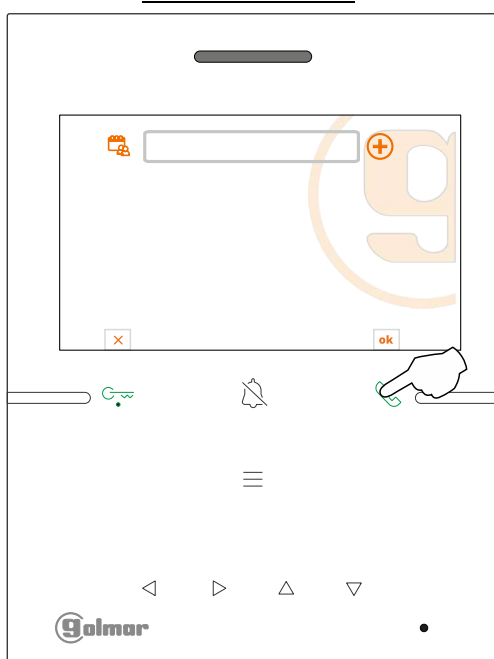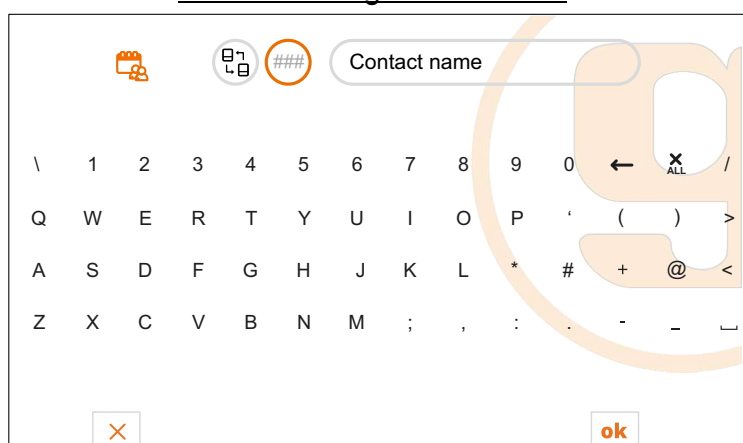**Note:** Up to 32 contacts can be added.

Settings menu

Settings menu
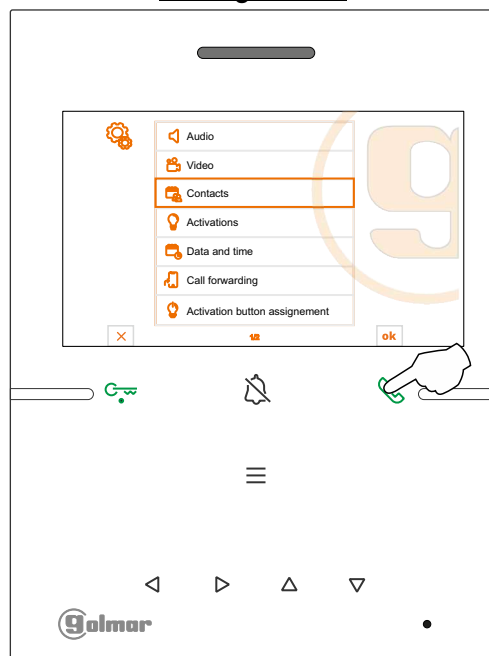
Add a new call contact to a monitor/ of the same apartment:

Then press the button 📞 to add a new call contact to a monitor/telephone in the same apartment and access the "contact configuration screen". Up to 32 contacts can be added.

Contacts screen

Contacts configuration screen

To configure, follow the steps below:

1. Press the ◁ push-button to move to the 🖳 (intercom mode) field and press the 📞 push-button to change to the 🖳 icon for intercom call in the same apartment, now the # (address) field icon has changed.

2. Press the ▷ push-button to position yourself on the # (address) field, press the 📞 push-button, and with the help of the ◁/▷ and 📞 push-buttons, select and accept on the keyboard the option 0 to 3 if the monitor to be called is master monitor, secondary 1, secondary 2 or secondary 3 respectively.

3. Press push-buttons △ and ▷ to position yourself in the field (name), press push-button 📞 and with the help of push-buttons ◁/▷ / △ / ▽ & 📞 , enter the name.

4. Press the push-button 🔑 to save the new contact in the monitor directory and press the push-button 📞 to confirm.

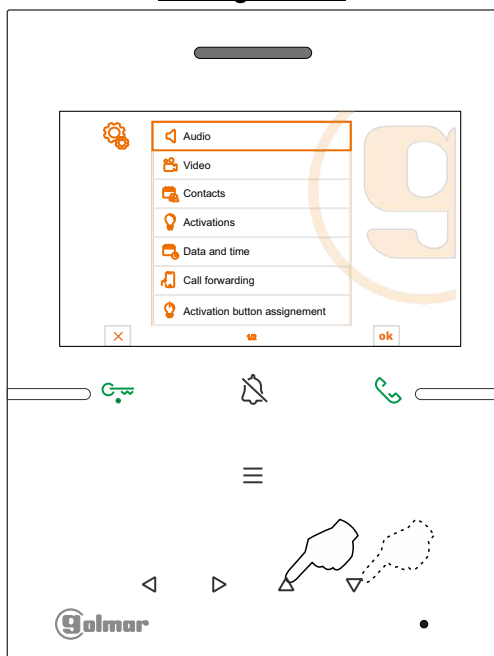5. To exit and return to the settings menu press the key 🔑 .

Continued from previous page.
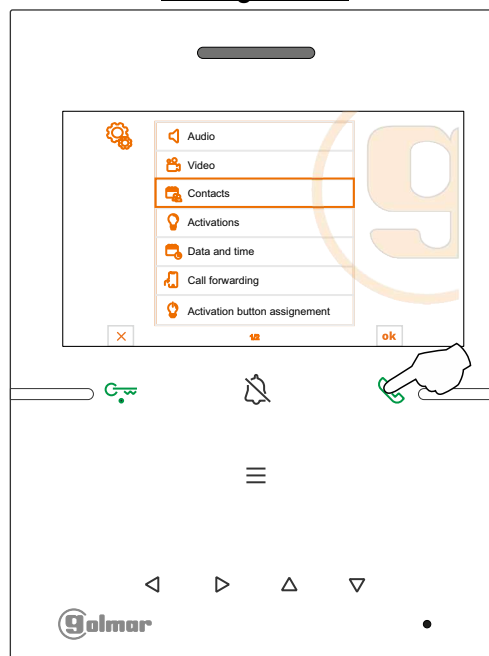
SETTINGS MENU

In the settings menu, select "Contacts" to add, modify and delete a contact in the monitor directory, with the help of the buttons ▽/△ , press the button 📞 to access the contacts screen.

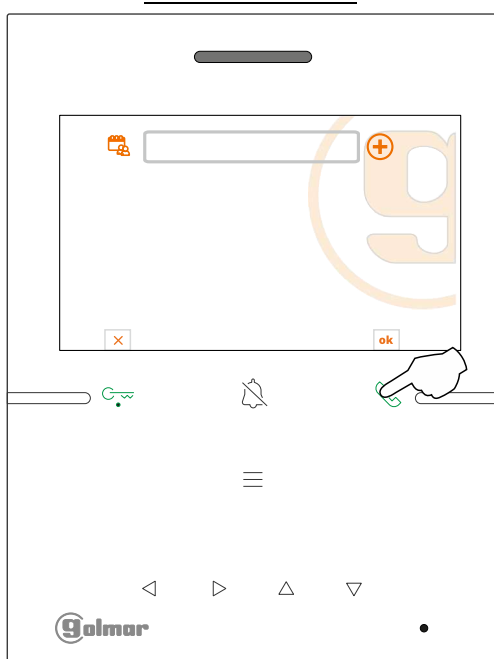**Note:** Up to 32 contacts can be added.

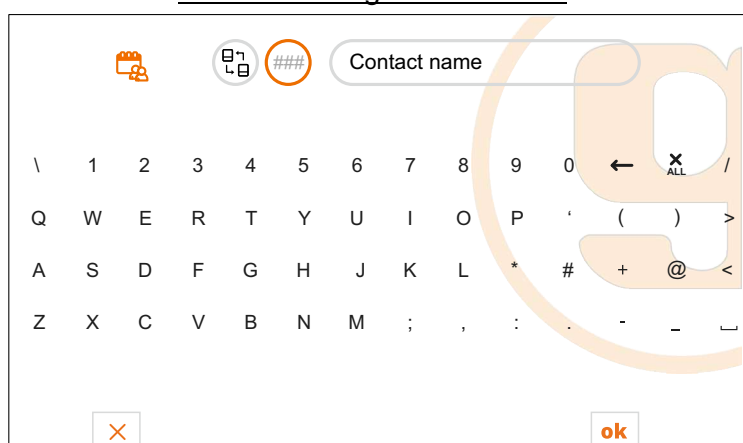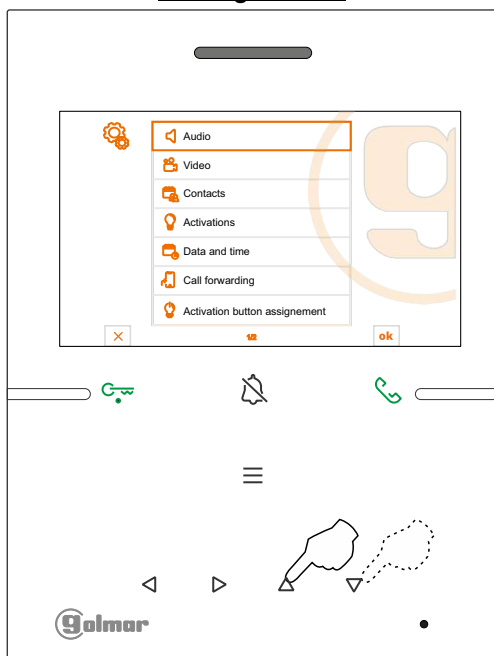Settings menu   Settings menu

Add a new call contact to a apartment:

Then press the button 📞 to add a new call contact to a flat and access the "contact configuration screen". Up to 32 contacts can be added.

Contacts screen   Contacts configuration screen

Follow the steps below for configuration:

1. The field (intercom mode) is configured by default with the icon 🔲 for calling a apartment.

2. In the ### (address) field, press the 📞 push-button and, using the ◁ /▷ & 📞 push-buttons, select and accept the apartment address (option from 0 to 126) on the keypad.

3. Press push-buttons △ and ▷ to position yourself in the field (name), press the push-button 📞 and with the help of push-buttons ◁ /▷ /△ /▽ and 📞, enter the name.

4. Press the push-button 🔑 to save the new contact in the monitor directory and press the push-button 📞 to confirm.

5. To exit and return to the settings menu press the push-button 🔑 .
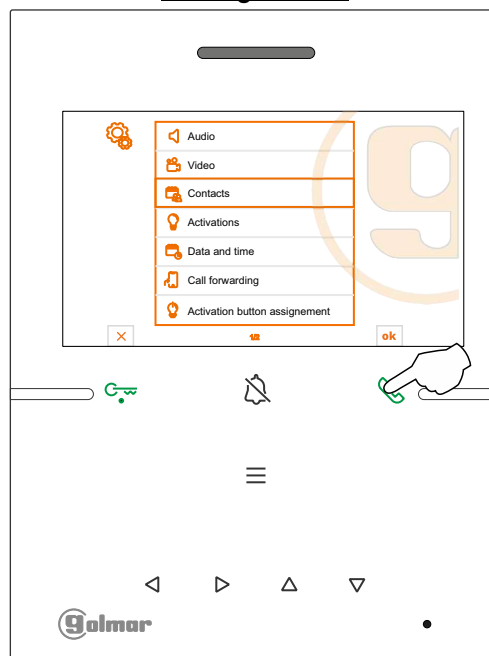
Continued from previous page.

SETTINGS MENU

In the settings menu, select "Contacts" to add, modify and delete a contact in the monitor directory, with the help of the buttons ▽/△ , press the button 📞 to access the contacts screen.

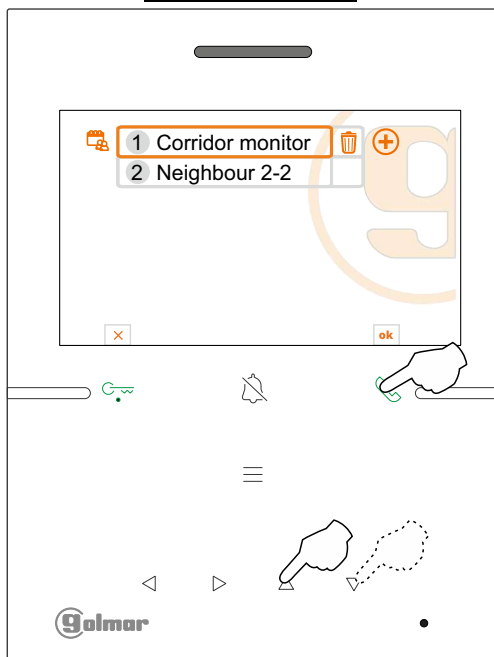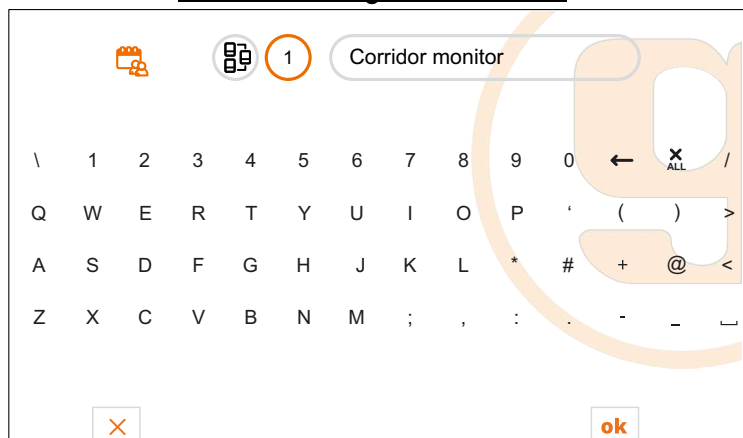**Note:** Up to 32 contacts can be added.

Settings menu

Settings menu

Modify a contact:

Select the contact to be modified with the help of the △ / ▽ push-buttons, press the push-button 📞 to confirm and display the following configuration screen. You can then modify the fields: intercom mode, address or name description with the help of the buttons ◁ / ▷ / △ / ▽ and 📞 , as described on pages 15 and 16.
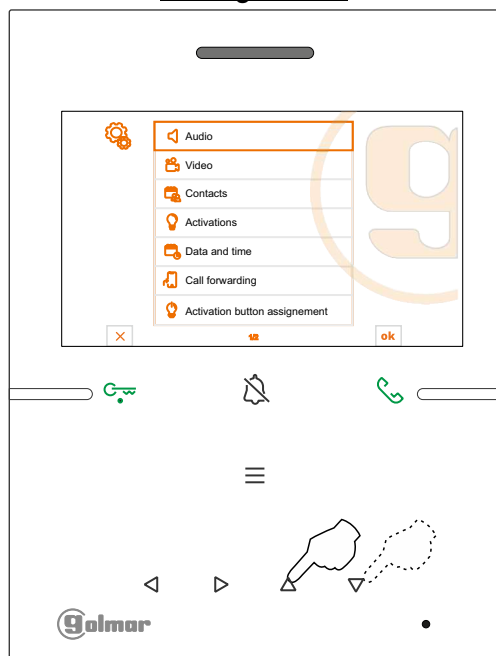
Contacts screen

Contacts configuration screen

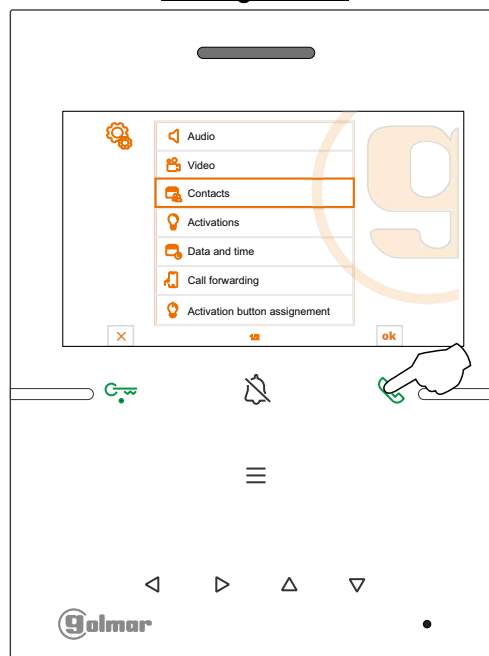Continued from previous page.

SETTINGS MENU

In the settings menu, select "Contacts" to add, modify and delete a contact in the monitor directory, with the help of the buttons ▽/△ , press the button 📞 to access the contacts screen.

Note: Up to 32 contacts can be added.

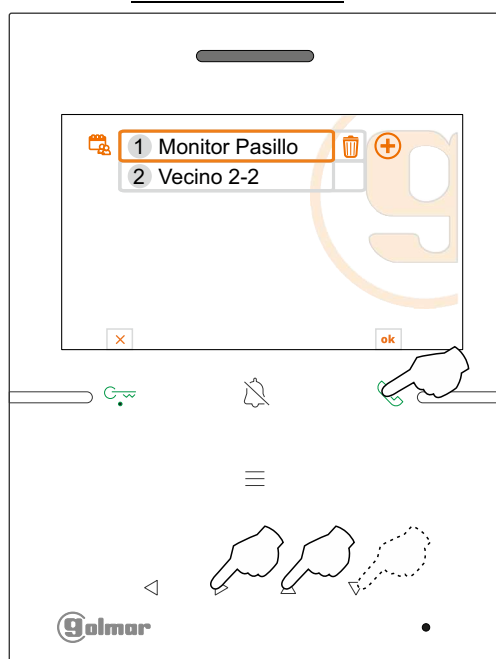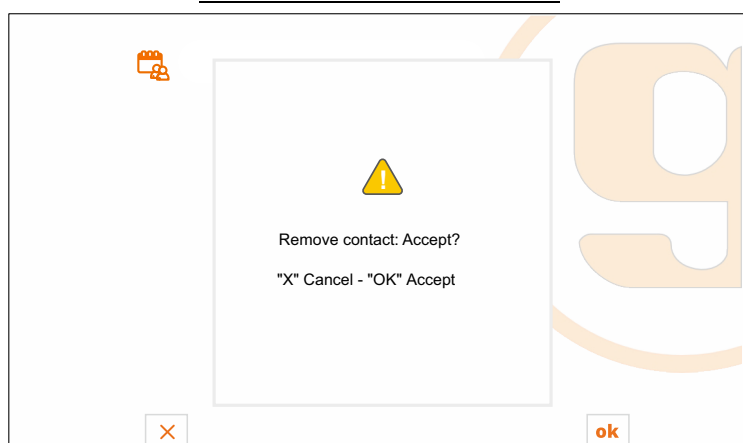Settings menu   Settings menu

Delete a contact:

Select the contact to be deleted with the help of the push-buttons △ / ▽ , press the push-button ▷ to select the icon 🗑 . Then press the push-button 📞 to confirm and display the next screen, press the push-button 📞 again to delete the contact. Press the 🔑 push-button to cancel and return to the contacts screen. To exit and return to the settings menu press the 🔑 push-button.

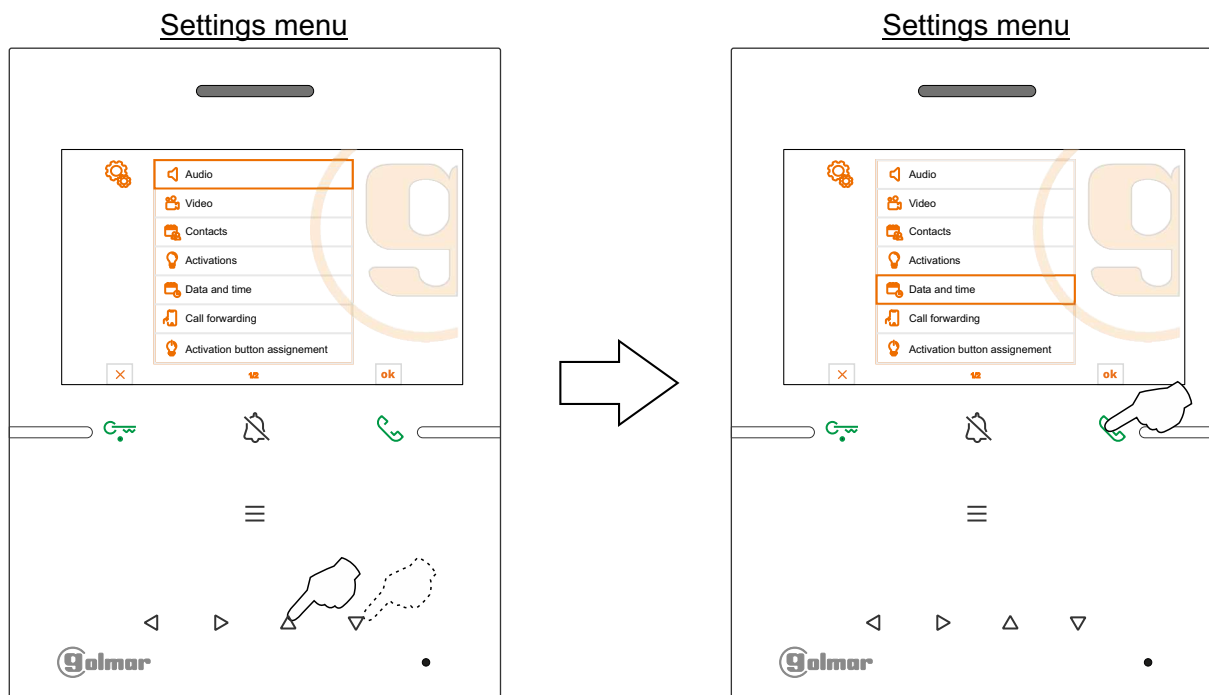Contacts screen   Delete Confirmation Screen

Continued from previous page.
SETTINGS MENU

🔆 **ACTIVATIONS:** No function.

📅 **DATE AND TIME:** In the settings menu, select "Date and time" to set/modify the date and time displayed on the saved call videos, with the help of the buttons ▽/△ , press the button ☎ to access the date and time screen.

Settings menu

Settings menu

To select the parameters to be configured, use the buttons ◁ / ▷ / △ / ▽ and the buttons △ / ▽ / ☎ to configure the selected parameter. At the end of the configuration, press the push button 🔑 to exit and return to the settings menu.

Date / Time setting screen

Date / Time setting screen
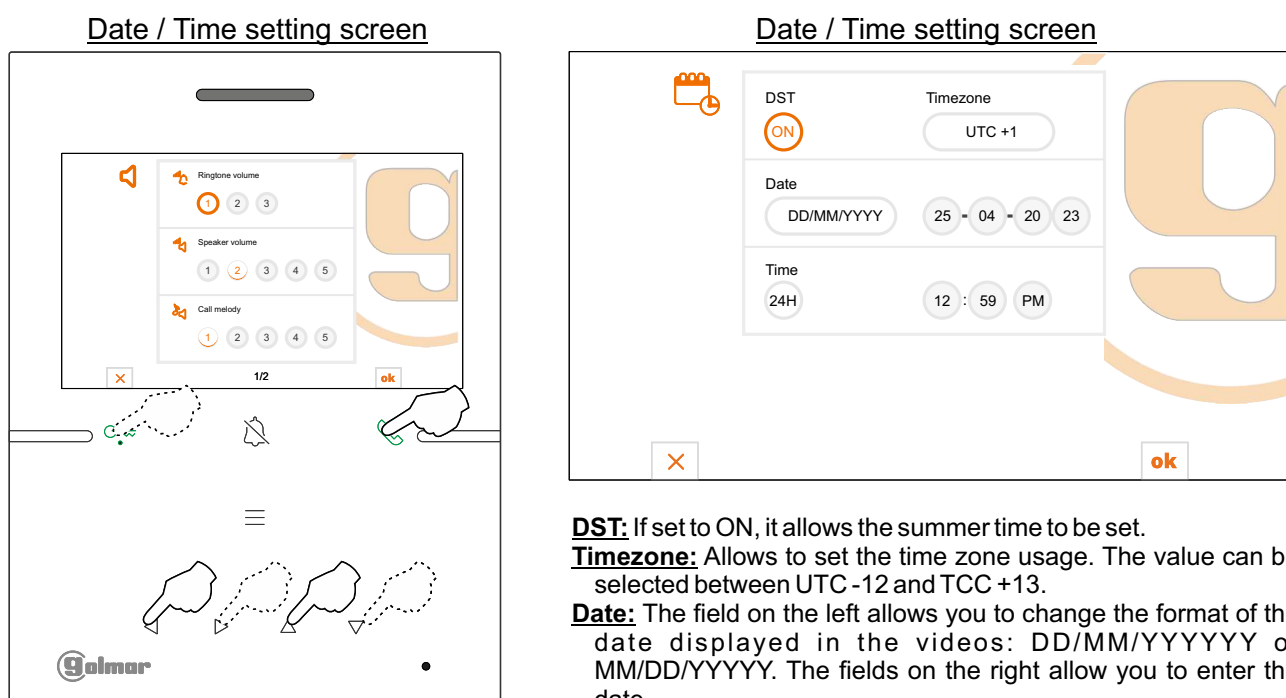
DST: If set to ON, it allows the summer time to be set.

Timezone: Allows to set the time zone usage. The value can be selected between UTC -12 and TCC +13.

Date: The field on the left allows you to change the format of the date displayed in the videos: DD/MM/YYYYYY or MM/DD/YYYYY. The fields on the right allow you to enter the date.

Time: The field on the left allows you to change the format of the time displayed in the videos: 24H or 12H. The fields on the right allow you to enter the time and define whether it is before noon (AM) or after noon (PM).
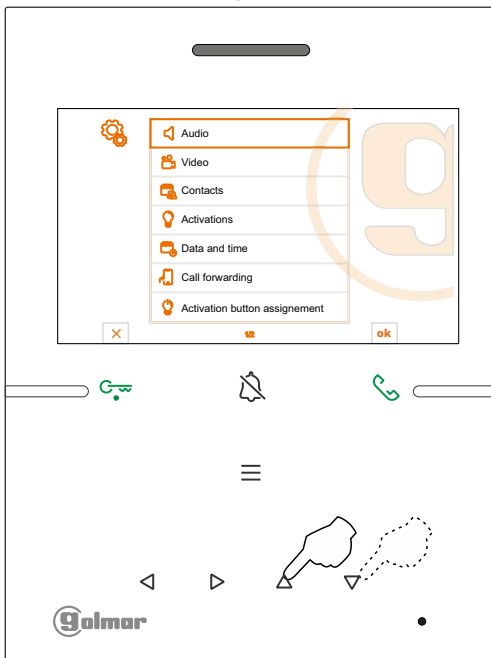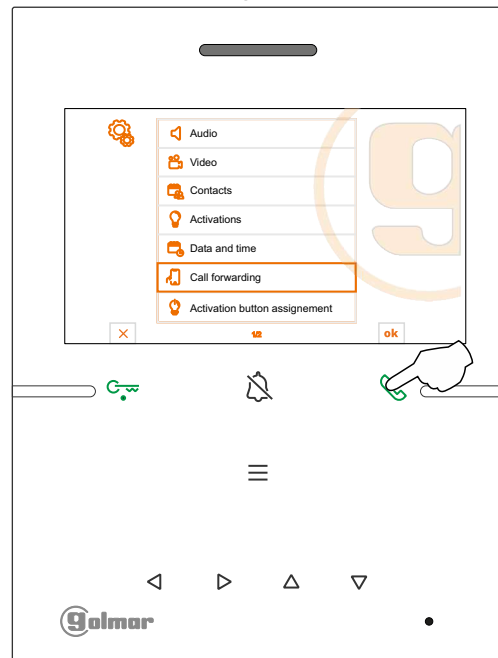
Continued from previous page.

SETTINGS MENU

CALL FORWARDING: In the settings menu, select "Call forwarding" to configure the corresponding function, using the buttons ▽/△ , press the button 📞 to access the call forwarding configuration screen.
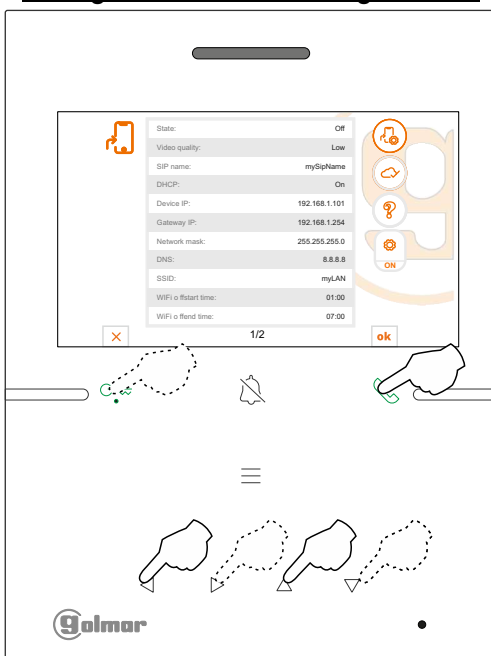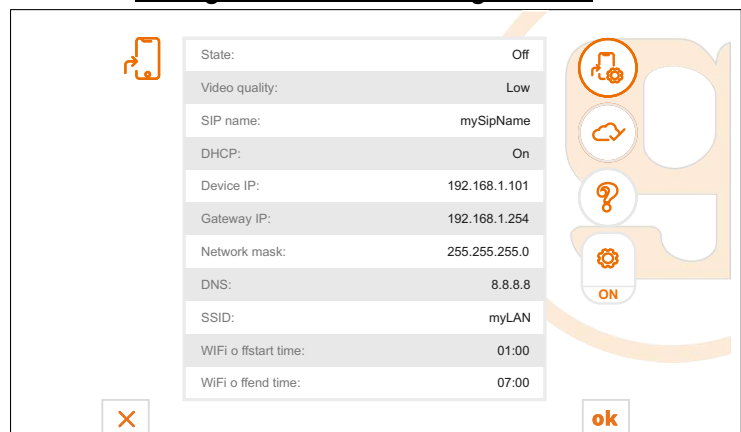

Settings menu

Settings menu

To select the options to be configured, use the buttons △ / ▽ and the button 📞 to access the selected option. At the end of the configuration, press the push button ⌁ to exit and return to the settings menu. **Note:** Configure the sending of calls only on the master monitor of the apartment.

Configure "Call Forwarding" screen

Configure "Call Forwarding" screen

State:	Off
Video quality:	Low
SIP name:	mySipName
DHCP:	On
Device IP:	192.168.1.101
Gateway IP:	192.168.1.254
Network mask:	255.255.255.0
DNS:	8.8.8.8
SSID:	myLAN
WiFi o ffstart time:	01:00
WiFi o ffend time:	07:00

-Important: To enable this function it is necessary to have a router that ensures the access of the master monitor with the "call forwarding" function configured and Wifi enabled.

-The call forwarding function allows sending a video and audio call to an Android or iOS smartphone.

-On the smartphone, connected to the internet with its own data connection or WiFi, you must install the "Golmar Gcall" app to be able to receive the call.

-Remember: The "call forwarding" mode disables the "automatic video recording" function.
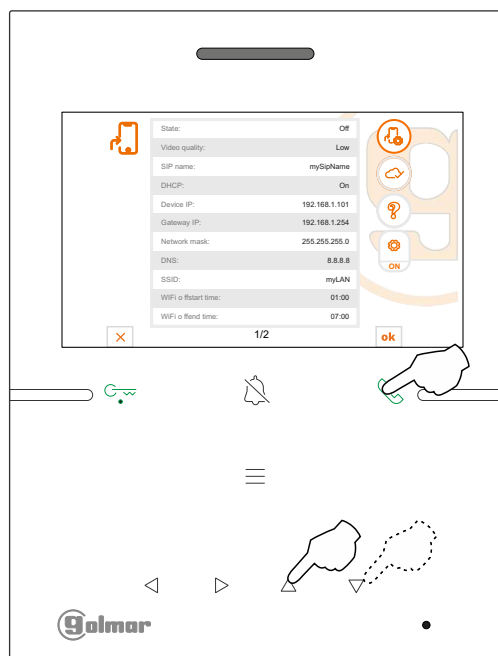
Continued from previous page.
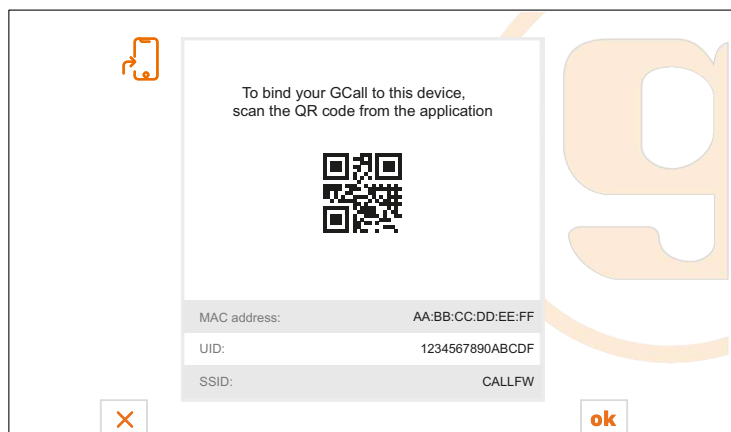## SETTINGS MENU

Associate the Golmar Gcall App with the apartment's master monitor:

Select the option ⚙ using the buttons ▽/△ and press the button 📞 to enter. After a few seconds the monitor will go into configuration mode and the following screen will be displayed.

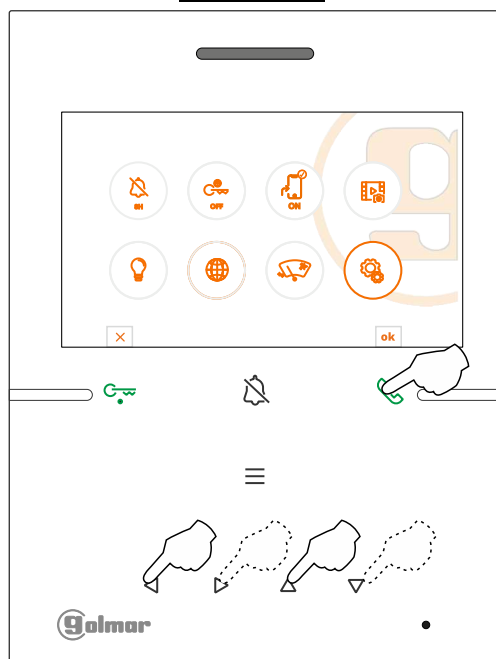<u>Configure "Call Forwarding" screen</u>

<u>Configuration mode screen</u>

To configure the call forwarding function, see "Golmar Gcall" manual & "Golmar Gcall Configurator". Once the configuration is complete, press the button 🔑 to return to the main menu screen. The following icon 📱 will be displayed in the main menu to indicate that the call forwarding function is active on the monitor. When the function 📱 is active and a call is received from the panel in the apartment, it will be received by the monitor(s) and smartphones on which the Golmar Gcall App is installed and configured.

<u>Main menu</u>

<u>Main menu</u>
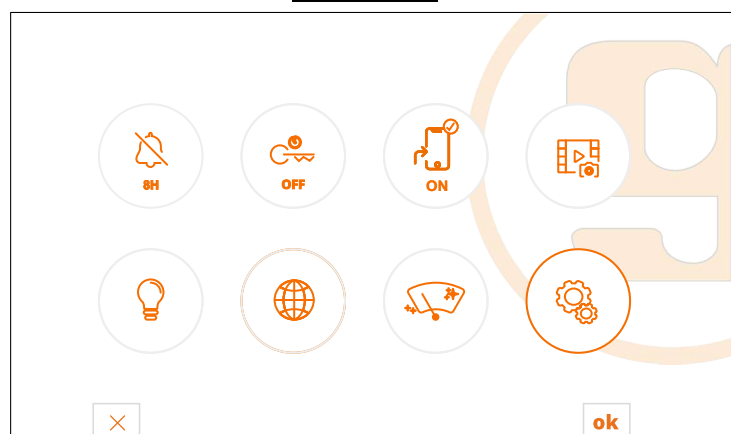
Status icon of the call forwarding function:

📱 Function not activated

📱 Function activated

📱 No connection to WiFi

📱 Feature configuration in Golmar GCall application incomplete.

📱 Configuration error

Continued from previous page.

SETTINGS MENU

Connection test:

After the call forwarding function has been configured and activated, a connection test can be carried out to check the correct function of the connection parameters. Access the call forwarding function screen.

Select the option ⟨⟩ with the help of push-buttons ▽/△ and press the button ☎ to confirm. After a few seconds the monitor will display the following screen. Press the ⚷ push button to exit and return to the "call forwarding" menu.

Configure "Call Forwarding" screen
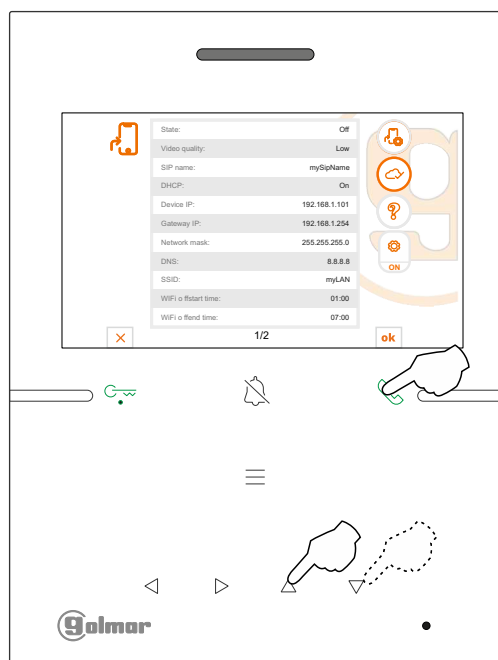
Connection test screen
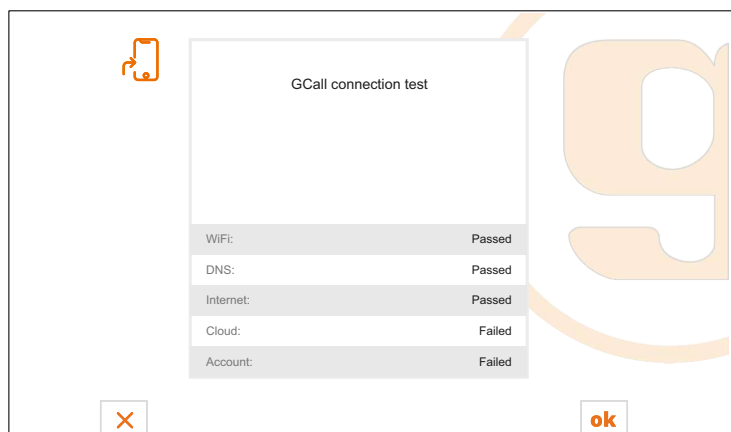
The test checks the following parameters:

WIFI: A diagnostic test is performed on the default gateway.
DNS: A diagnostic test is performed in the DNS.
Internet: A diagnostic test is carried out on the website www.google.com
Cloud: A diagnostic test is performed in the cloud.
Account: Check that the account used in the GCall app is registered correctly.

QR to download the GCall app for Android / iOS:

To download the GCall app on your smartphone, select the option ⟨?⟩ using the buttons ▽/△ and press the button ☎ to access. The following screen will be displayed, scan the displayed QR to access the Golmar GCall app web page and access the app download for android or iOS depending on the operating system of your smartphone. Press the button ⚷ to exit and return to the "call forwarding" menu.

Configure "Call Forwarding" screen
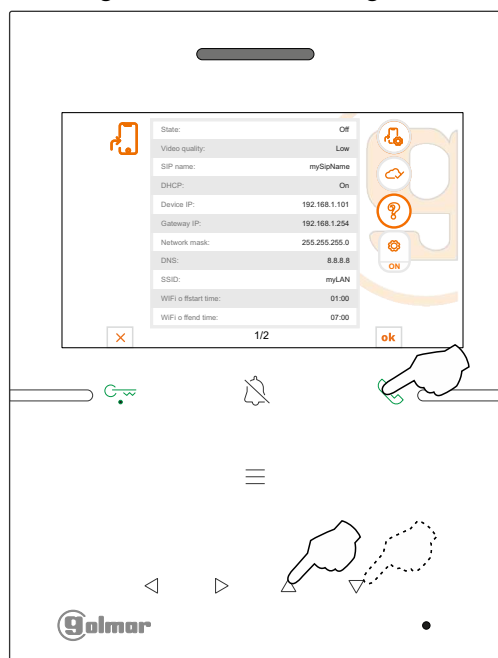
Information about app GCall screen
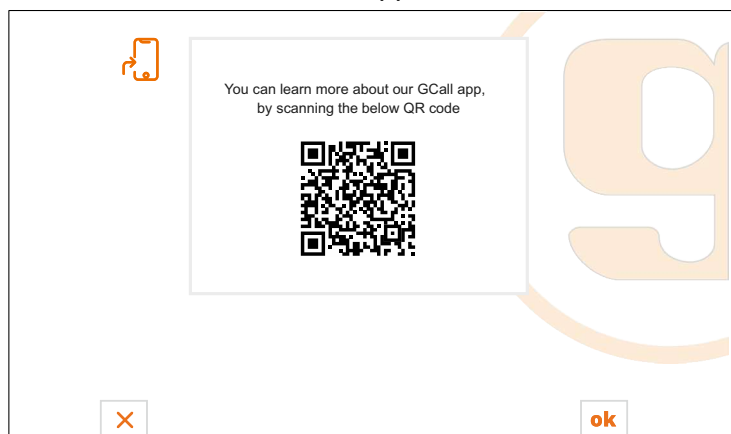
Continued from previous page.

SETTINGS MENU

Maintenance (Installer) mode:

Contact Golmar's technical sales department. Press the button ⦿ₓ to exit and return to the settings menu.

Configure "Call Forwarding" screen   Settings menu
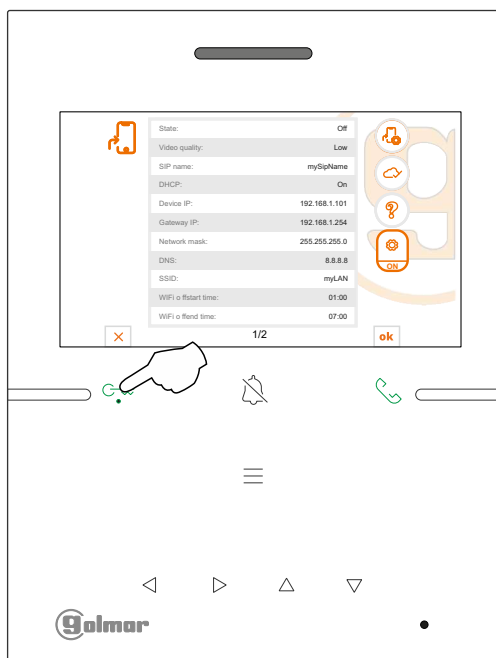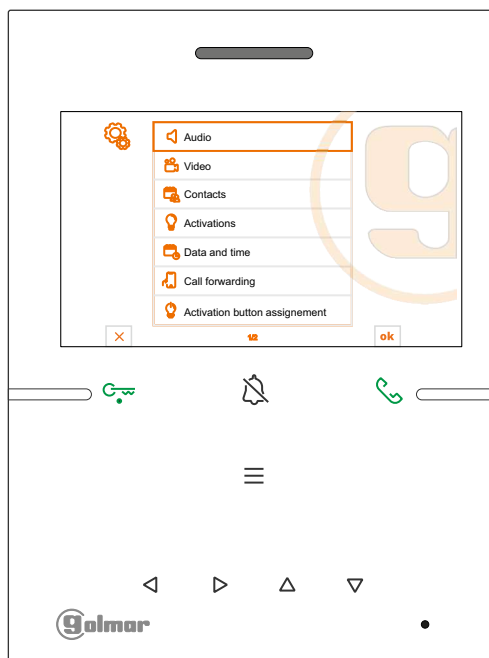
ACTIVATION BUTTON ASSIGNEMENT: In the settings menu, select "Activation button assignement" to assign an activation (previously created in activations) to the button ⦿, in this way you can activate the selected activation function without having to open the list of activations in the "main menu" with the help of the buttons ▽ / △ , press the button ☎ to display the list of available activations.

Settings menu   Settings menu
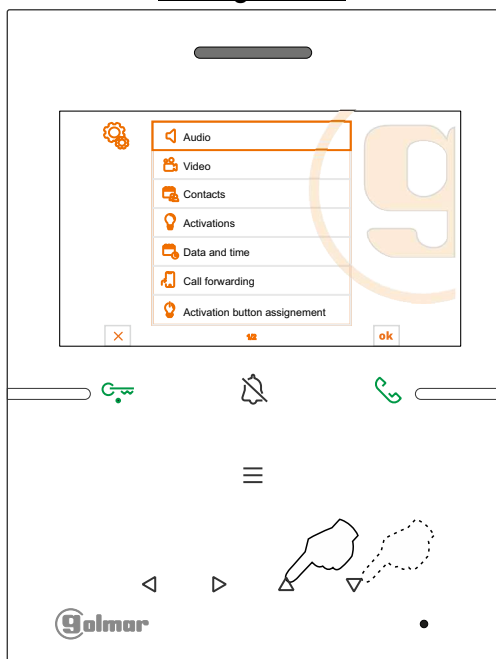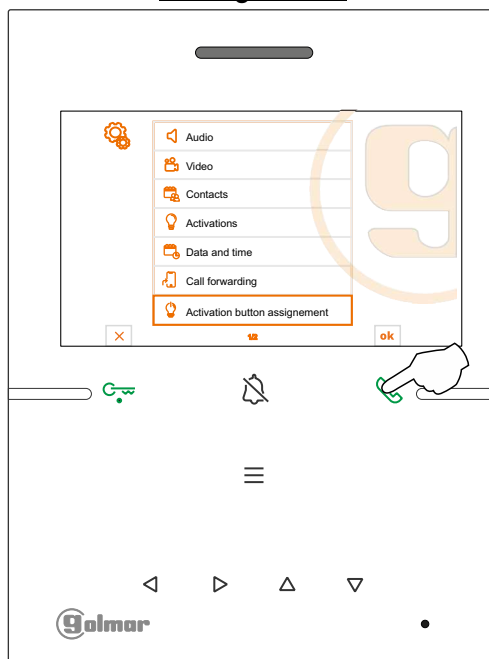
Continued from previous page.
SETTINGS MENU

Then select the activation you wish to associate with the push button 💡 using the push buttons △ / ▽ and press the push button 📞 to confirm your selection. Press the push button 🔑 to exit and return to the settings menu.

<u>Activation button assignment screen</u>
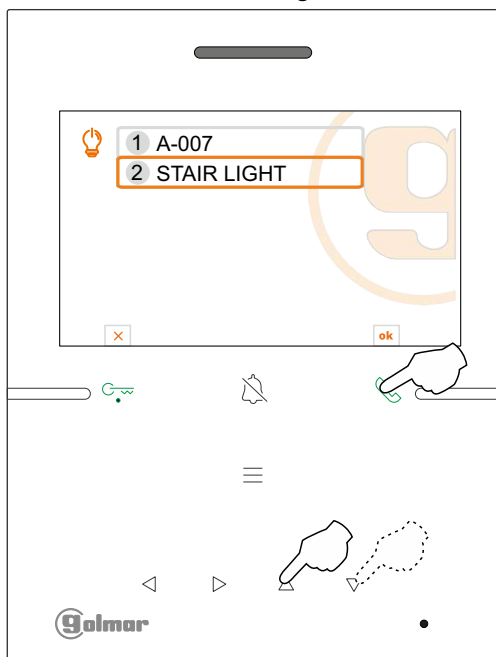
<u>Activation button assignment screen</u>
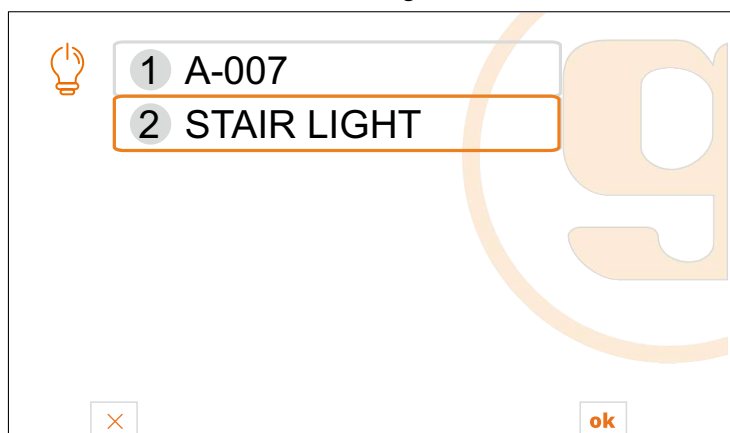
VIDEO MESSAGES EXPORT: If you wish to export a video message from the monitor, it is possible by using a microSD memory card (not included).

Insert the microSD card in the specific slot (only in the master monitor).

If the equipment is in standby mode (screen off), to access the main menu, press the push button ≡ twice. Place yourself on the function icon 🔧 with the help of the buttons ◁/▷ and ▽/△ . Then press the button 📞 to access the settings menu, see page 12.
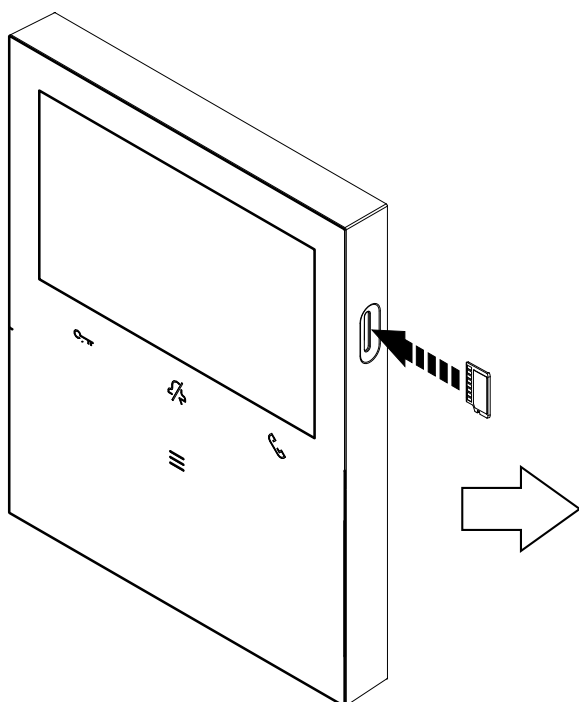
<u>Settings menu</u>
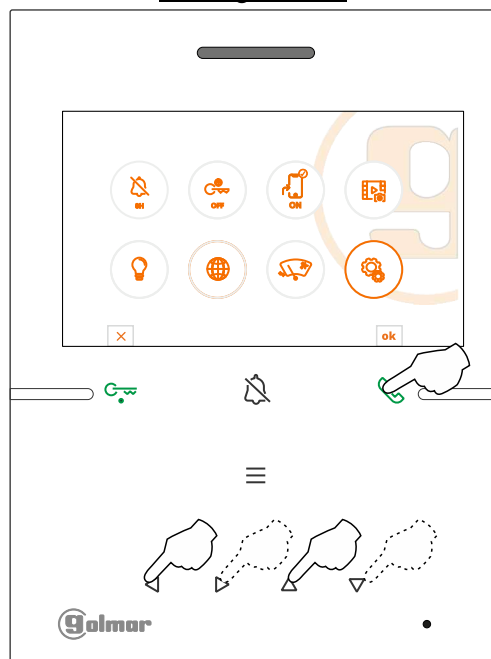
Continued from previous page.

SETTINGS MENU

In the settings menu, select "Video messages export" with the help of the buttons $\triangledown / \triangle$, press the button to display the list of recorded video messages.

Settings menu
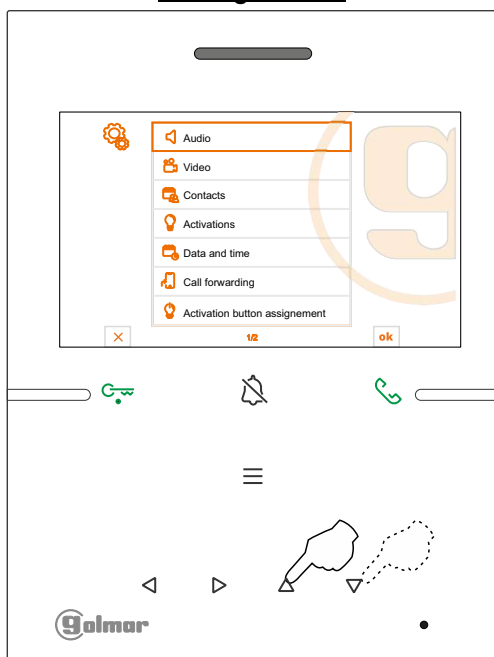
Settings menu
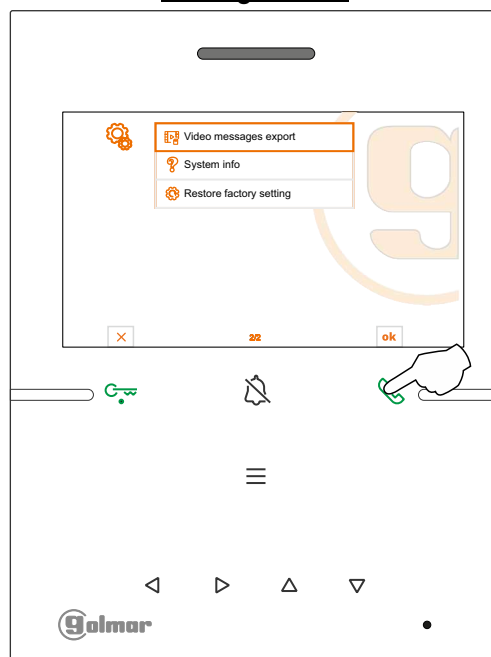
Export a video message:

Select the video message to be exported with the help of the push buttons $\triangle / \triangledown$, then select the option with the help of the push button $\triangleright$ and press the push button to confirm. At the end of the configuration, press the push button to exit and return to the settings menu.

Screen message recorded videos
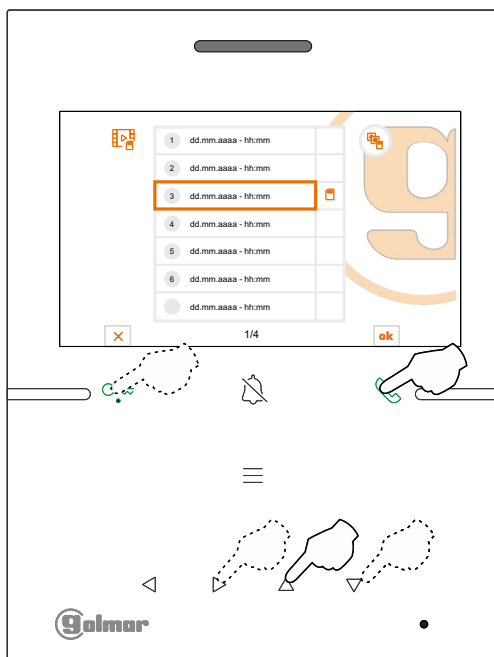
Screen message recorded videos

Transfer completed screen

Transfer completed
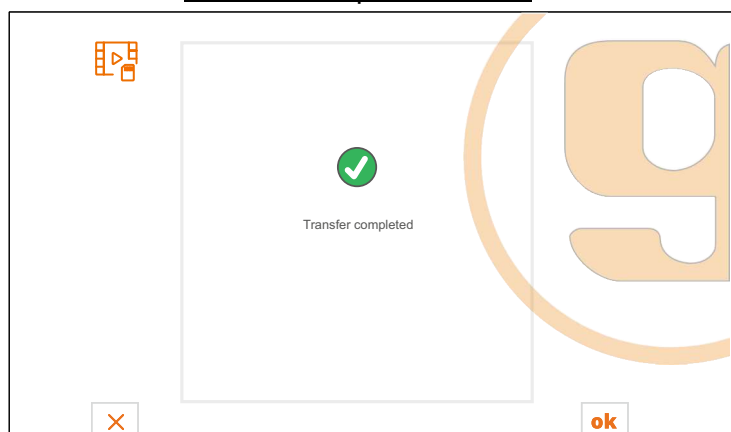
Continued from previous page.

SETTINGS MENU

Export all video messages:

To export all the video messages recorded on the monitor, select the option 🗗 with the help of the push button ▷ and press the push button 📞 to confirm. At the end of the configuration, press the push button ⚏ to exit and return to the settings menu.

Screen message recorded videos

Screen message recorded videos
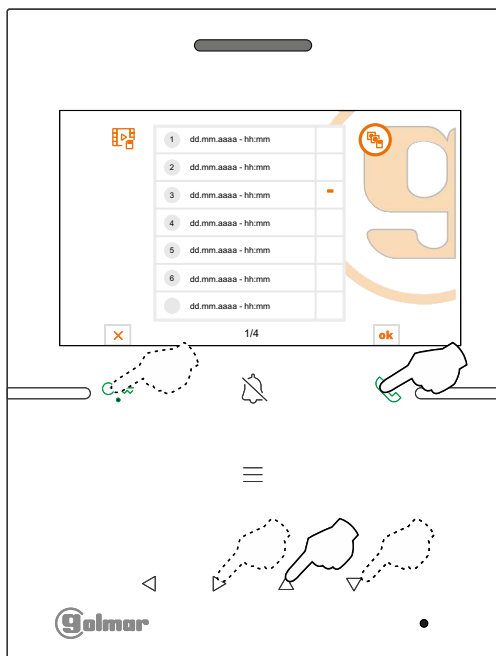
Transfer completed screen

Transfer completed
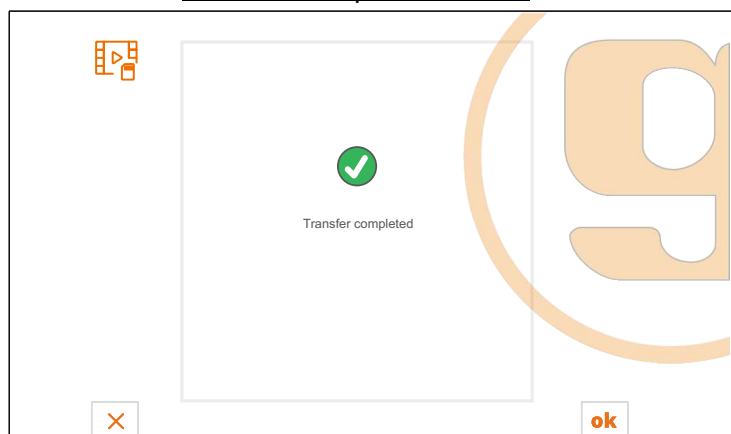
⚲ **SYSTEM INFO:** In the settings menu, select "system information" to view the monitor information, with the help of the buttons ▽/△ , press the button 📞 to access. The following information screen will be displayed (see page 30).

Settings menu
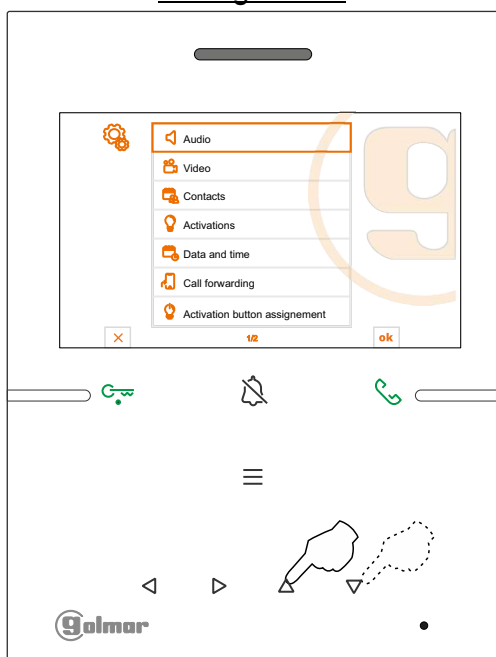
Settings menu
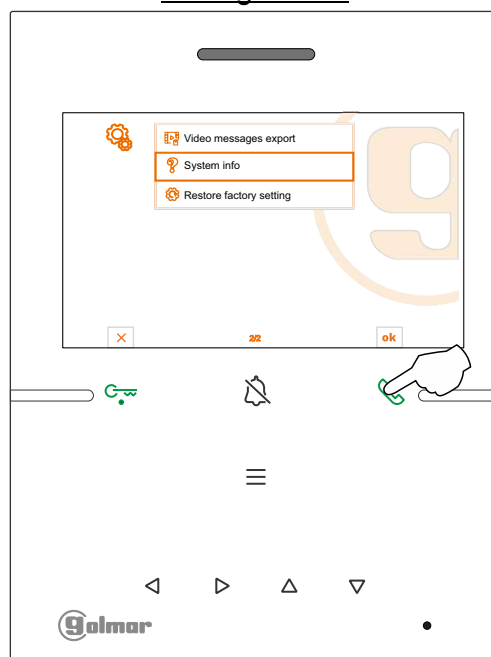
Continued from previous page.

SETTINGS MENU

Monitor information screen
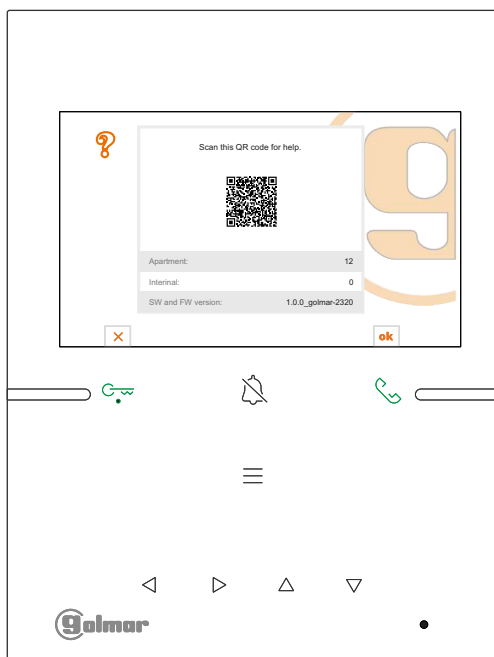
Monitor information screen
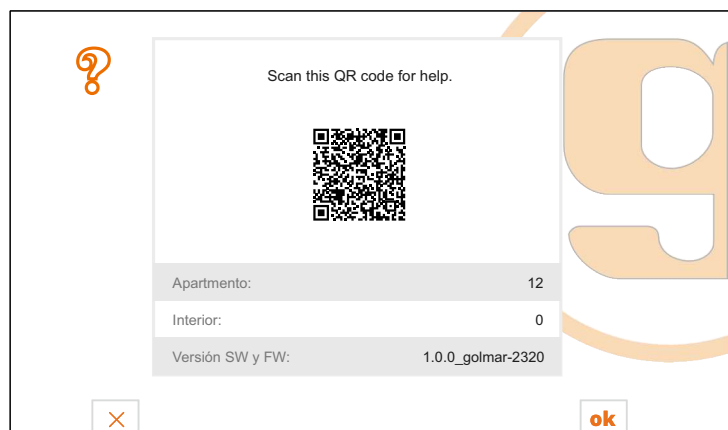
Apartament: Displays the address of the monitor/apartment in the backbone/building.

Internal: Displays the internal code of the monitor if it is master / slave.

SW and FW: Displays the software and firmware version of the monitor.

RESTORE FACTORY SETTING: In the settings menu, select "Restore factory setting" on the monitor, with the help of the buttons ▽/△ , press the button to enter. The following selection screen will be displayed (see page 31).

Settings menu
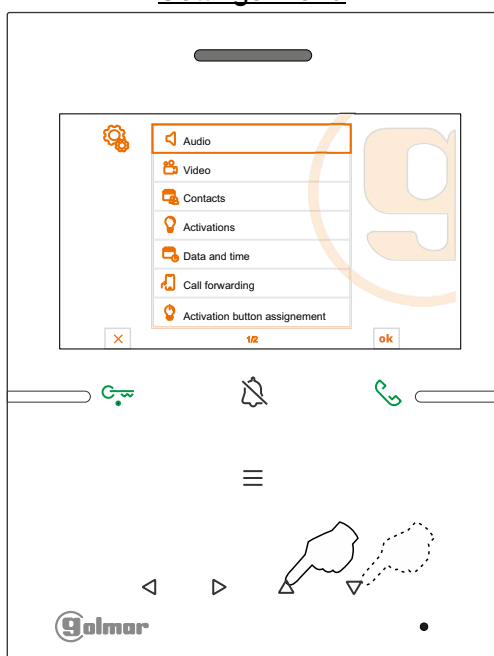
Settings menu
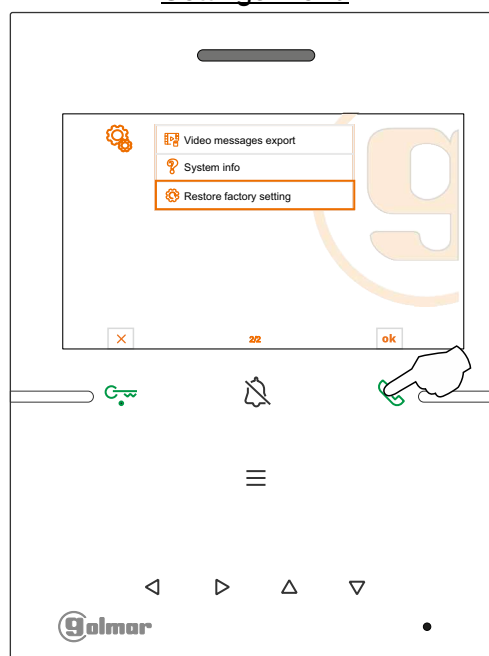
Continued from previous page.

SETTINGS MENU

Then, using the buttons ▽/△ you can select the option(s) of the monitor that you want to reset to factory settings. Once the selection has been made, press the push button ✆ to enable ticking✓/disable without ticking the reset to factory default the data on the option ticked ✓ . Press push button ▷ to select the icon ⚙ and confirm with push button ✆ to start factory default the data reset. Press the key ⚿ to cancel and return to the settings menu. Note: By default all options are enabled for factory data reset.

Reset screen
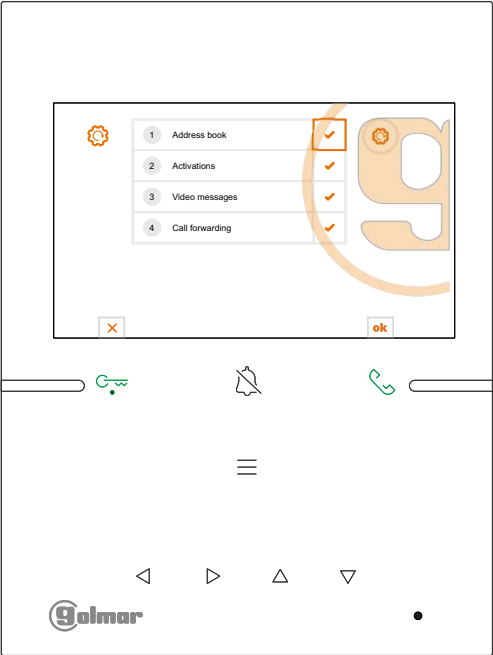
Reset screen
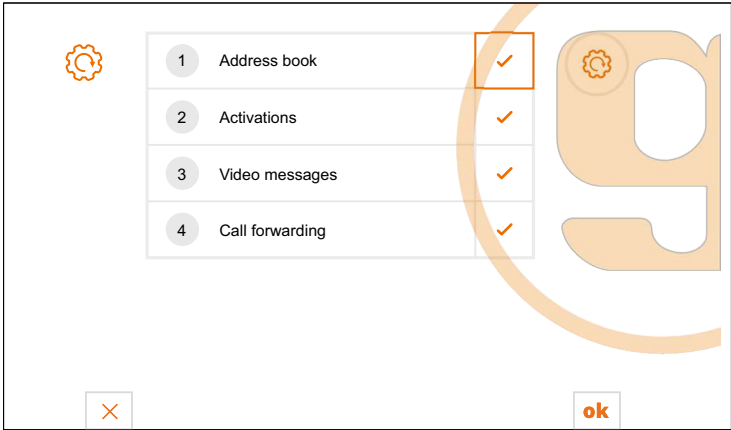
Screen with selected options for reset

Confirm reset screen

Restore factory default: Confirm?

"X" Cancel - "OK" ConfirmAceptar
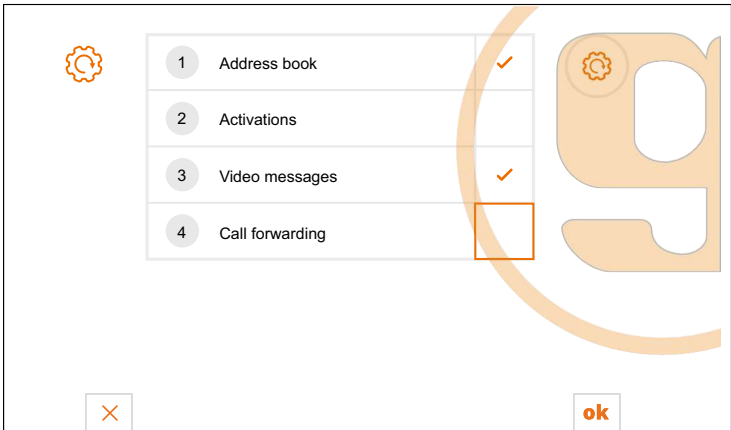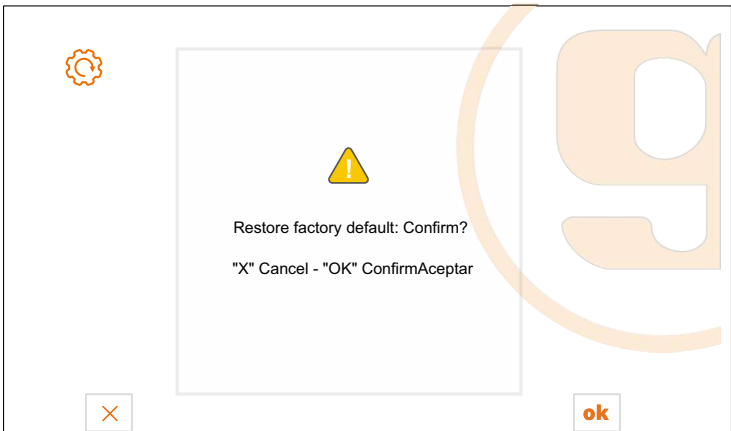
GENERAL DESCRIPTION TYPE OF INSTALLATION BUILDING/CONDOMINIUM (1 BUILDING)

The following describes the function depending on the configuration of the jumpers JP1 , JP2 and DIP1 of the microswitch SW1 (see page 7).

Performance	Installation typeTipo de instalación		
	Buiding (Default) (Power supply from system with WiFi always active)	**Condominium** (Power supply from system BUS with WiFi active after call forwarding)	**Local power** (Power supply from local power supply) unit)
Jumper and Dip-switches	JP1 JP2 SW1 n.1 = ON	JP1 JP2 SW1 n.1 = OFF	JP1 JP2 SW1 n.1 = ON

TYPES OF SYSTEM

Buiding with 1 main access and 1 column (without multiplexer)

LINE OUT

LINE IN

LINE 1

FA-Gtwin power supply

LINE 2

Access panel (main)
SW1 (ID) = 0

SW1 ON DIP 1 2 3 4 5   ON DIP 1 2 3 4 5 SW2
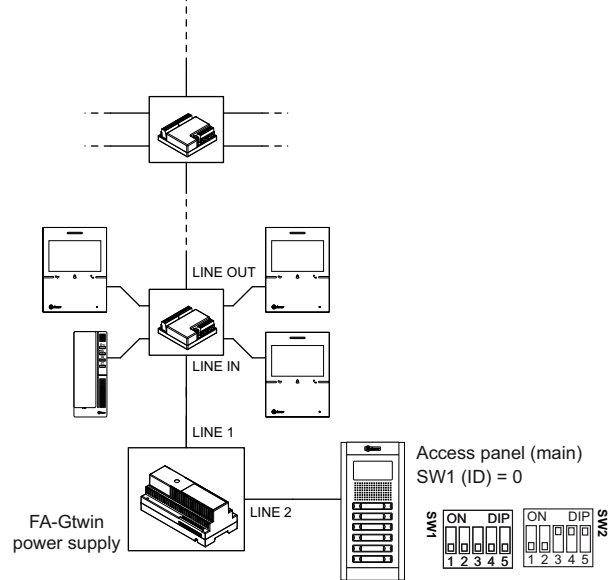
Buiding with 2 main accesses or 1 main and 1 secondary, maximum 4 columns (MC-Gtwin column multiplexer)

ON	OFF

LINE OUT

LINE IN

Door panel (main)
SW1 (ID) = 1

Secondary panel
SW1 (ID) = n
SW2 (AUX) dip 1 = ON
SW2 (AUX) dip 2 = ON

FA-Gtwin power supply

MC-Gtwin column multiplexer
ID = n

1 2 3 4 LINE

IN1

IN0

ó

Door panel (main)
SW1 (ID) = 0

Door panel (main)
SW1 (ID) = 0
SW2 (AUX) dip 1 = OFF
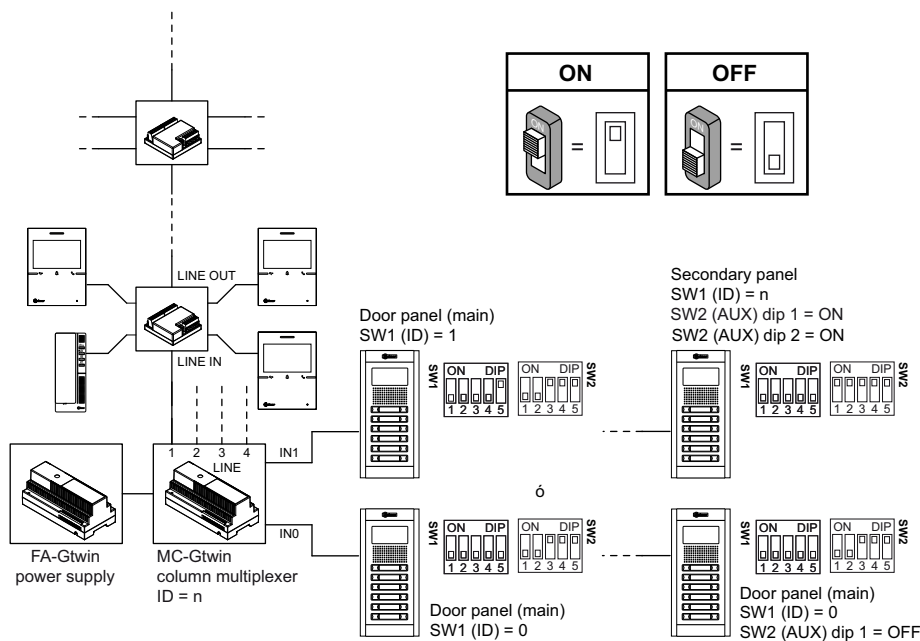
Continued from previous page.

Building with 4 main accesses and maximum 4 columns (1 DPM-Gtwin panel multiplexer)

LINE OUT

LINE IN

1   2   3   4
LINE

IN0   IN1   IN2   IN3

FA-Gtwin
Power supply

FA-Gtwin
Power supply

DPM-Gtwin panel multiplexer

FA-Gtwin
Power supply

SW1 (ID) = 0   SW1 (ID) = 1   SW1 (ID) = 2   SW1 (ID) = 3

Access panels (main)

SW1	SW2	SW1	SW2	SW1	SW2	SW1	SW2
ON DIP 1 2 3 4 5	ON DIP 1 2 3 4 5	ON DIP 1 2 3 4 5	ON DIP 1 2 3 4 5	ON DIP 1 2 3 4 5	ON DIP 1 2 3 4 5	ON DIP 1 2 3 4 5	ON DIP 1 2 3 4 5

ON	OFF
ON =	ON =
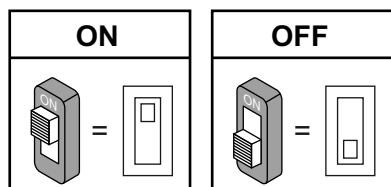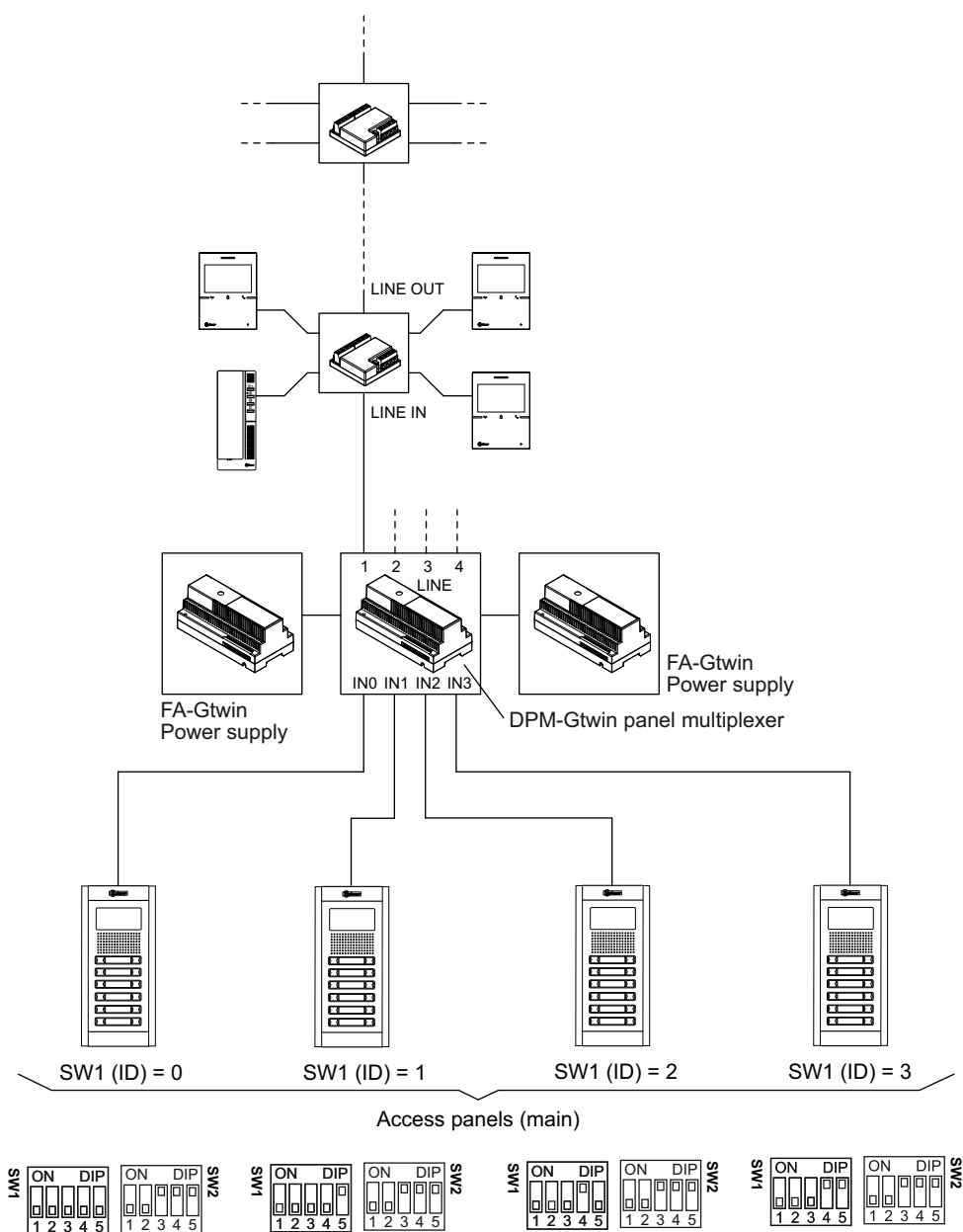
Continued from previous page.

INSTALLATION LIMITS OF ART 5W/GTWIN MONITOR WITH VIDEO DISTRIBUTORS

The maximum number of ART 5W/GTWIN monitors in a column /riser with video distributors is described below depending on the type of installation "Building or Condominium" with the same maximum distances.

FA-GTWIN or DPM-GTWIN
or distributor / MC-GTWIN
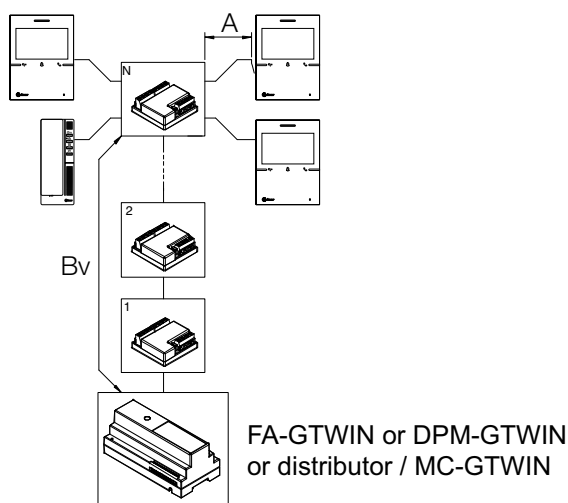
A = Distance between the D4L-Gtwin distributor and monitor/telephone.

Bv = Distance between the device (FA-Gtwin, MC-Gtwin o DPM-Gtwin) where the column/riser is connected and the furthest D4L-Gtwin distributor.

Systems with FA-Gtwin power supply

Type of systems

A	Column connected in: "FA-Gtwin" power supply with 1 access panel. or in 1 "DPM-Gtwin" access panel (powered by FA-Gtwin) with maximum 4 access panel.
B	Column connected in a "MC-Gtwin" column multiplexer (powered by "FA-Gtwin") with up to two access panel.

	No. of apartment ART 5W/Gtwin monitors					distance		
System type Cable	ART 5W with FA: "1723/22" (WiFi always active)	Building (Default) (Power supply from system BUS with WiFi always active)		Condominium (Power supply from system BUS with WiFi active after call forwarding)		A	Bv	A+Bv
	A - B	A	B	A	B			
RAP-GTWIN (for new installations)	127	24	16	100	72	50m	200m	200m
Ø 0,6mm telephone pair without sheath	64	14	12	64	56	50m	150m	150m
CAT5 UTP (one twisted pair)	64	10	8	36	32	50m	125m	125m
HVV05-F 1,5 mm^2 rubber covered	127	24	16	100	80	50m	125m	125m
1 mm^2 section single cable	32	24	16	100	60	50m	50m	75m

LÍMITES DE INSTALACIÓN DEL MONITOR ART 5W/GTWIN SIN DISTRIBUIDORES DE VIDEO EN (IN-OUT)

The maximum number of ART 5W/GTWIN monitors in a column /riser without video distributors in (in-out) is described below depending on the type of installation "Building or Condominium" with the same maximum distances.
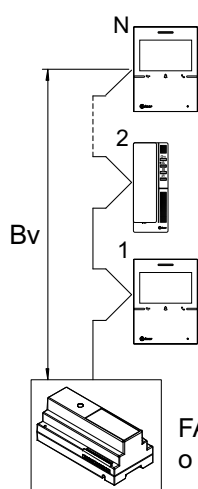
See table below: the type of system, the cable used and the max. no. of monitors/phones). per column / riser (Building).
Please note: Installation without distributors (IN-OUT), max. 32 monitors / telephones per column / riser (Building).

FA-Gtwin o DPM-Gtwin o distributor / MC-Gtwin

Bv = Distance between the device (FA-Gtwin, MC-Gtwin o DPM-Gtwin) where the column/riser is connected and the furthest monitor / telephone.

Systems with FA-Gtwin power supply

Type of systems

A	Column connected in: "FA-Gtwin" power supply with 1 access panel. or in 1 "DPM-Gtwin" access panel (powered by FA-Gtwin) with maximum 4 access panel.
B	Column connected in a "MC-Gtwin" column multiplexer (powered by "FA-Gtwin") with up to two access panel.

	No. of apartment ART 5W/Gtwin monitors					distance
	ART 5W with FA: "1723/22" (WiFi always active)	Building (Default) (Power supply from system BUS with WiFi always active)		Condominium (Power supply from system BUS with WiFi active after call forwarding)		Bv
Cable \ System type	A - B	A	B	A	B	
RAP-GTWIN (for new installations)	32	24	16	32	32	200m
Ø 0,6mm telephone pair without sheath	32	14	12	32	32	190m
CAT5 UTP (one twisted pair)	32	10	8	24	20	190m
HVV05-F 1,5 mm^2 rubber covered	32	24	16	32	32	150m
1 mm^2 section single cable	32	24	16	32	32	100m

OPTIONAL CONNECTIONS

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

JP3 end of line jumper, is located at the back of the monitor. Leave the JP3 jumper inserted on the left on the monitors where the bus cable end. Insert the jumper JP3 to the right only on the intermediate monitors.

Note: *All monitors must have the same apartment call code. The internal code of the Master monitor must be equal to 0.*
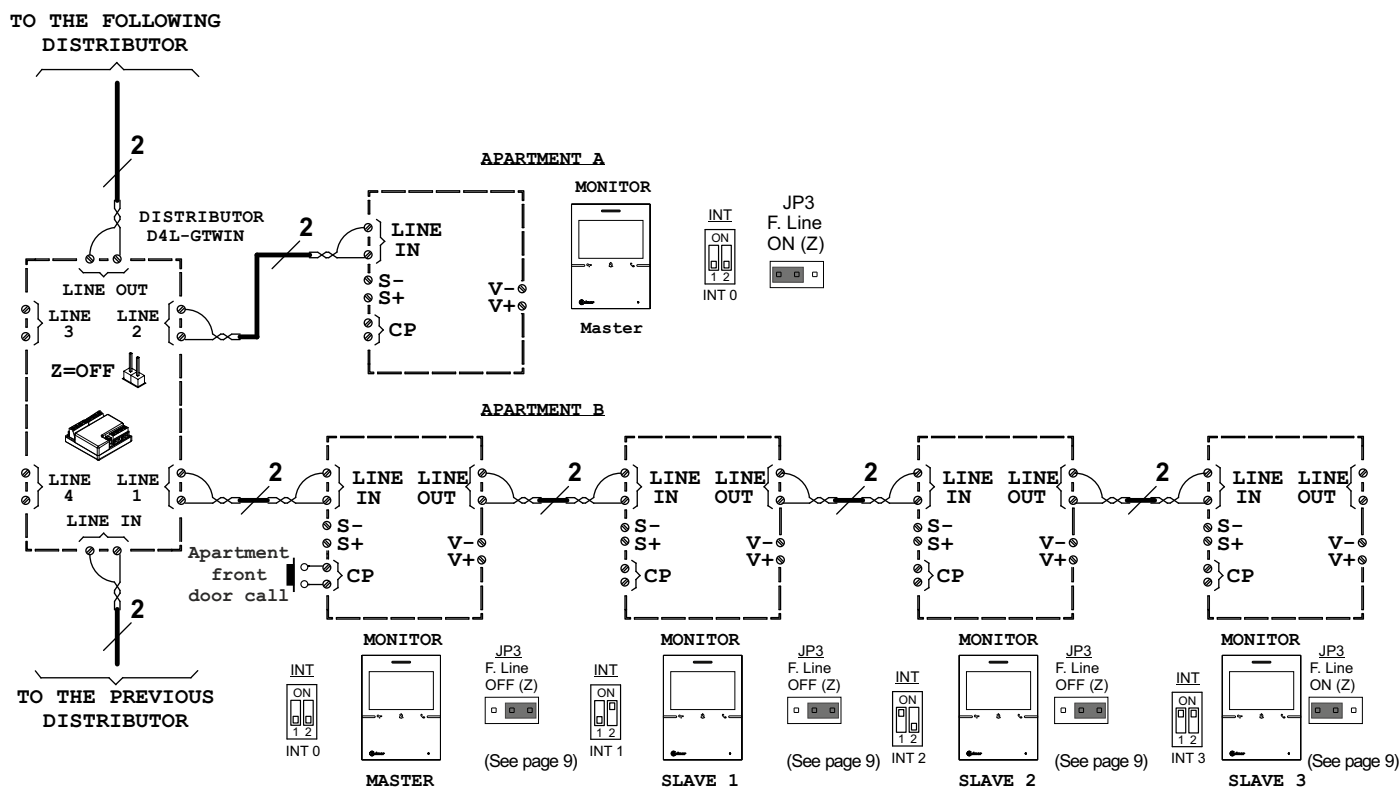
Button for receiving calls from the apartment front door:

The ART 5W/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.

ART 5W/Gtwin
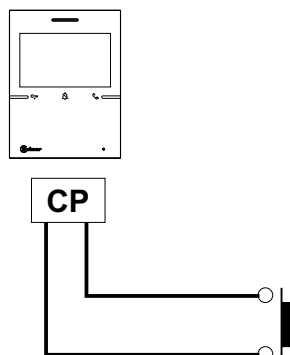
Continued from previous page.
OPTIONAL CONNECTIONS

Additional call repeater (SAV-GTWIN tritonal call repeater required):
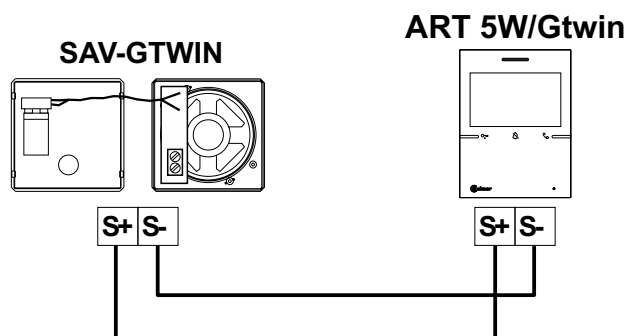
Note: If the monitor where the additional call repeater is connected has no ringtone ("do not disturb" mode), the call repeater will play the ringtones from "CP" push button, see page 36.

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 W1, 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.

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

(2) To connect the TF-104 transformer to the filter and line protector, see the TGTWIN SYSTEM MANUAL, p. 44.

WIRING DIAGRAMS
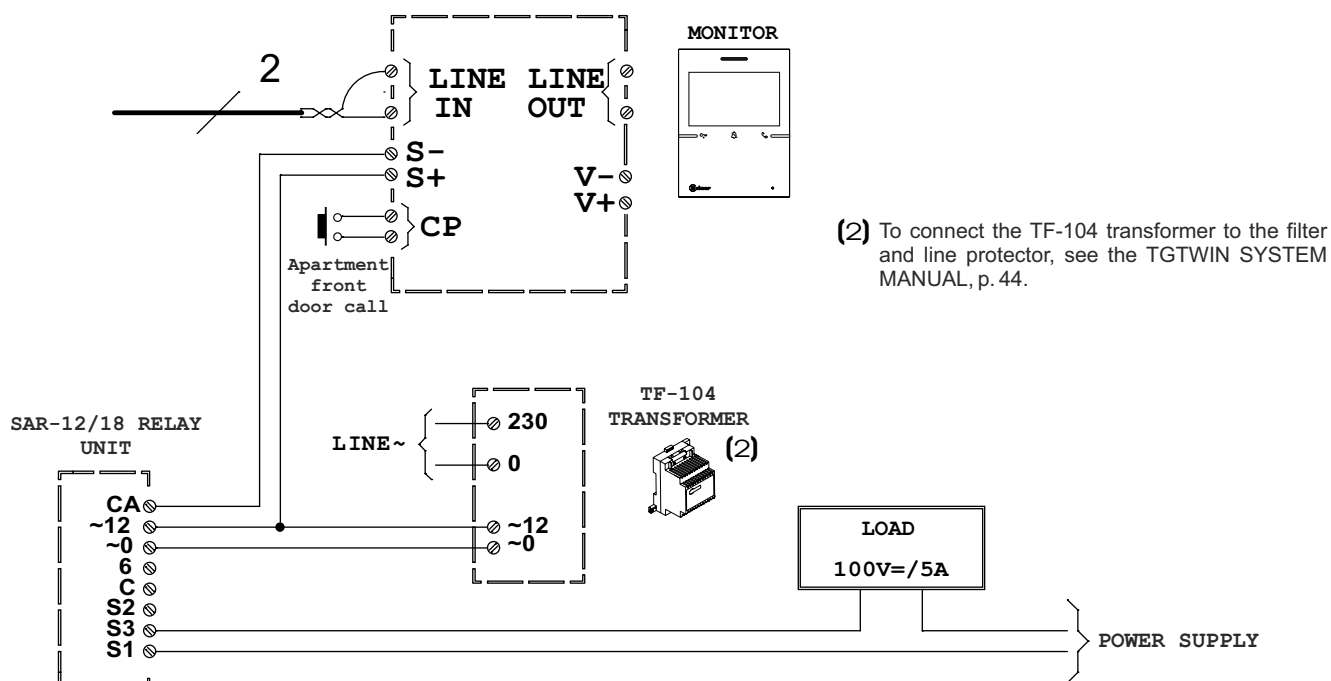
A building with 1 column of up to 127 WiFi activated monitors, a 1723/22 transformer connected to each of the ART 5W monitors and 1 video main panel (push buttons).

(∗) Remove the jumper from all of the distributors except the last.

(1) Configuration of the SAV-GTWIN call repeater, see p. 37.

(2) To connect the FA-Gtwin power supply to the filter and line protector, see the TGTWIN SYSTEM MANUAL, p. 44.

(3) To connect the secondary AC lock release (Golmar), see the TGTWIN SYSTEM MANUAL, p. 45.

(4) Transformer 1723/22 connected to all ART 5W master monitors, allows up to 127 ART 5W monitors with activated Wifi, see page 32 and 34.

(4)

Local power
(Power supply from local power supply unit)

JP1

JP2

SW1 No.1
(see page 32)   **ON**

Please note: Push-button panel up to 122 apartments.

Important:
For further information about the cross-sections, distances and no. max. of ART 5W monitors see page 34. For the door panel and other wiring diagrams, etc., (see manual "TGTWIN MANUAL SISTEMA"). https://doc.golmar.es/search/manual/50122345

CLEANING THE MONITOR

- 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.

- **Reminder:** Use the function ✎ "clear screen" in the main menu of the monitor (see page 12). It temporarily (30 seconds) overrides the push buttons on the front of the monitor. If the "clear screen" function is activated when a call is received, the monitor exits the "clear screen" function to allow the call to be answered.
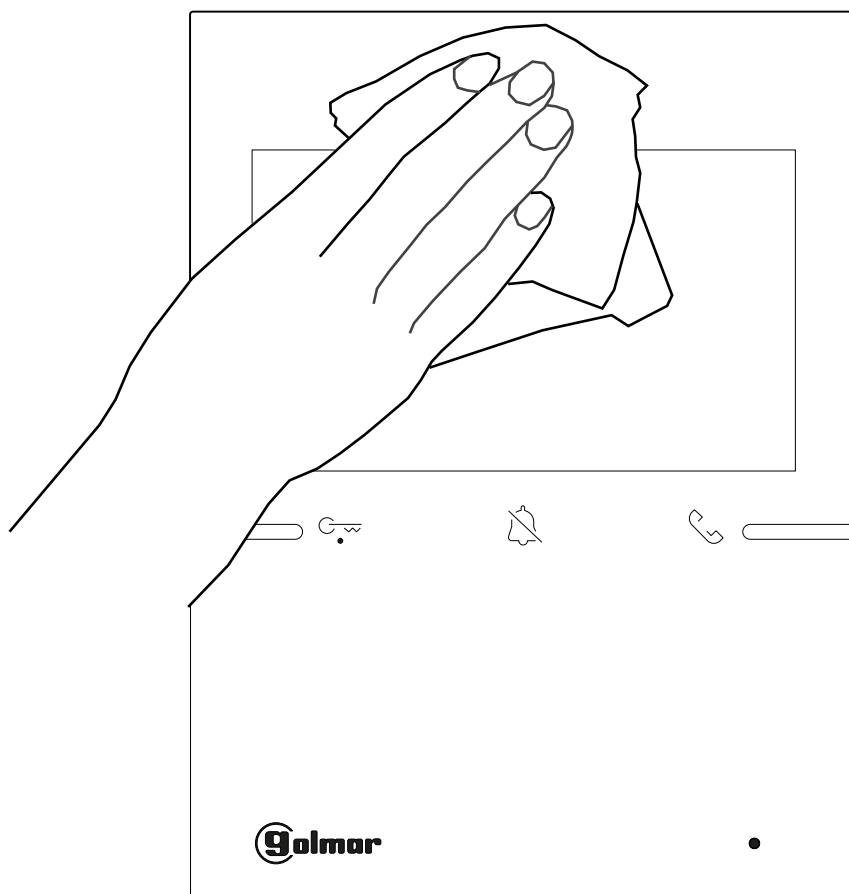
NOTES

CONFORMIDAD

Este producto es conforme con las disposiciones de las Directivas Europeas aplicables respecto a Equipos de Radio *2014/53/CEE* y la Compatibilidad Electromagnética *2014/30/CEE.*

This product meets the essentials requirements of applicable European Directives regarding Radio Equipment ***2014/53/ECC*** *and 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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