

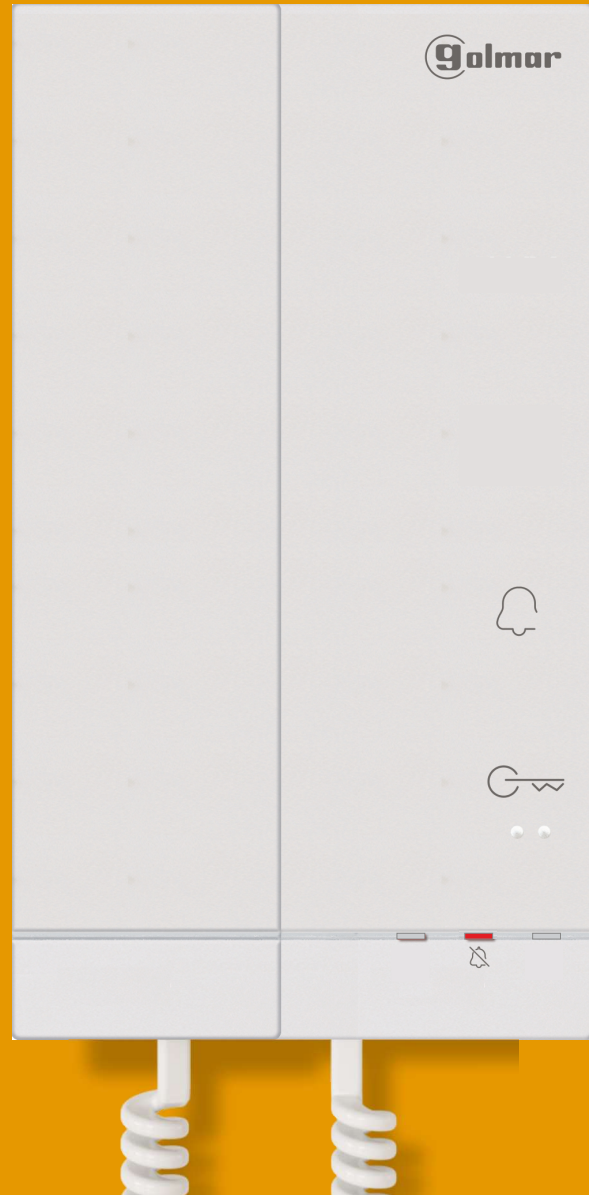


TECHNOLOGY

USER MANUAL



T-ART LITE/G2+ TELEPHONE



INTRODUCTION

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

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

- **Always disconnect the power supply** before making modifications to the device.
- The fitting and handling of these devices must be carried out by **authorised personnel**.
- The wiring must run at least **40cm away from any other wiring**.
- Do not overtighten the screws on the connector.
- Install the T-ART LITE/G2+ telephone 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 & T-ART LITE/G2+ telephones.
- Always follow the instructions contained in this manual.

CHARACTERISTICS

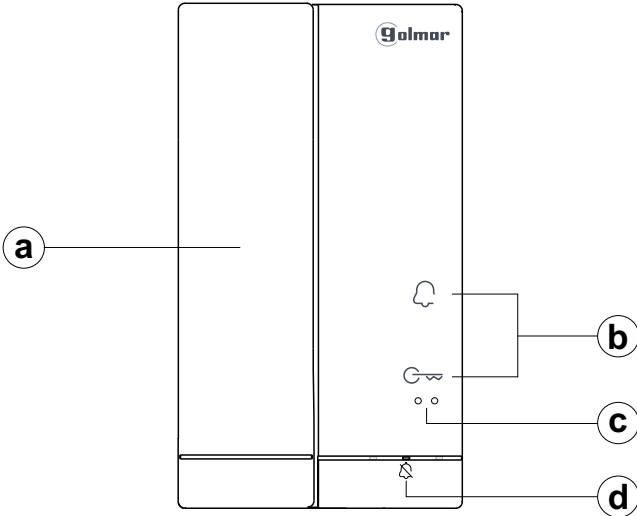
- T-ART LITE/G2+ telephone with simplified installation (non-polarised 2 wire bus).
- Up to 4 T-ART LITE/G2+ telephones/monitors per apartment (master, slave 1, slave 2 and slave 3).
- Up to 32 apartments/T-ART LITE/G2+ telephones in mixed installations with monitors (**EL632 G2+ SE module**).
- Up to 128 apartments/T-ART LITE/G2+ telephones per installation (**EL642 G2+ sound module required**).
- Completely private conversation.
- Call reception volume control: min, med, max and off (do not disturb).
- Audio volume control during communication process (4 different levels).
- "HZ" input for calls from apartment front door.
- Output to auxiliary call repeater (maximum 50mA/12Vdc).
- Up to 6 different ringtones to identify the origin of the call (door panel, intercom, guard monitor or front door of the apartment).
- Button  for lock release 1 & lock release 2 activation/ activate- deactivate "Doctor mode"/ call to guard monitor (if exist).
- Button  volume adjustment, "do not disturb" mode for tone call volume control, / configuring ringtones/ communication call volume control (T-ART LITE/G2+ speaker).
- DIP switches for setting the telephone's address (call code), master/slave and end of line.

SYSTEM OPERATION

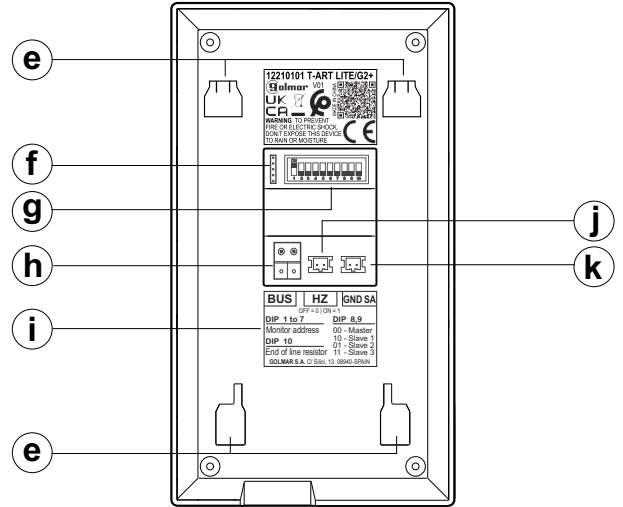
- To make a call, the visitor needs to press the button for the apartment, an audible tone indicates that the call is being made and LED  on the door panel illuminates. If vocal synthesis is enabled, a 'Call is in progress' message appears indicating that a call is being made. At this moment, the apartment's telephone(s) receives the call. If another apartment is called by mistake, press the button for the correct apartment and the first call will be cancelled.
- Upon receiving the call, tones will be heard on the telephone(s) in the apartment. If the call is not answered within 45 seconds, the door panel's LED  will turn off, and the channel will be freed.
- To establish communication, lift the handset on any telephone in the apartment. Door panel's LED  will turn off, the led  will turn on.
- Communication will last for one and a half minutes or until the handset is replaced. When communication has finished, door panel's LED  will turn off and the channel will be freed. If vocal synthesis is enabled, a 'Communication is finished' message will indicate that the call is over.
- To open the door, short press button  (if it exists and, to open the second door, press button  for 3 seconds) during the call or communication processes: one press activates the lock release for 3 seconds and LED  on the door panel will also illuminate for 3 seconds. If vocal synthesis is enabled, a 'Door is open' message will be indicated on the door panel.
- Description of the function buttons can be found on p. 4.

TELEPHONE DESCRIPTION:

Description:



- a. Handset.
- b. Function push buttons.
- c. Raised dots for the visually impaired people.
 In call/ communication:
 ●● Above these raised dots is the "Door opening" button.
- d. Status Led "Do not disturb" mode..



- e. Wall mounting connector fixing (x4).
- f. Gol,ar use.
- g. Configuration switches.
- h. Bus connection terminals.
- i. Label.
- j. Apartment front door button input "HZ".
- k. Auxiliary call repeater output (máx. 50mA/12Vdc).

Funtion push button:

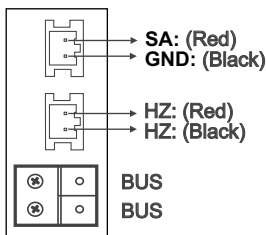
In standby: Handset off hook, a 5 second press activates the "do not disturb mode", the status led will flash (red). **In standby:** Handset on hook, a short press ends 'do not disturb mode', the status LED will turn off. **In standby:** Handset off hook, a short press allows you to listen to the current call tone volume or to end the 'do not disturb mode', each short press switches to the next volume level (min/med/max). **In standby:** Handset hung up, a short press of 5 seconds changes the ringing tone. In call: A short press mutes the ring tone and deactivates the 'SA' output. In communication: Each short press adjusts (between 4 levels) the volume of the telephone loudspeaker (see pages 9-10).

In standby: Handset on hook/off hook, a short press activates door release 1 and a 3 second press activates door release 2. **In standby:** Handset on hook/off hook, an 8 second press activates 'automatic door release' mode (3 beeps will be heard) or deactivates 'automatic door release' mode (1 beep will be heard), (see pages 9-10). **In standby:** Handset off hook, short press to call 'Guard' monitor (if available), see pages 9-10.

Funtion status LED:

- "Do not disturb" mode: LED flashes (red color).

Description connection terminals:



BUS, BUS: Communication BUS (non-polarised).
 SA, GND: Auxiliary call repeater output (max 50mA/12Vdc), relay SAR-12/24.
 HZ, HZ: Apartment front door button input:
 Connect only on the master monitor. The signal received is then transmitted to the slave telephones in the same apartment through the BUS.

Label product:



Note: HZ push button function mode: When HZ push button is pressed will be call tone and activate the output of auxiliary call repeater with standby telephone, call process, communication process (HZ tone with lower audio level), intercom process and "Do not disturb" mode. **Important:** Up to 8 telephones/ apartments with push button "HZ" activated at the same time (with system and telephones in standby).

TELEPHONE DESCRIPTION:

Description of the DIP switch and configuration of the T-ART LITE/G2+ telephone address (code):

Building / Villa (Nexa door panel)

Dip1-Dip7: Sets the telephones address (addresses 1 to 128). **Note:** Mixed installations with monitors (addresses 1 to 32). The switches set to OFF have a zero value. The values of the switches set to ON are shown in the table below. The telephone code is the sum of the values of the switches set to ON.

Important:

Apartment 1 (Dip1 to ON & Dip2-Dip7 to OFF)
 Apartment 128 (Dip1-Dip7 to OFF)

Table of values

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



Example: 0+0+4+0+16+0+0= 20

Dip8-Dip9: These define whether the telephone is master or slave. Each apartment must have only one master telephone.

Master



Slave 1



Slave 2



Slave 3



Dip10: Configures the end of line. In installations with telephones only, it must always be in the OFF position. In mixed installations of monitors with T-ART LITE/G2+ telephones in the same apartment, set to ON for the telephones in which the BUS cable ends and leave in the OFF position for intermediate telephones.

IMPORTANT: T-ART LITE/G2+ telephone in **Villa installation with SOUL door panel**, see corresponding Kit Soul user manual for Kit features as maximum number of apartments and monitors/ T-ART LITE/ G2+ telephone.

Configuration of T-ART LITE/G2+ telephone address codes (up to 128 addresses):

Important:

- Up to 32 apartments/T-ART telephones in mixed installations with monitors (**EL632 G2+ SE module**).
- Up to 128 apartments/T-ART telephones per installation (**EL642 G2+ sound module required**).

Dip1 a Dip7: To configure the T-ART LITE/G2+ telephone/apartment address (up to 128 addresses).

Apartment code 1



Apartment code 2



Apartment code 3



Apartment code 4



Apartment code 5



Apartment code 6



Apartment code 7



Apartment code 8



Apartment code 9



Apartment code 10



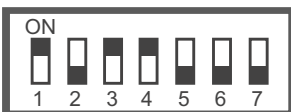
Apartment code 11



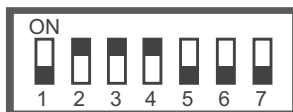
Apartment code 12



Apartment code 13



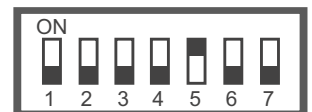
Apartment code 14



Apartment code 15



Apartment code 16



Apartment code 17



Apartment code 18



Apartment code 19



Apartment code 20



TELEPHONE DESCRIPTION:

Continued from previous page.

Apartment code 21



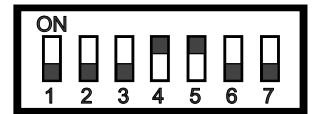
Apartment code 22



Apartment code 23



Apartment code 24



Apartment code 25



Apartment code 26



Apartment code 27



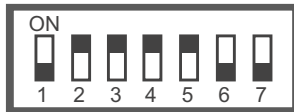
Apartment code 28



Apartment code 29



Apartment code 30



Apartment code 31



Apartment code 32



Apartment code 33



Apartment code 34



Apartment code 35



Apartment code 36



Apartment code 37



Apartment code 38



Apartment code 39



Apartment code 40



Apartment code 41



Apartment code 42



Apartment code 43



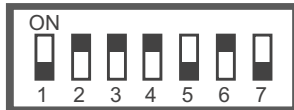
Apartment code 44



Apartment code 45



Apartment code 46



Apartment code 47



Apartment code 48



Apartment code 49



Apartment code 50



Apartment code 51



Apartment code 52



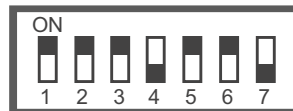
Apartment code 53



Apartment code 54



Apartment code 55



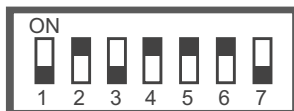
Apartment code 56



Apartment code 57



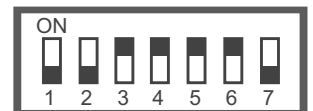
Apartment code 58



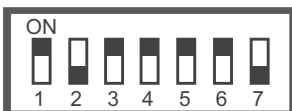
Apartment code 59



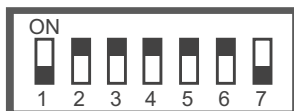
Apartment code 60



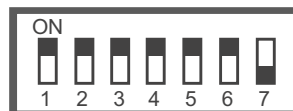
Apartment code 61



Apartment code 62



Apartment code 63



Apartment code 64



Continued overleaf

TELEPHONE DESCRIPTION:

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Apartment code 65



Apartment code 66



Apartment code 67



Apartment code 68



Apartment code 69



Apartment code 70



Apartment code 71



Apartment code 72



Apartment code 73



Apartment code 74



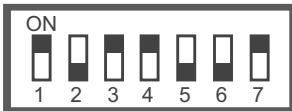
Apartment code 75



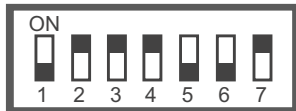
Apartment code 76



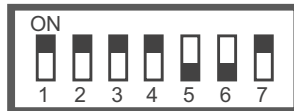
Apartment code 77



Apartment code 78



Apartment code 79



Apartment code 80



Apartment code 81



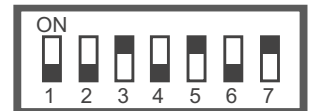
Apartment code 82



Apartment code 83



Apartment code 84



Apartment code 85



Apartment code 86



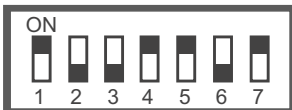
Apartment code 87



Apartment code 88



Apartment code 89



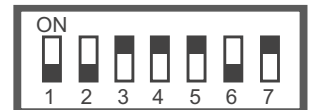
Apartment code 90



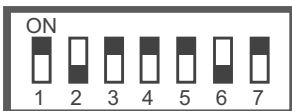
Apartment code 91



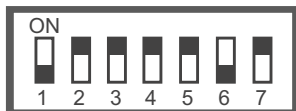
Apartment code 92



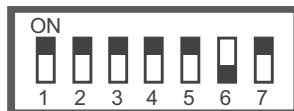
Apartment code 93



Apartment code 94



Apartment code 95



Apartment code 96



Apartment code 97



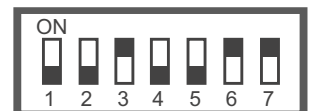
Apartment code 98



Apartment code 99



Apartment code 100



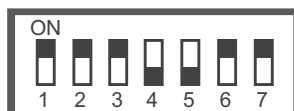
Apartment code 101



Apartment code 102



Apartment code 103



Apartment code 104



Apartment code 105



Apartment code 106



Apartment code 107



Apartment code 108



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TELEPHONE DESCRIPTION:

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Apartment code 109



Apartment code 110



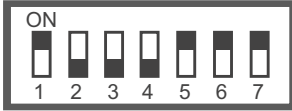
Apartment code 111



Apartment code 112



Apartment code 113



Apartment code 114



Apartment code 115



Apartment code 116



Apartment code 117



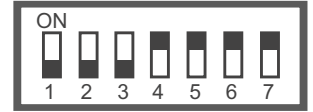
Apartment code 118



Apartment code 119



Apartment code 120



Apartment code 121



Apartment code 122



Apartment code 123



Apartment code 124



Apartment code 125



Apartment code 126



Apartment code 127



Apartment code 128




TELEPHONE DESCRIPTION:


“Automatic door opening” mode:

The T-ART LITE/G2+ telephone allows you to activate/deactivate the "automatic door opening" mode.


Activate "automatic door opening" mode:


With the telephone in standby mode (handset on or off the hook), press the button  for 8 sec., 3 confirmation beeps will be heard, indicating that the "automatic door opening" mode has been activated, (within 3 seconds of a call from the panel).

Deactivate "automatic door opening" mode



With the telephone in standby mode (handset on or off the hook), press the push button  for 8 seconds, 1 confirmation beep will be heard, indicating that the 'automatic door opening' mode has been deactivated.



Setting audio volume in the telephone:

The telephone allows you to change the volume of the audio in the speaker of the communicating telephone (between 4 levels from minimum to maximum in carousel mode) through the function button .


The telephone must be in communication, a short press on the button , allows to change the audio volume on the telephone speaker, each short press reproduces the selected volume (between 4 levels from minimum to maximum and in carousel mode), stop pressing once the desired volume level is selected on the telephone. When communication has finished, the selected volume will be saved in the telephone.

Activate / deactivate el modo “do not disturb” mode function:

-**Activate 'do not disturb' mode:** With the telephone in standby and the handset off hook, a 5 second press on the push button  activates the 'do not disturb' mode, 1 beep will be heard and the status LED  will flash (red) indicating that the telephone is in 'do not disturb' mode. The phone will not ring when receiving an incoming call (see note 'HZ' on page 4).


-**Deactivate 'do not disturb' mode:** With the telephone in standby mode and the handset hung up, a short press on the push button  deactivates the 'do not disturb' mode, and the status LED  will turn off.

Setting call tone volume:



The phone must be in standby mode and the handset must be off hook to adjust the volume of the call tone. A short press on the push button  allows you to listen to the current call tone volume (or to end if the 'do not disturb' mode was activated), each short press changes to the next volume level (minimum/medium/maximum).



Configuratiion and selection of the call tone:

The telephone must be in standby mode and the handset on hook for configuration and selection of the desired ring tone.

To change the ring tones, press the push button  for 5 seconds until you hear 2 confirmation tones indicating that the telephone is in configuration mode. Once we are in configuration mode, it will allow us to change the door panel ring tone (between 6 different ring tones and in carousel mode):



- The ring tone to change will be for the door panel calls:



1- Select a ring tone for door panel calls by short pressing the push button , each short press on the push button  plays a different ring tone, stop pressing once the desired "door panel" ring tone has been selected on the telephone.

2- Short press the push button  to confirm the ring tone and then choose the ring tone for "HZ" (landing door bell) or press the push button  for 5 seconds to confirm the ring tone and exit programming, 2 beeps will be heard to confirm that the telephone exits programming.

3- If no operation is carried out for 10 seconds, the changes will not be saved and the telephone will exit programming. You will hear 2 beeps to confirm that the phone exits programming.

- Next, the ring tone to be changed will be for HZ calls:

1- Select a ring tone for HZ calls by short pressing the push button , each short press on the push button  plays a different ring tone, stop pressing once the desired "HZ" (landing door bell) ring tone has been selected on the telephone.

2- Short press the push button  to confirm the ring tone and then choose the ring tone for Guard monitor or press the push button  for 5 seconds to confirm the ring tone and exit programming, 2 beeps will be heard to confirm that the telephone exits programming.




3- If no operation is performed for 10 seconds, the changes will not be saved and the phone will exit programming. You will hear 2 beeps to confirm that the phone exits programming.

TELEPHONE DESCRIPTION:

Continued from previous page.



Configuration & selection of the call tone:

- Then the ring tone to be changed will be for Monitor Guard calls:


- 1- Select a ring tone for door panel calls by short pressing the push button , each short press on the push button  plays a different ring tone, stop pressing once the desired 'monitor guard' ring tone is selected on the telephone.
 - 2- Press the push button  for 5 seconds to confirm the ring tone and exit programming, 2 beeps will be heard to confirm that the telephone is exiting programming.
 - 3- If no operation is made for 10 seconds, the changes will not be saved and the phone will exit programming. 2 beeps will be heard to confirm that the phone exits programming.
- Make a call to check that the phone has been configured with the desired ring tones.

Tones, volume call tones & automatic door opening mode to default value:

The T-ART LITE/G2+ telephone allows you to restore the tones, the volume of the call tones and the automatic door opening mode to the 'default value'.

With the telephone in standby mode and the handset on hook, press the push button  for 5 seconds, 2 confirmation beeps will be heard, then press the push button  for 5 seconds, 4 confirmation beeps will be heard, indicating that the tones, the volume of the call tones and the "automatic door opening" mode on the telephone have been restored to the default value.

Cancel the 'call forwarding' process or 'communication' with door panel from G2Call+ App:

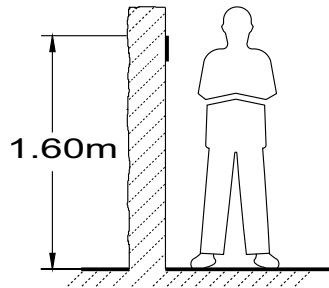
- If a call is made from the door panel to an apartment of a mixed video door entry system (ART 7W/G2+ monitors and T-ART LITE/G2+ telephones in the same apartment) and the ART 7W/G2+ monitor has "call forwarding" configured and activated; from an T-ART LITE/G2+ telephone in the same apartment, you can cancel the process of "call forwarding" to an smartphone by picking up the telephone handset (information about this function, see the TART 7W G2+ manual).
- If smartphone is in communication with door panel from G2Call+ App, you can cancel the communication process to an smartphone by pressing the button  on the telephone for more than 3 seconds (information about this function, see the TART 7W G2+ manual).

INSTALLING THE TELEPHONE IN A WALL MOUNTING CONNECTOR:

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

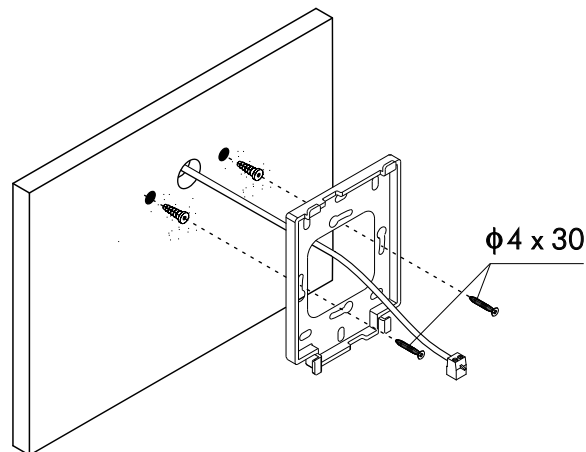
Positioning the wall mounting connector:

The top of the wall mounting connector should be located at a height of 1.60m from the ground. The minimum distance between the wall mounting connector and the closest object must be 5 cm.



Fixing the telephone's wall mounting connector to the wall:

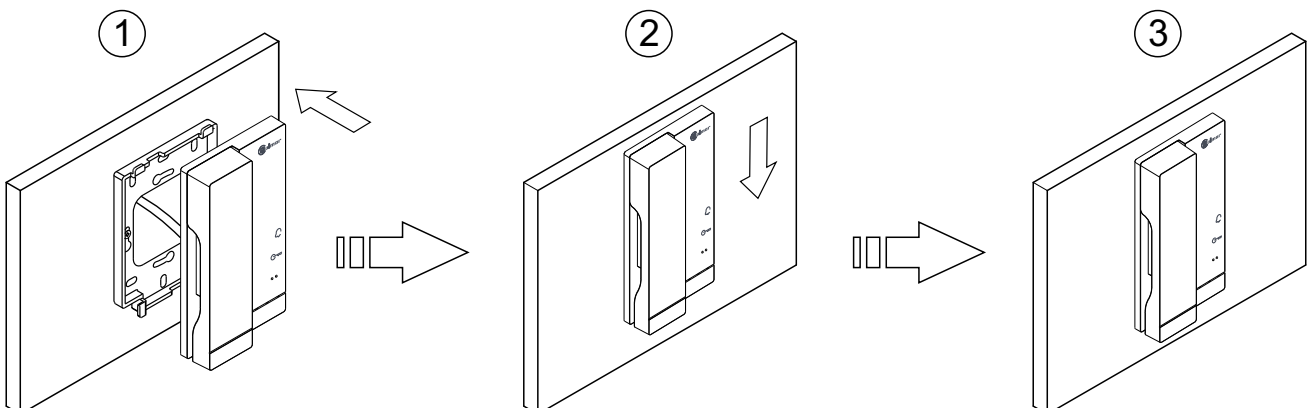
Fix the telephone's wall mounting connector to the wall by drilling two 6mm diameter holes and using the screws and plugs supplied with the telephone.



Positioning the telephone:

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

Remember to remove the protective covering from the front of the telephone once installation has been completed.

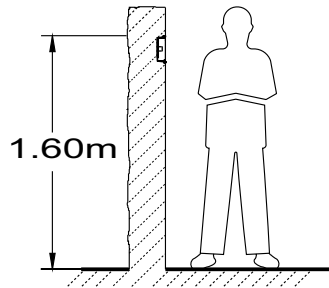


INSTALLATION OF THE TELEPHONE IN AN EMBEDDING BOX:

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

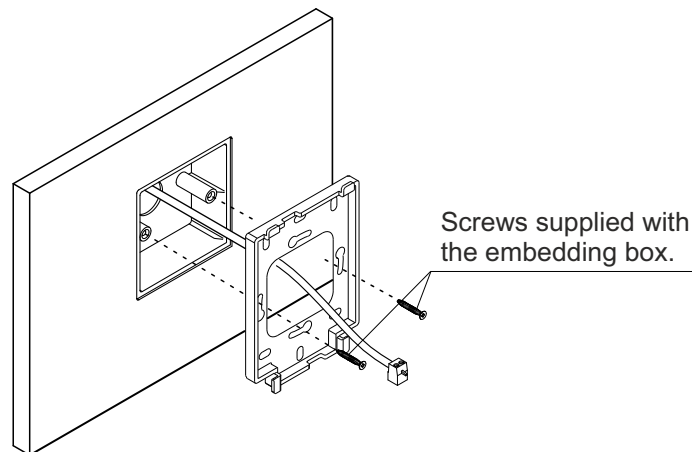
Positioning the embedding box:

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:

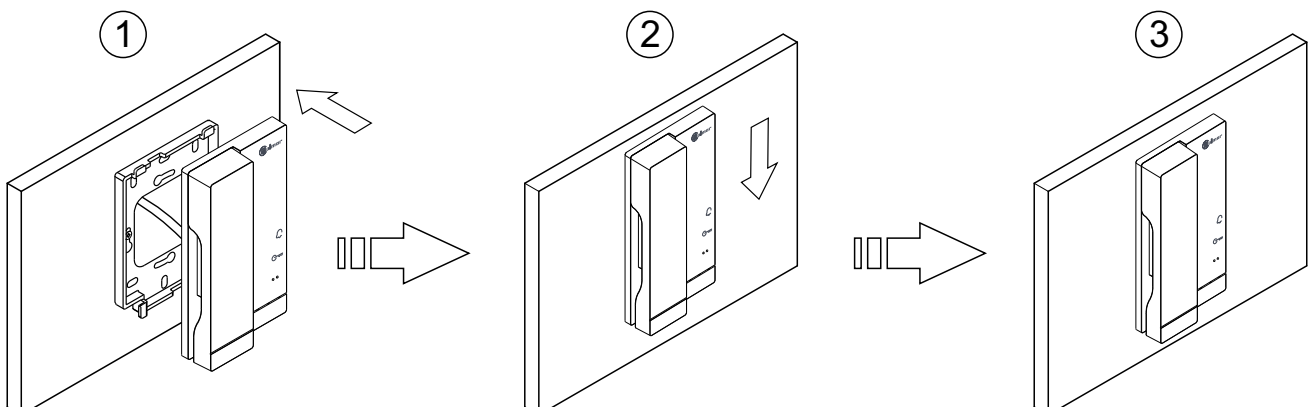
Pass the cable through the hole made in the embedding box. Embed the box and ensure that it is level and flush. Fix the wall mounting connector of the telephone to the embedding box with the screws supplied.



Positioning the telephone:

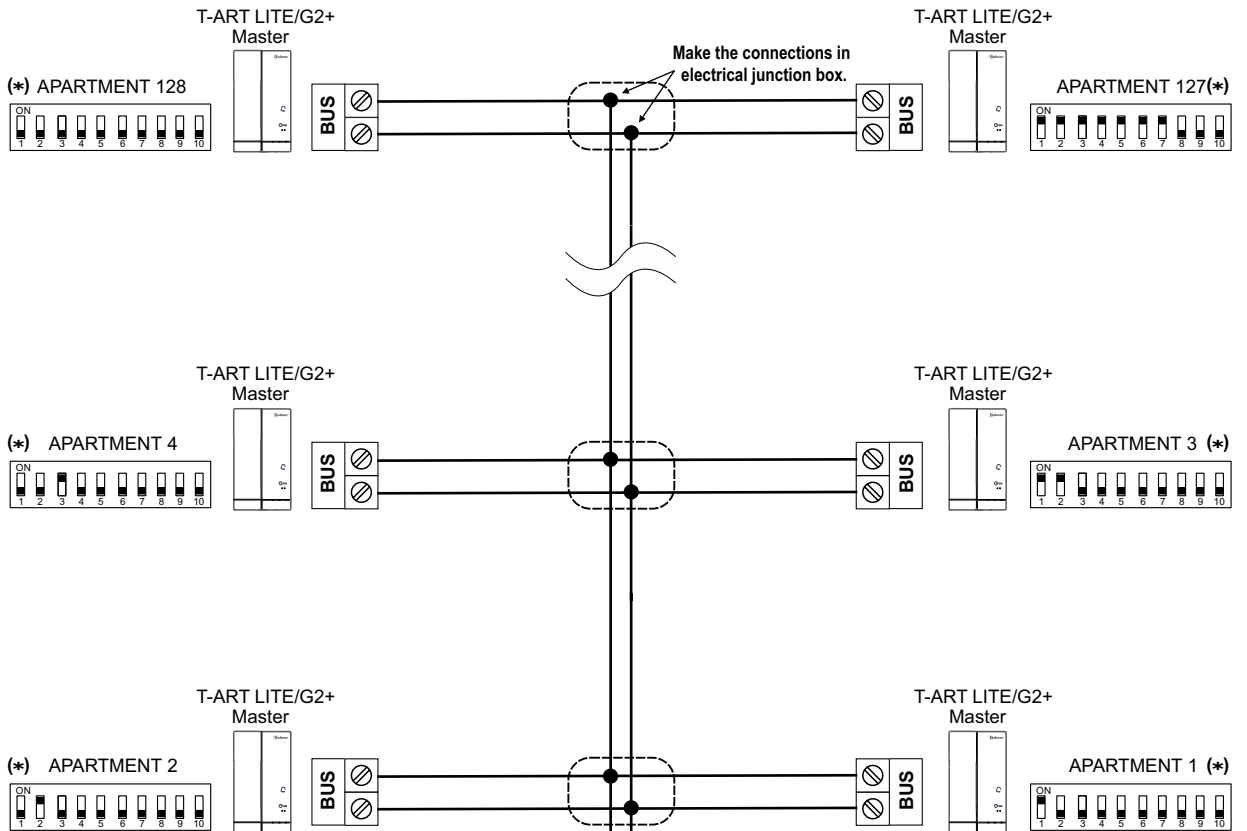
Connect the cables to the telephone (see p. 4), position the telephone in front of the wall mounting connector, ensuring that the holes in the base of the telephone line up with those on the connector ①, and then move the telephone downwards ② until the telephone is securely fixed to the connector ③.

Remember to remove the protective covering from the front of the telephone once installation has been completed.

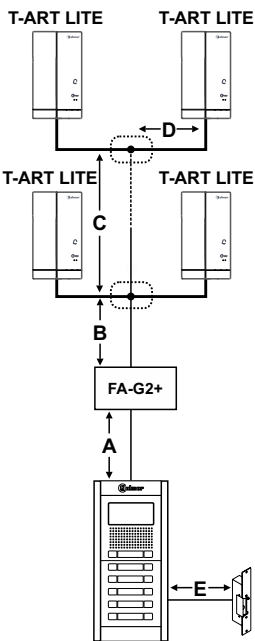


WIRING DIAGRAMS:

Audio door entry system with 128 apartments / T-ART LITE/G2+ telephones and Golmar d.c lock release.



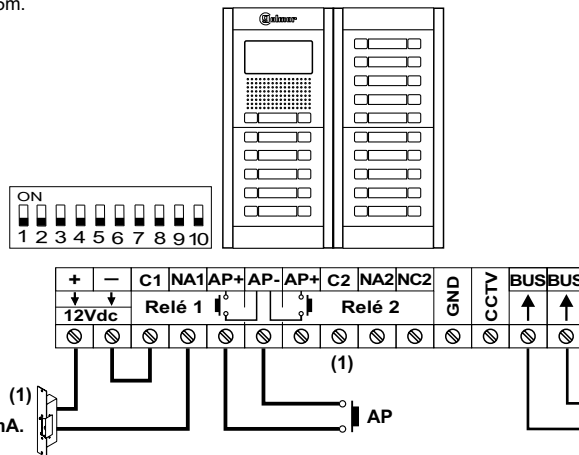
Distances and cross-sections:



Cable	A	B	C	D	B+C+D	E
RAP-GTWIN/HF 2x1mm ²	80m	20m	96m	15m	130m	15m

Important:
 B: must be ≤ to 20m.
 D: must be ≤ to 15m.

Access door panel



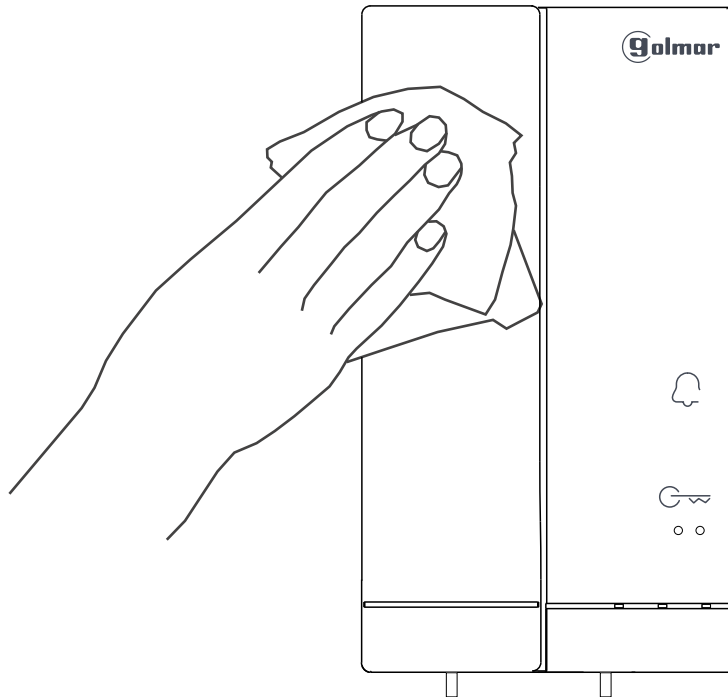
(*) Only audio installation, configure the end of line Dip 10 to OFF in all telephones.

Lock release (1)
 max. 12 Vdc/270mA.

(1) For more information about the door panel, installation, configuration, connection of an AC lock release, 2nd lock release, mixed installation with monitors and T-ART LITE/G2+ telephones and other wiring diagrams, (see the corresponding door panel manual).

CLEANING THE TELEPHONE:

- 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 telephone in the same direction, from top to bottom.
- After cleaning the telephone, 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 Compatibilidad Electromagnética **2014/30/CEE**.

*This product meets the essentials requirements of applicable European Directives regarding 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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