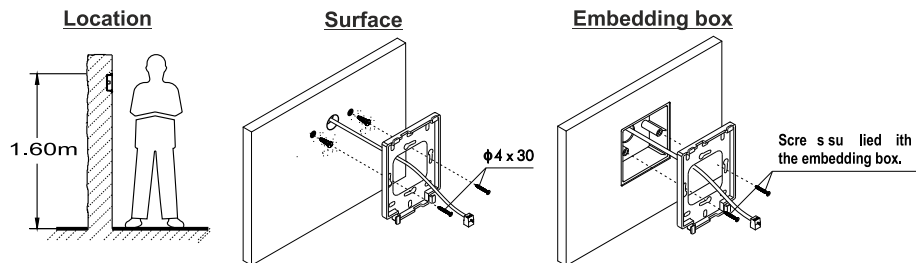


**(\*)INSTALLING THE TERMINAL**

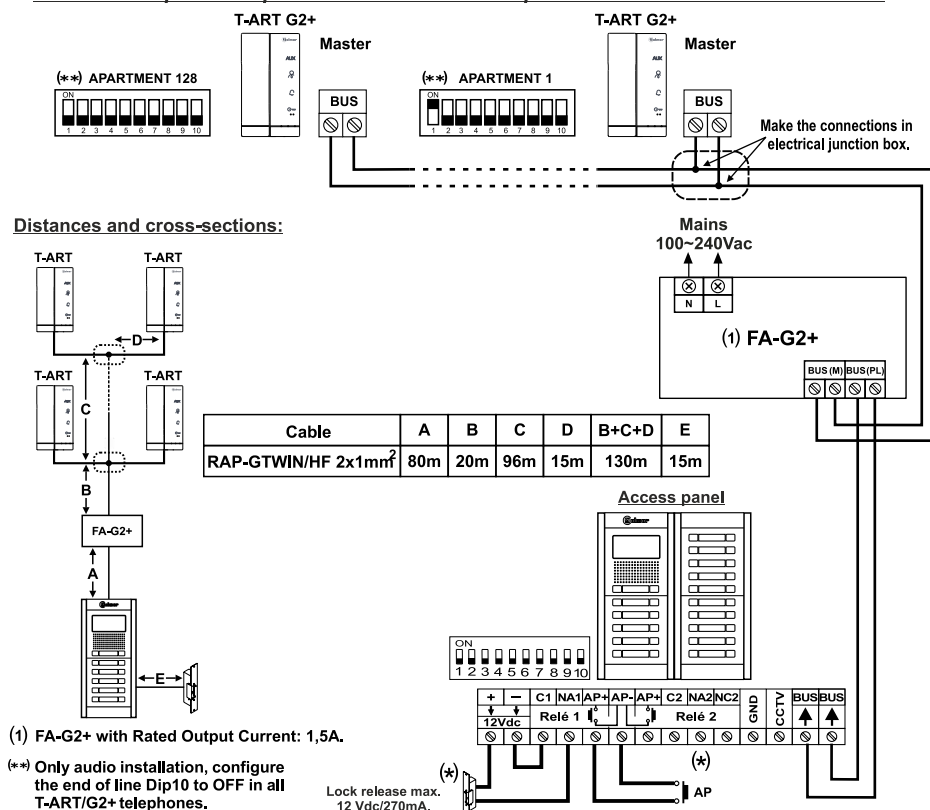
Avoid dusty or smoky environments or locations near sources of heat. The telephone can be fixed to an electrical embedding box or directly to the wall.



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

**(\*)WIRING DIAGRAM**

Installation up to 128 apartments/T-ART/G2+ telephone and Golmar DC lock release:



(1) FA-G2+ with Rated Output Current: 1,5A.

(\*\*) Only audio installation, configure the end of line Dip10 to OFF in all T-ART/G2+ telephones.

Lock release max. 12 Vdc/270mA.

(\*) For more information, see "TT-ART/G2+" user manual (code 50122719). <https://doc.golmar.es/search/manual/50122719>



# T-ART/G2+ TELEPHONE



## QUICK GUIDE

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 Golmar se réserve le droit de toute modification sans préavis.  
 Golmar reserves the right to make any modifications without prior notice.

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


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TT ART/G2+ EN GR REV.0221











## 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 **40 cm away from any other wiring**.
- Do not overtighten the screws on the connector.
- Install the T-ART 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 and T-ART telephones.
- Always follow the instructions contained in this manual.

## (\*) CHARACTERISTICS

- T-ART telephone with simplified installation (non-polarised 2 wire bus).
- Up to 4 T-ART telephones/monitors per apartment (master, slave 1, slave 2 and slave 3).
- Up to 32 apartments/T-ART terminals in mixed installations with monitors (**EL632 G2+ SE module**).
- Up to 128 apartments/T-ART terminals 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 activation. In standby (handset on or off the hook): activate/ deactivate "Doctor mode".
- Button **AUX** for lock release 2 activation/ staircase light activation (SAR-G2+ & SAR-12/24 modules required) / "intercom" calls (within the same apartment) and "autoswitch-on" function.
- Button  for tone call volume control, "do not disturb" mode/ configuring ringtones/ communication call volume control (T-ART speaker) & in case of call forwarding, cancel call transfer (with ART 7W monitor).
- Button  for guard monitor calls (if exist).
- DIP switches for setting the telephone's address (call code), master/slave and end of line.

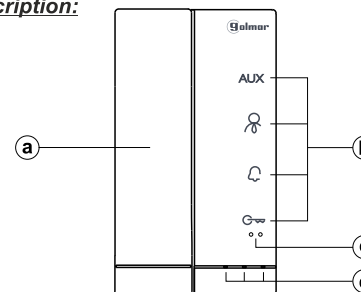
## SYSTEM OPERATION

- 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, the telephone s LED  will blink white. If the call is not answered within 40 seconds, the door panel s LED  will turn off, the telephone s LED  switch on (white color) 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 and the telephone s LED  switch on (white color).
- 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, press button  (if it exists and, to open the second door, press button **AUX**) 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. 3.

(\*) For more information, see "TT-ART/G2+" user manual (code 50122719).  
<https://doc.golmar.es/search/manual/50122719>


## (\*) DESCRIPTION OF THE TELEPHONE


## 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 LEDs.

## Function push button:

 In standby (handset off the hook): One short press for guard monitor calls (if exist).

**AUX** During the call or communication processes: one press will activate the lock release 2. In standby (handset on the hook): press the button for 3 sec. to activate the staircase light (SAR-G2+ & SAR-12/24 modules required). 5 short press to default tones & tones volume (led  blink 9 times). In standby (handset off the hook): 2 short press to "intercom" call (within the same apartment) and press for 3 seconds to "autoswitch-on" function.

## (\*) Function push button status LED:

-  - In standby: Led switch on (white color). During call door panel, guard or intercom process: Led will blink (white color). Terminal in communication: Led switch on (white color).
-  - "Do not disturb" mode: Led switch on (red color). To confirm default tones & tones volume: Led blink 9 times (red color).
-  - "Automatic door opening" Doctor mode: Led switch on (red color).

## (\*) Description of the DIP switch and configuration of the T-ART/G2+ terminal address (code):

## Building / Villa (Nexa Door Panel)

**Dip1-Dip7:** Sets the terminals 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 terminal code is the sum of the values of the switches set to ON.

**Important:** **Table of values**  
 Apartment 1 (Dip1 to ON & Dip2-Dip7 to OFF). Switch number: 1 2 3 4 5 6 7  
 Apartment 128 (Dip1-Dip7 to OFF). Value when ON: 1 2 4 8 16 32 64



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

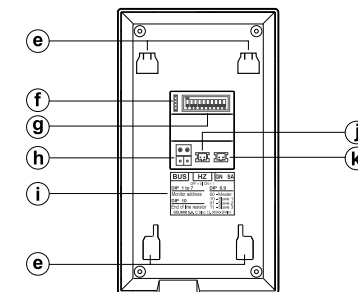
**Dip8-Dip9:** These define whether the terminal is master or slave. Each apartment must have only one master terminal.




**Dip10:** Configures the end of line. In installations with terminals only, it must always be in the OFF position. In mixed installations of monitors with T-ART/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 terminals.


(\*) **IMPORTANT:** T-ART/G2+ terminal 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/G2+ terminals.

(\*) For more information, see "TT-ART/G2+" user manual (code 50122719).  
<https://doc.golmar.es/search/manual/50122719>



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

 During the call or communication processes: one press will activate the lock release 1. In standby (handset on or off the hook): press the button for 5 sec. to activate/deactivate the "Doctor mode" function.

 In standby (handset on the hook): short press, it allows to change tone call volume, on every short press telephone reproduces the selected volume (cyclic min/med/ max/ off "do not disturb"). In communication: on every short press, it allows to change the speaker of the T-ART audio volume (cyclic 4 audio levels). Other settings see "TT-ART/G2+" user manual.

## Description connection terminals:

