Locate the SW2 DIP switch situated on the top left-hand side of the back of the EL632/PLUS module and set number 2 to ON. The door panel will emit a tone to indicate that it has entered programming mode.
In systems with more than one door panel, only perform this procedure on the main door panel of each building.

Turn off the terminal to be programmed (press button 🕿 for 3 seconds). Once switched off, press the door release button.

Press and hold the door release button and, without releasing it, switch on the terminal (press button 🕿 for 1 second).

To show that the device is ready for programming, the door panel and terminal will emit a number of tones (the status LED on the terminal will illuminate red), enabling the door release button to be released. The terminal is in audio communication with the door panel.

Press the button of the door panel that will call this terminal.
At this moment, the door panel and terminal will emit a number of tones (the status LED on the terminal will blink red and LED 🔑 will illuminate).

To programme the terminal as *Master*, press button 🕿 for 1 second (the terminal's LED will illuminate red and LED 🔑 will turn off).

To programme it as *Slave 1*, press button 🔑 once, and the status LED will blink (green) once. Continue successively to **Slave 4**, pressing button 🔑 four times, and the status LED will blink (green) four times.

To programme the terminal as *Slave + Intercom*, press button ☰ and the LED will blink (green) once. Then press button 🕿 for 1 second (the terminal's status LED will illuminate red and LED 🔑 will turn off).

Make a call to check that the terminal has been successfully programmed. Programme the other terminals in the same way.
Once the programming has finished, set the programming switch to OFF.

Each apartment must only have one master unit; if there are parallel terminals, they must be configured as slaves.

**IMPORTANT:** To programme the terminal with a coded door panel or from a general door panel, see the manual of the corresponding door panel.
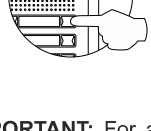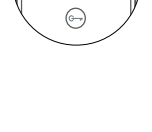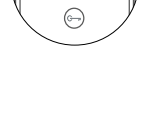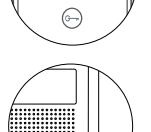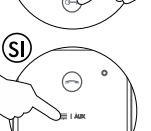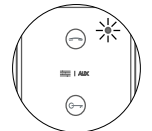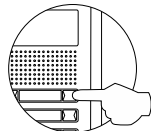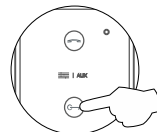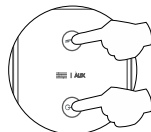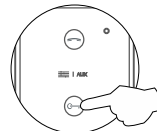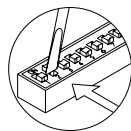
**P**rogramming the Nhea terminal with a button door panel.



**IMPORTANT:** For advanced programming, optional connections and more information, see the TNHEA PLUS SE Manual (code 50123372).
https://doc.golmar.es/search/manual/50123372

# NHEA PLUS SE terminal
# Plus Digital System



# QUICK GUIDE

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## Column 1

**D**escription of the TNHEA PLUS SE terminal.

Nhea hands-free audio terminal for the Plus system with button and coded door panels.



**a.** Status LED.
- Standby: LED illuminated red.
- Call: LED illuminated green. (master Nhea terminal).
- Communication: LED illuminated green.
- Night mode: LED blinking red.
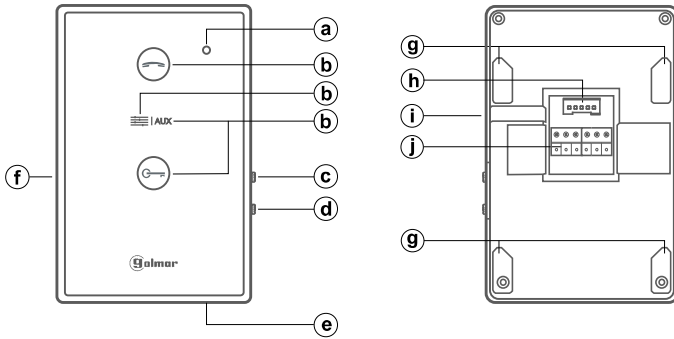- Doctor mode: LED blinking green.

**b.** Function buttons.
**c.** Audio volume control switch.
**d.** Ringtone volume control switch.

**e.** Microphone.
**f.** Speaker.
**g.** Connector fixings.
**h.** Connector.
**i.** Horizontal cable entry.
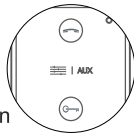**j.** Connection terminals.

**D**escription of the connection terminals.

| + | − | A | D | HZ- | SA |
|---|---|---|---|-----|----|

+, - :  Positive, negative (18Vdc power supply).
A , D : Audio, digital communication.
HZ- :  Door bell button input.
SA :  Output (negative) auxiliary call repeater (max. consumption 250mA).

**F**unction buttons.

Start/stop communication button.
  With the terminal in standby:
    A short 1-second press activates the terminal in function mode (for 5 seconds).
    A long 3-second press turns off the terminal. A short 1-second press turns on the terminal.
  In function mode:
    A long 3-second press turns off the terminal. A short 1-second press turns on the terminal.
  During a communication process: the talk/listen function is activated.

(*) With the terminal in standby: One long 3-second press activates 'ringtone volume mode', with a tone indicating the current volume selected. Then each long 3-second press (before 5 seconds elapse) selects a volume level: maximum, minimum and no volume 'night mode' and so on (in carousel mode). Note: The 'night mode' status LED blinks red.
  In function mode: A short 1-second press activates the auto switch-on function, enabling audio communication with door panels that have this function activated to be established.

## Column 2

This only functions if no communication is in progress.

(*) **AUX** Auxiliary device 'A1' is activated (with the terminal in standby or function, call, communication or intercom mode).

With the terminal in standby, a panic call to the guard units configured to receive such calls is made. In function mode, a normal call can be made to the main unit. During call reception and communication processes, it enables the lock release to be activated.

(*) In advanced programming mode, the default functions of function buttons and **AUX** can be changed with one of the following functions at the same time:
  -Function button : Activation of auxiliary device 'A1,' call to secondary guard unit or **(1)** auto switch-on.
  -Function button **AUX**: **(1)** Activation of auxiliary device 'A1,' call to secondary guard unit, auto switch-on or intercom.

**(1) Factory setting.**

**D**escription of the connector terminals.

(YELLOW):  (−) NEGATIVE
(BACK):  AP
(RED):  INTERCOM
(GREEN):  (+) POSITIVE
(WHITE):  A1
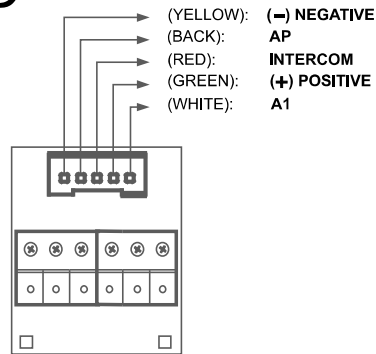


- **AP:** Auxiliary door opening button input.
- **Intercom:** Between two or more terminals in the same apartment.
- **A1:** Output (negative) auxiliary device activation (max. consumption 50mA).

## OPERATION

- Call reception: During call reception, the status LED of the master terminal will illuminate (green). If the call is not answered within 45 seconds, the master terminal's status LED will illuminate (red), LED on the door panel will turn off and the channel will be free.
- To establish communication, press button and the terminal's status LED (green) and the door panel's LED will illuminate
- Communication will last for one and a half minutes or until button is pressed again. After communication, the terminal's status LED will illuminate (red), the door panel's LED will turn off and the channel will be free.
- To open the door, press door release button during the call or communication processes: one press will activate the lock release for 3 seconds and LED will also illuminate for 3 seconds.
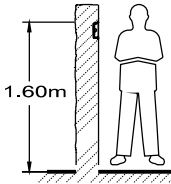
## Column 3

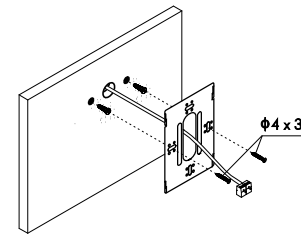**I**nstallation of the terminal.

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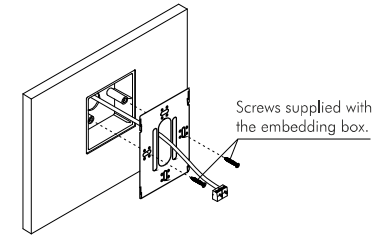
**Location**

1.60m

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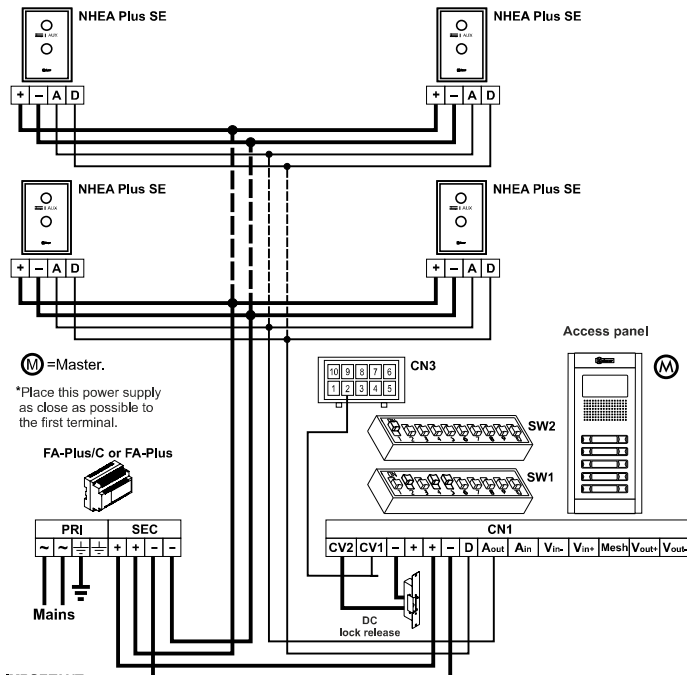
**Surface**  **Embedding box**



φ 4 x 30

Screws supplied with the embedding box.

## WIRING DIAGRAM



**(M)** =Master.

*Place this power supply as close as possible to the first terminal.

**IMPORTANT:**
For further information about the door panel, sections, distances, wiring diagrams, etc., see the T632 Plus P/T Manual.
https://doc.golmar.es/search/manual/50122328