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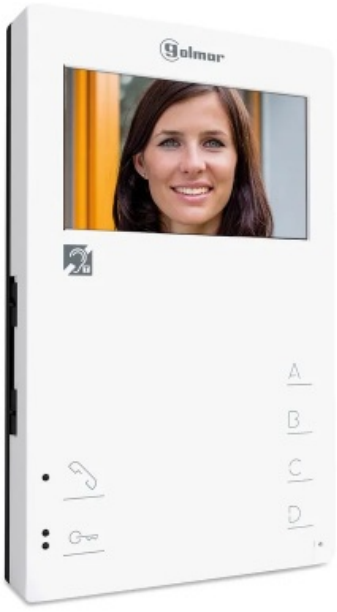
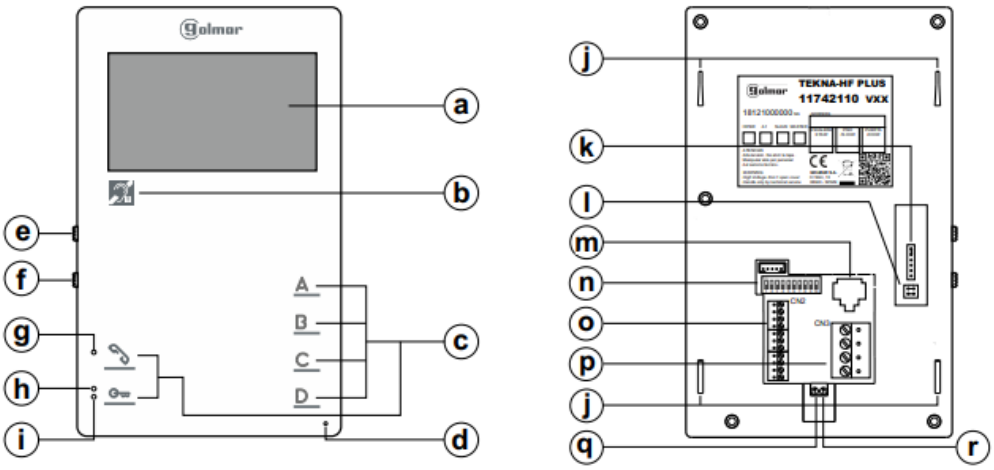
GOLMAR TEKNA HF PLUS Monitor Plus Digital System



DESCRIPTION

Description of the TEKNA HF PLUS monitor. Hands-free monitor for the Plus system with buttons and coded panels.



- a. 4.3″ TFT colour screen
- b. Communication with a hearing aid. Set the hearing aid switch to position T.
- c. Function/programming buttons.
- d. Microphone.
- e. Brightness control.
- f. Colour control.
- g. Indicator LED (two-colour):
  - In call: green LED illuminated.
  - In communication: green LED blinking.
  - Function press to talk:
  - When is pressed, the LED illuminates yellow
  - When is released, LED blinking yellow
- Advanced programming of LED.
- Monitor status LED (two-colour):
  - Standby: LED illuminated red.
  - Call: LED illuminated green.
  - Communication: LED illuminated green.
  - Auto spy if the bus is busy: LED blinking red rapidly.
  - Night mode: LED blinking red.
  - Doctor mode: LED blinking green.
- j. Connector fixings.
- k. CN4 connector (end of line).

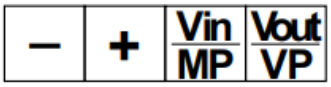
- I JP1 jumper, remove in video installation with twisted pair (see the Tekna HF Plus manual).
- m. RJ-45 connector (inst. with UTP cable).
- n. SW1 DIP switches.
- o. CN2 connection terminals.
- p. CN3 connection terminals.

Only by authorised personnel

- q. Monitor the microphone volume control.
- r. Monitor speaker volume control.

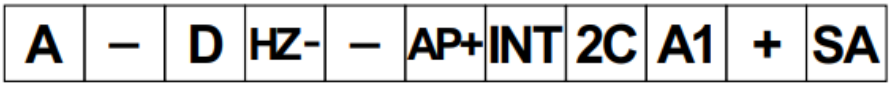
Description of the connection terminals.

CN3 connection terminals



- -, + : Negative, positive (18Vdc power supply).
- Vin: Video signal input through coaxial cable. Coaxial cable mesh.
- Vout: Video signal output through coaxial cable.
- Vp, Mp: Balanced video signal (through twisted pair).

CN2 connection terminals



- A: Audio communication.
- D: Digital communication.
- HZ-: Doorbell button input.
- AP+: Input for auxiliary door opening button.
- INT: Intercom function.
- 2C Output for 2nd camera activation.
- A1: Output (negative) for auxiliary device activation (max. consumption 50mA).

- SA: Output (negative) for auxiliary call repeater (max. consumption 250mA).

Function buttons

- Start/stop communication button. With the terminal in standby: One short 1-second press activates the monitor in function mode for 5 seconds. During a communication process, it activates the talk/listen function.
- With the monitor in standby, One long 2-second press activates ringtone volume mode, with a tone indicating the current volume selected. Then each long 2-second press (before 5 seconds elapse) selects a volume level: maximum, medium, minimum and no volume ‘night mode’ and so on (carousel mode). Note: The ‘night mode’ status LED blinks red. With the monitor in standby, function mode, call or communication: One long 3-second press turns off the monitor. Then, one short 1-second press turns on the monitor.
- B With the monitor in function mode: It activates the intercom (in the same apartment); one long press until a confirmation tone can be heard will call all of the monitors in the apartment. To call individual devices, press the button once to call the master’ monitor, twice to call ‘slave 1’, and soon up to 5 presses to call ‘slave 4’. This only functions if no call or communication is in progress. Note: With ‘Tekna Plus’ monitors (see the TTekna HF Plus manual).
- C Auxiliary device ‘A1’ is activated (with the terminal in standby or function, call, communication or intercom mode).
- With the monitor in standby, It enables the image from the door panel configured as main to be viewed (if the bus is busy, the status LED of the monitor will indicate so with a few quick blinks). With the monitor in function mode: It enables audio and video communication with the door panel to be established if it has its auto switch-on function activated. This only functions if no communication is in progress.
  In call: A slave monitor enables the image of the door panel to be captured Ow With the monitor in standby: A panic call to the guard units configured to receive such calls is made.
- With the monitor in function mode, it enables a normal call to the main unit to be made. During call reception and communication processes, it enables the lock release to be activated.
    - In advanced programming mode, the default functions of function buttons B and C

can be changed (see the Tekna HF Plus manual).

OPERATION

- Call reception: During call reception, the image will appear on the master monitor and the status LED and indicator LED  on the master and slavemonitors will illuminate (green). If the call is not answered within 45 seconds, the status LED on the master and slave monitors will illuminate (red), and the indicator LED  on the master and slave monitors (s) will turn off. LED  on
- To establish communication, press button  , the indicator LED  on the monitor will blink (green), and the LED  on the door panel will illuminate. Communication with hearing aid  : Make sure that the hearing aid is 15-20 cm away from the monitor to ensure maximum audio quality during communication with the door panel. Remember: Set the hearing aid switch to position T.
- Communication will last for one and a half minutes or until the button  is pressed again. Once communication is complete, the monitor's status LED will illuminate (red), the indicator LED  on the monitor and LED  on the door panel will turn off, and the channel will become free.
- To open the door, press the 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.

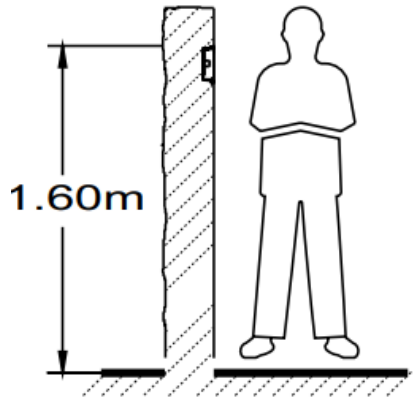
INSTALLATION

Installation of the terminal

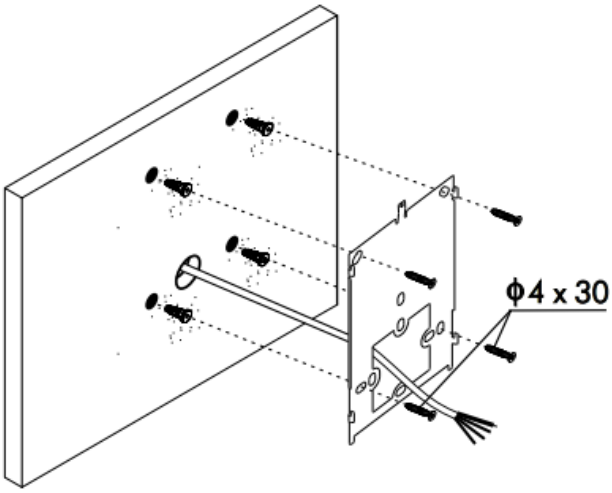
Avoid dusty or smoky environments or locations near sources of heat. The monitor can be fixed to an electrical embedding box or directly to the wall.

Important: For further information, see the Tekna HF Plus manual (code 50122337).

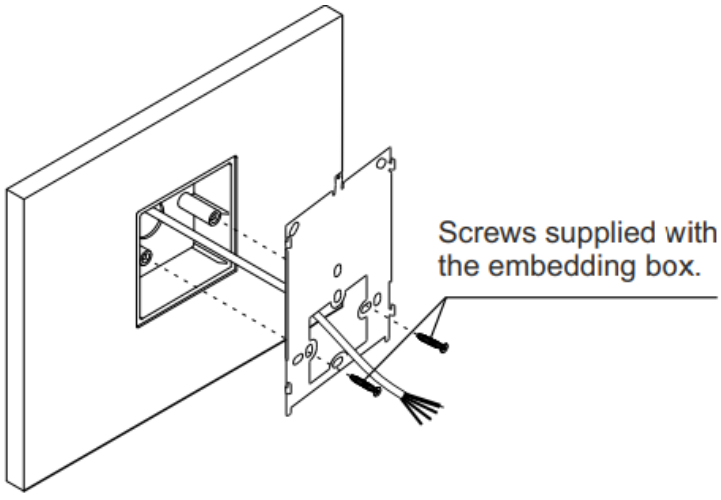
Location



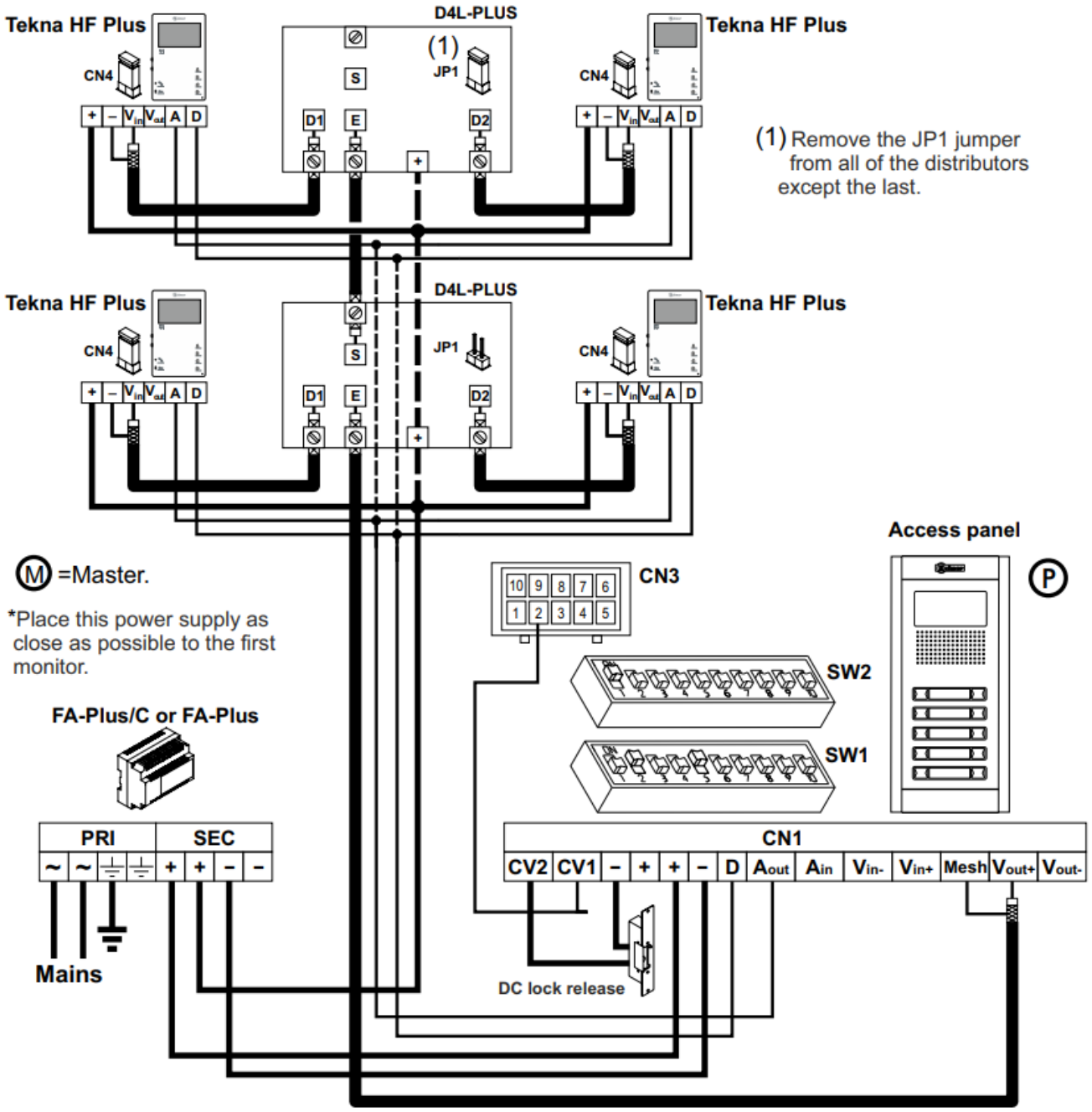
Surface



Embedding box



WIRING DIAGRAM



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

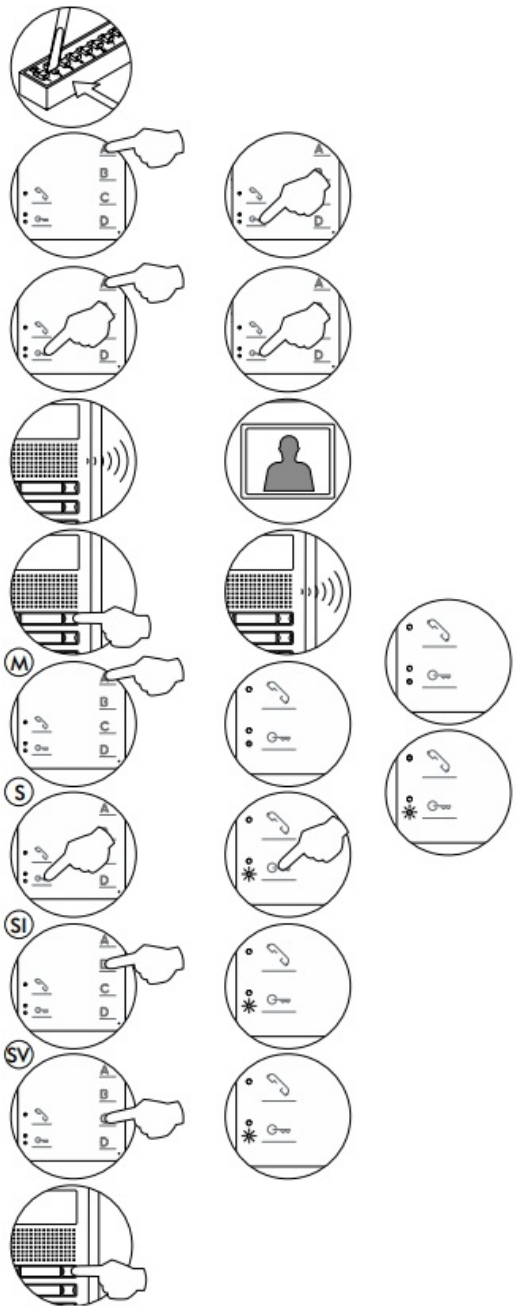
PROGRAMMING

- Locate on the door panel the SW2 DIP switch situated on the top left-hand side side of the back of the sound 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 panel of each building.
- Turn off the monitor to be programmed (press button A 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 monitor (press button A for 1 second).
- To show that the device is ready for programming, the door panel and monitor will emit a number of tones (the status LED on the monitor will illuminate red), enabling door release button to be released. To establish audio communication with the door panel, press button .
- Press the door panel button that will call this monitor.
- At this moment, the door panel and monitor will emit a number of tones (the status LED on the monitor will blink red and the indicator LED will illuminate red.
- To programme the monitor as Master, press button A for 3 seconds (the monitor's LED will illuminate red).
- 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 it as Slave + Intercom, press button B and the LED will blink (green) once.
- To programme it as Slave without video (in call), press button C and the status LED will blink (green) once. If button C is pressed again, the monitorwill return to being programmed as Slave with video (in call) and the status LED will blink (green) twice. The door panel video will be displayed during a call if programmed to do so.
- Make a call to check that the monitor has been successfully programmed. Program the other monitors 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 units, they must be configured as slaves.

IMPORTANT: To programme the monitor with a coded door panel or from a general panel, see the manual of the corresponding door panel.

Programming the Lekna Hit Plus monitor with a button panel.



IMPORTANT: For advanced programming, optional connections and more information, see the TTEKNA HF PLUS manual (code 50122337).
https://doc.golmar.es/search/manual/50122337

FAQs

Q: How do I reset the Tekna HF Plus monitor?

A: To reset the monitor, turn it off and then press and hold the door release button while turning it back on. Follow the programming steps to reconfigure the device.

Q: What do the LED indicators on the Tekna HF Plus monitor mean?

A: The LED indicators show different statuses such as call in progress (green LED),

night mode (flashing red LED), and programming mode (red LED).

Documents / Resources

	golmar GOLMAR TEKNA HF PLUS Monitor Plus Digital System [pdf] User Manual 11742110, 18121000000, GOLMAR TEKNA HF PLUS Monitor Plus Digital System, GOLMAR TEKNA HF PLUS, Monitor Plus Digital System, Plus Digital System, Digital System, System

References

- User Manual

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11742110, 18121000000, Digital System, golmar, GOLMAR TEKNA HF PLUS, GOLMAR TEKNA HF PLUS Monitor Plus Digital System, Monitor Plus Digital System, Plus Digital System, System

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