



T1ML

rev.0114

Audio and Video
door entry system
digital installation

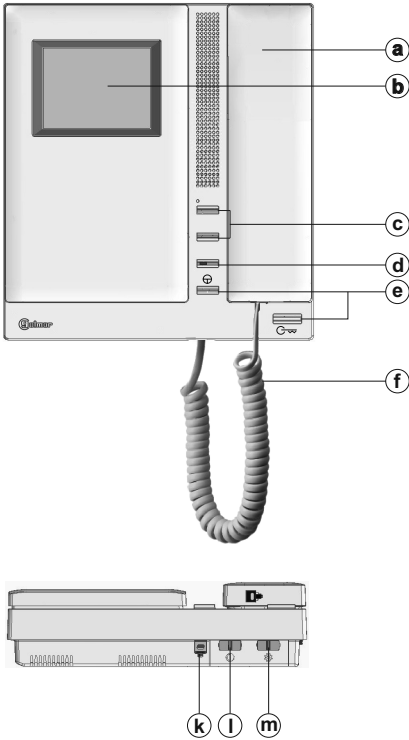
Tekna Uno
T-540 Uno
T-740 Uno



installation annex

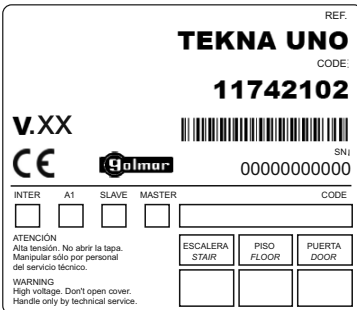
- ⇨ Tekna Uno monitor, T-540 Uno and T-740 Uno telephones are described on this annex; as well their programming procedures. System assembly and wiring is detailed on the instructions manual (T631/PLUS ML or T500SE ML) that's enclosed with the door panel.
- ⇨ Tekna Uno monitor, T-540 Uno and T-740 Uno telephones are fully compatible with Tekna Plus monitor, T-540 Plus and T-740 Plus telephones. However, **a Uno communications resistor must be setting with the SW1 configuration dip switch of the door panel**, see the instructions manual (T631/PLUS ML "page 115" or T500SE ML "page 116") that's enclosed with the door panel.
- ⇨ If the distance from the door panel to the farrest monitor or telephone is longer than 200 meters, or the building has more than 200 apartment units, a RDPlus/UnoSE repeater must be installed.

Description of the Tekna Uno monitor.



- a. Handset.
- b. B/W or color screen (depending on the model).
- c. Dummy push buttons.
- d. On-Off light indicator.
- e. Function push buttons.
- f. Cord.
- g. Attachment holes.
- h. Identification label.
- i. Connecting points.
- j. CN2 connector.
- k. Cable slot.
- l. Contrast control (color control in case of color screen).
- m. Brightness control.

Description of the identification label.



For an easiest repair, replacement or increase of the existing monitors, fill the identifying label information.

- MASTER: master monitor.
- SLAVE: slave monitor.
- INTER: not available.
- A1: not available.
- CODE: push button code (*).
- STAIR: backbone code (building) (*).

(*) Refer to the instructions manual (T631/PLUS ML or T500SE ML) that's enclosed with the door panel.

Function push buttons.

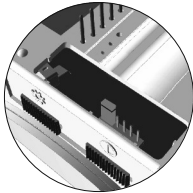


If the handset is on the cradle allows to see the picture from the master door panel.
If not, allows to establish audio and video communication with the door panel that has been configured with the autoswitch-on function. This function is disabled if a communication is already established.



If the handset is on the cradle, press during 1 sec. to switch the monitor on or off. After any monitor reset and during the next 45 seconds, all the monitor functions will be disabled, with the exception of call reception.
With the handset lifted, allows to call to the master porter's exchange.
During call reception and communication progresses allows the lock release activation, with no dependence on the handset position.

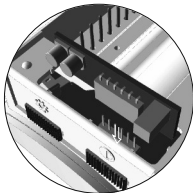
Handling the end of line jumper.



The end of line jumper is placed on the CN2 connector, that can be located on the monitor base.
In case of twisted pair cable installations, the end of line jumper is placed in the EL562 module (see next paragraph).

Do not remove the jumper on monitors where the video cable finish.
Remove the jumper on monitors where the video cable continue.

EL562 module for video installations with twisted pair cable.

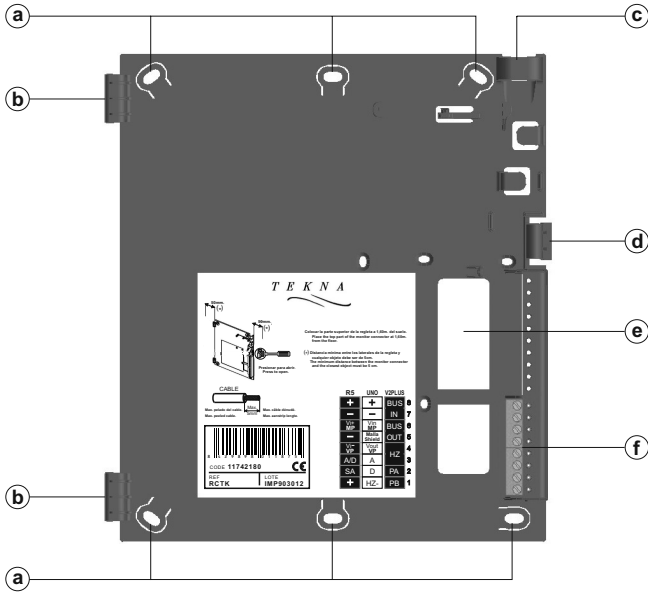


Locate the CN2 connector, that's placed in the monitor base.
To plug the EL562 module, remove the existing jumper and the double one (JP1) that's place on the right side.

NOTE: on this type of installations, the door panel must be setting with SW1-3 configuration dip switch to ON; refer to the instructions manual (T631/PLUS ML "page 115" or T500SE ML "page 116") that's enclosed with the door panel.
Refer to the specific installation diagram.

D

escription of the RCTK monitor connector.



- a. Wall attachment hole (x6).
- b. Monitor attachment hook (x2).
- c. Vertical wiring input.
- d. Attachment clip.
- e. Wiring input hole.
- f. Installation terminals:

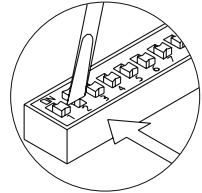
+, -: positive, ground.
 Vin / MP: video signal coaxial input.
 twisted pair video signal input (MP).
 Malla: coaxial shield.
 Vo / VP : video signal coaxial output.
 twisted pair video signal input (VP).
 A : audio communication.
 D : digital communication.
 HZ : door bell push button input.

Programming the Tekna Uno monitors.

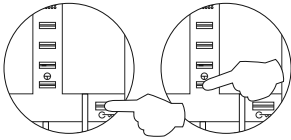
Set to ON the SW2-2 configuration dip switch in the door panel, refer to the instructions manual (T631/PLUS ML "page 116" or T500SE ML "page 117") that's enclosed with the door panel.

The door panel will reproduce a tone to advise that the system has entered into programming mode.

In systems with more than one door panel, the programming process shall be done on the master door panel only.

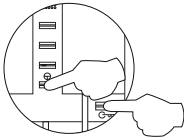


To program the monitor from a general door panel (if exist), see the manual T631/PLUS ML page 119 or T500SE ML page 120.

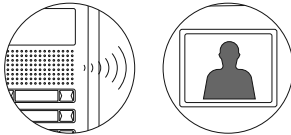


Switch off the monitor to be programmed, by pressing the lock release push button during 1 second.

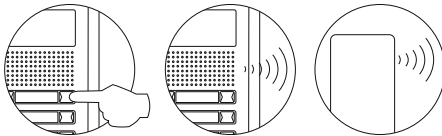
Once the monitor is off, press the autoswitch-on push button.



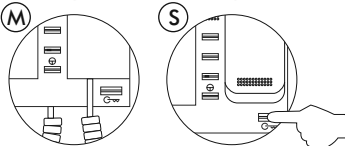
While pressing the autoswitch-on push button, press the lock release push button.



To show that the system is ready for programming, the door panel will reproduce a tone and the picture will appear on the monitor. At this moment, the push buttons can be released. Lift the monitor handset.



Press the door panel push button that will call to this monitor. At this moment the door panel and the monitor handset will reproduce a tone.



With the handset lifted:

If programming the monitor as **Master**, replace the handset.

If programming it as **Slave**, press the door release push button, then replace the handset.

Each apartment must have one master unit only; in case of parallel units configure them as slaves, both monitors or telephones.



Make a call to check that the monitor has been successfully programmed.

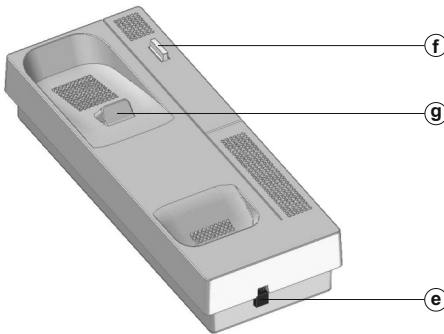
Repeat these steps to program the rest of monitors.

Once the programming has been finished, set to OFF the programming switch. If you don't, the door panel will reproduce a sound to advise that the system is still into programming mode.

Description of the T-540 Uno telephone.



- a. Telephone handset.
- b. Speaker grille.
- c. Microphone hole.
- d. Subjection hole.
- e. Telephone cord connectors.
- f. Function push button.
- g. Hook switch.



Function push button.

During call reception and communication progresses allows the lock release activation, with no dependence on the handset position.

During stand-by condition and with the handset lifted, allows to call to the master porter's exchange.

Terminal connector description.

HZ - **+** **D** **A**

HZ- : door bell push button input.

- , + : positive, ground.

D : digital communication.

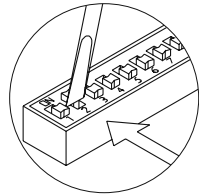
A : audio communication.

Programming the T-540 Uno telephones.

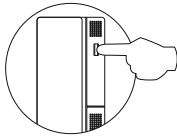
Set to ON the SW2-2 configuration dip switch in the door panel, refer to the instructions manual (T631/PLUS ML "page 116" or T500SE ML "page 117") that's enclosed with the door panel.

The door panel will reproduce a tone to advise that the system has entered into programming mode.

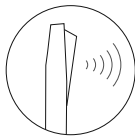
In systems with more than one door panel, the programming process shall be done on the master door panel only.



To program the telephone from a general door panel (if exist), see the manual T631/PLUS ML page 119 or T500SE ML page 120.

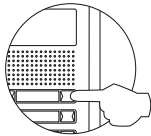


Lift the handset while pressing the lock release push button.

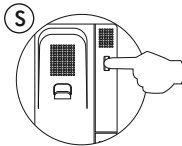
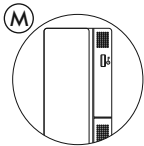


To show that the system is ready for programming, the door panel and handset will reproduce a tone, being possible to establish audio communication.

Release the lock release push button.



Press the door panel push button that will call to this telephone. At this moment the door panel and handset will reproduce a tone.



With the handset lifted:

If programming the telephone as **Master**, replace the handset.

If programming it as **Slave**, press the door release push button, then replace the handset.

Each apartment must have one master unit only; in case of parallel units configure them as slaves, both monitors or telephones.

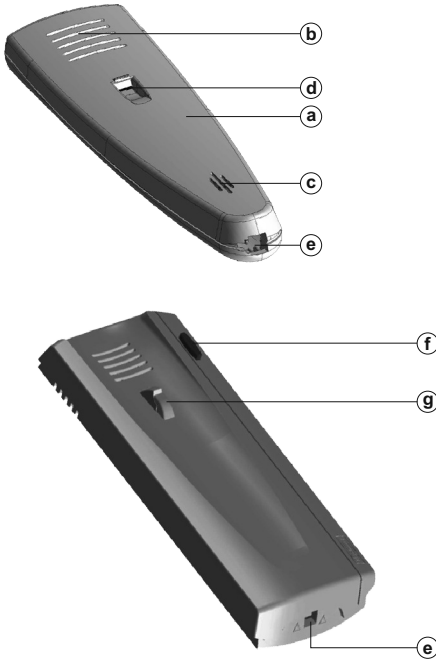


Make a call to check that the telephone has been successfully programmed.

Repeat these steps to program the rest of telephones.

Once the programming has been finished, set to OFF the programming switch. If you don't, the door panel will reproduce a tone to advise that the system is still into programming mode.

Description of the T-740 Uno telephone.



- a. Telephone handset.
- b. Speaker grille.
- c. Microphone hole.
- d. Subjection hole.
- e. Telephone cord connectors.
- f. Function push button.
- g. Hook switch.

Function push button.

During call reception and communication progresses allows the lock release activation, with no dependence on the handset position.

During stand-by condition and with the handset lifted, allows to call to the master porter's exchange.

Terminal connector description.

HZ - **+** **D** **A**

HZ- : door bell push button input.

- , + : positive, ground.

D : digital communication.

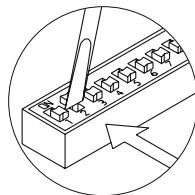
A : audio communication.

Programming the T-740 Uno telephones.

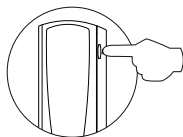
Set to ON the SW2-2 configuration dip switch in the door panel, refer to the instructions manual (T631/PLUS ML "page 116" or T500SE ML "page 117") that's enclosed with the door panel.

The door panel will reproduce a tone to advise that the system has entered into programming mode.

In systems with more than one door panel, the programming process shall be done on the master door panel only.



To program the telephone from a general door panel (if exist), see the manual T631/PLUS ML page 119 or T500SE ML page 120.

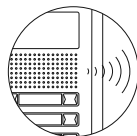
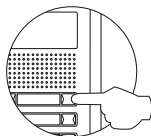


Lift the handset while pressing the lock release push button.

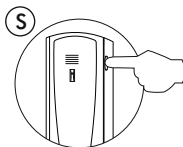
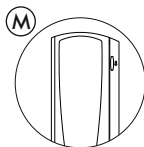


To show that the system is ready for programming, the door panel and handset will reproduce a tone, being possible to establish audio communication.

Release the lock release push button.



Press the door panel push button that will call to this telephone. At this moment the door panel and handset will reproduce a tone.



With the handset lifted:

If programming the telephone as **Master**, replace the handset.

If programming it as **Slave**, press the door release push button, then replace the handset.

Each apartment must have one master unit only; in case of parallel units configure them as slaves, both monitors or telephones.



Make a call to check that the telephone has been successfully programmed.

Repeat these steps to program the rest of telephones.

Once the programming has been finished, set to OFF the programming switch. If you don't, the door panel will reproduce a tone to advise that the system is still into programming mode.



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