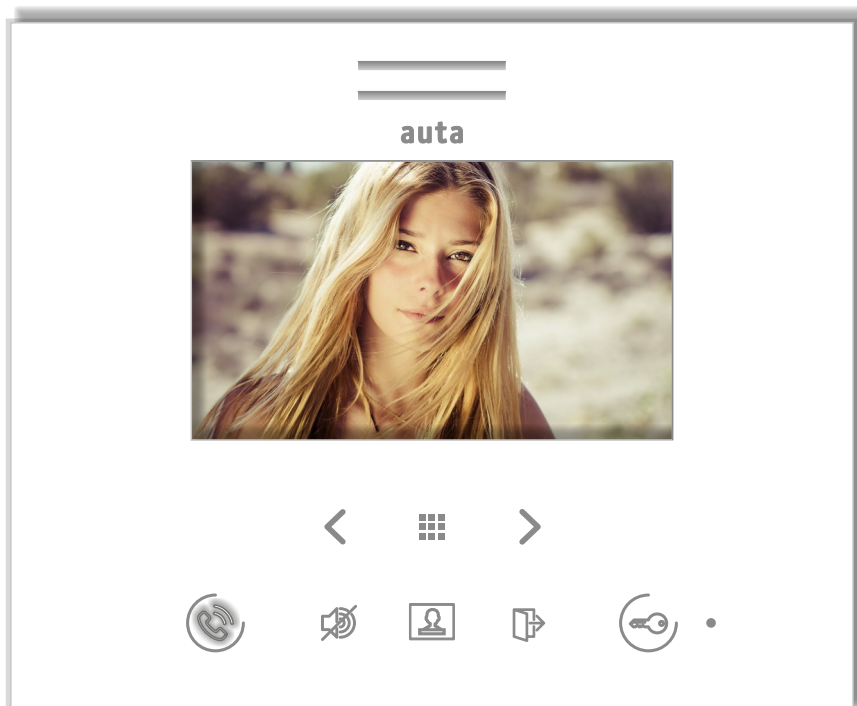




DIGITAL MONITOR

SLIM



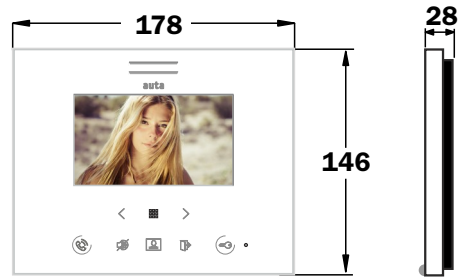
VISUALTECH

4.3 inches flat screen monitor whit capacitive keyboard, that incorporates hands-free communication and allows the wiring of standard installations with a riser of 5 wires.

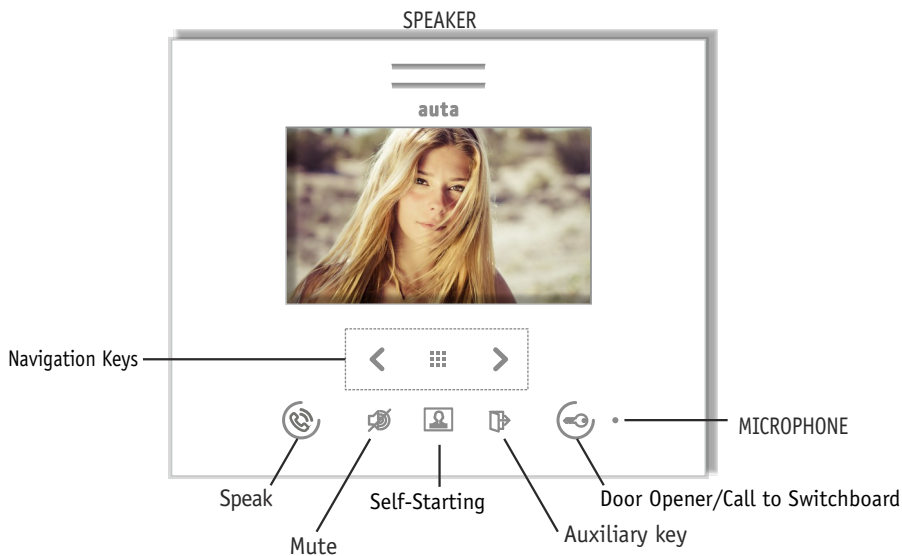
CHARACTERISTICS

- Surface installation or mounting box installation.
- ABS+PC plastic injected.
- Brightness, colour and contrast adjust.
- Multi-tone function
- Special functions. See function codes table.
- Scanning frequency 15625 Hz (H) x 50 Hz (V)
- Input Video Signal: Differential Video (150Ω).
- Power supply 24Vcc / 0.5A.
- TFT-LCD 4.3”.

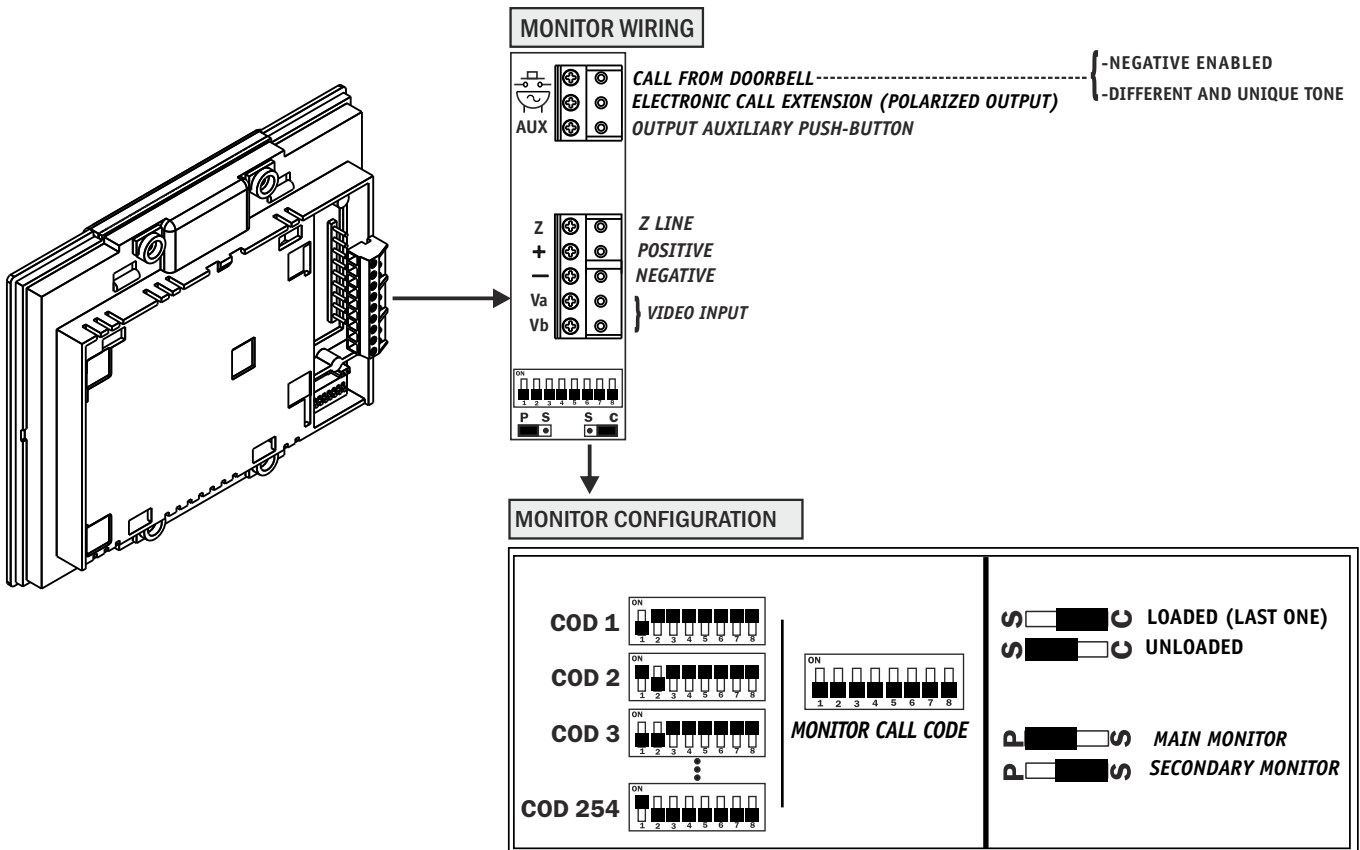
DIMENSIONS



DESCRIPTION



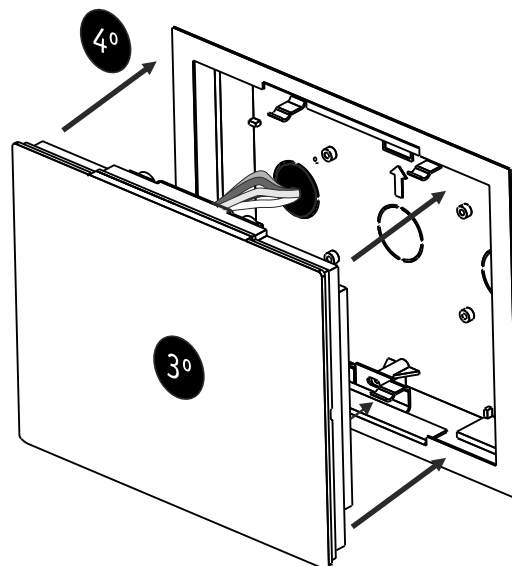
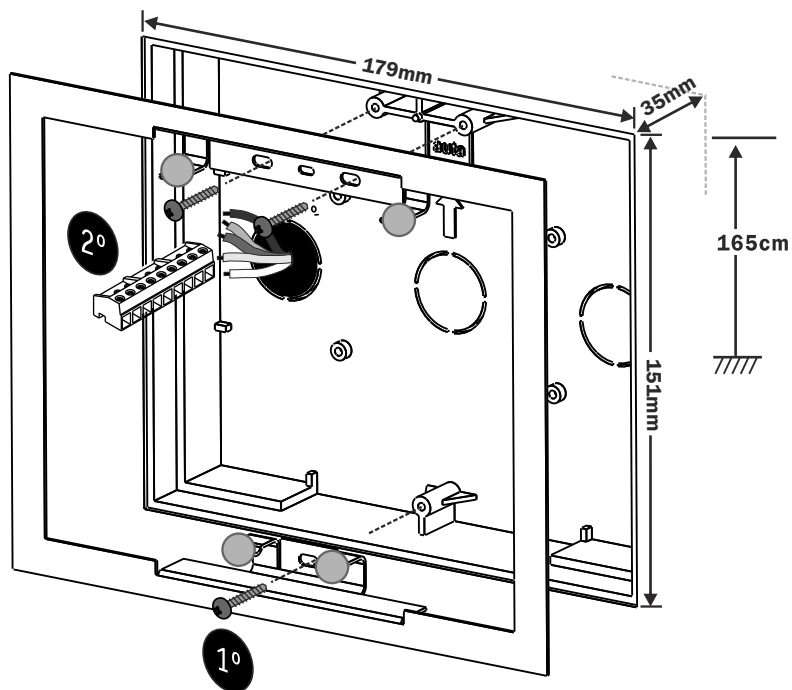
INSTALLATION



INSTALLATION

BUILT-IN-

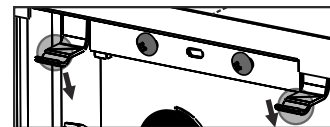
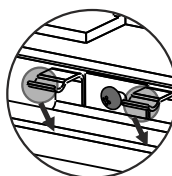
- 1° - Fix the frame to the mounting box with the provided screws. The frame allows adjusting little deviations of the mounting box.
- 2° - Remove the terminal blocks of the monitor and proceed with the wiring.
- 3° - Configure the monitor and plug the terminal blocks again to the monitor.
- 4° - Insert the monitor into the frame.



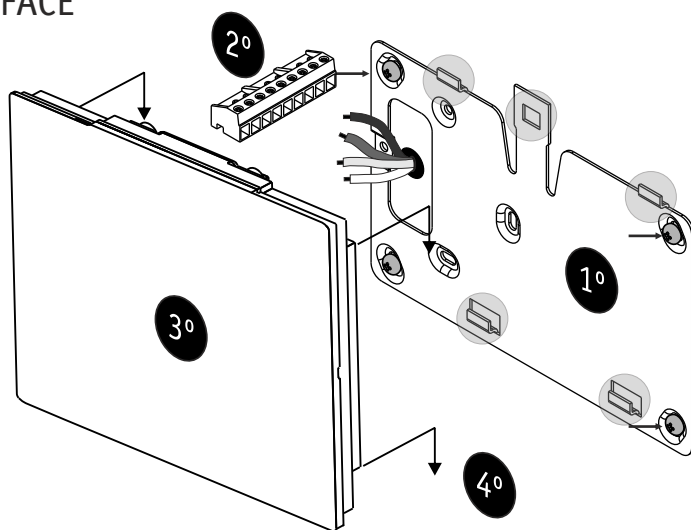
Note: When the monitor is placed into the frame, if you feel it is not firmly fixed, bend slightly the fixing points of the frame to increase the fastening

LOWER FIXING POINTS

UPPER FIXING POINTS



SURFACE

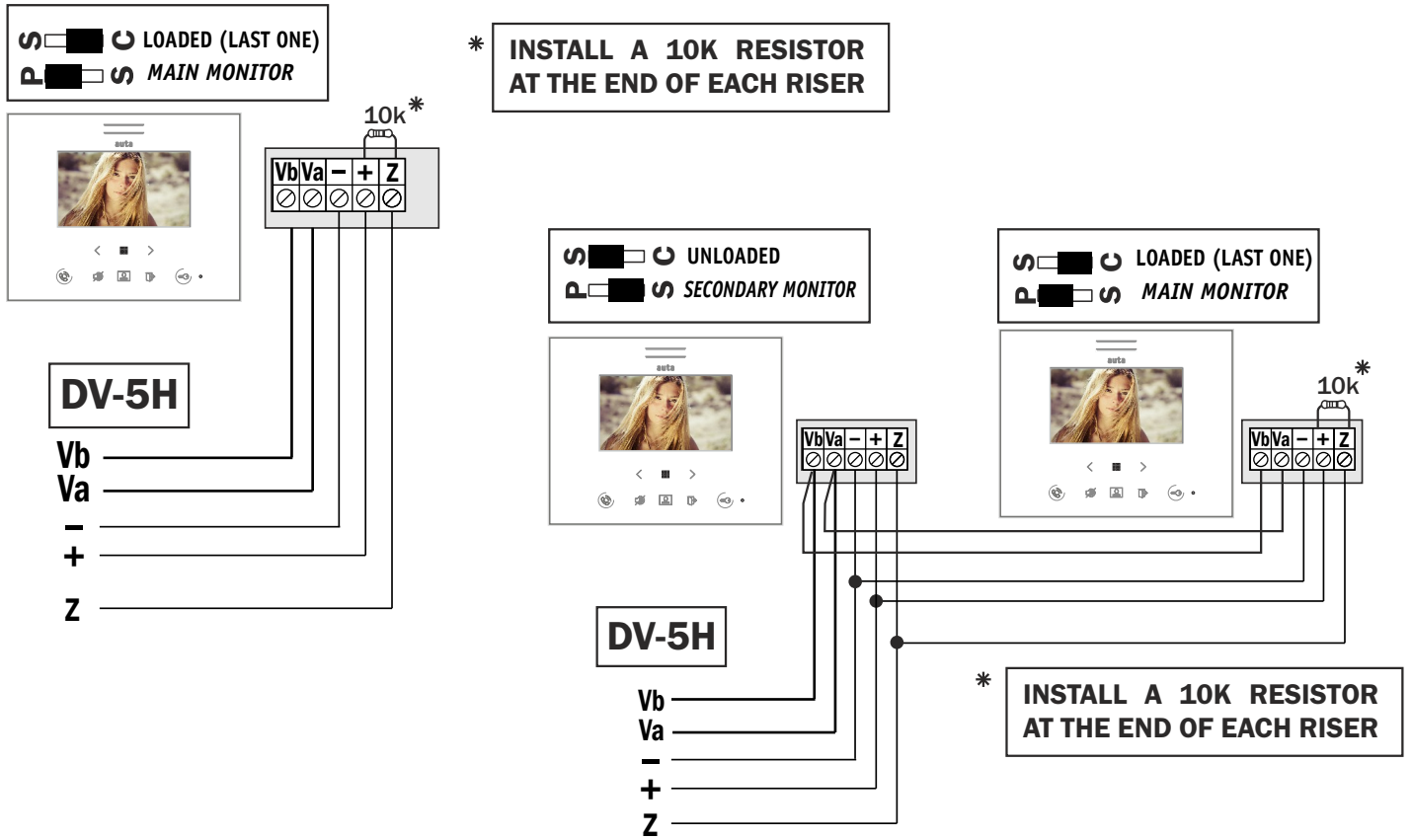


- MONITOR FIXING POINTS
- FIXING THE MONITOR TO THE WALL

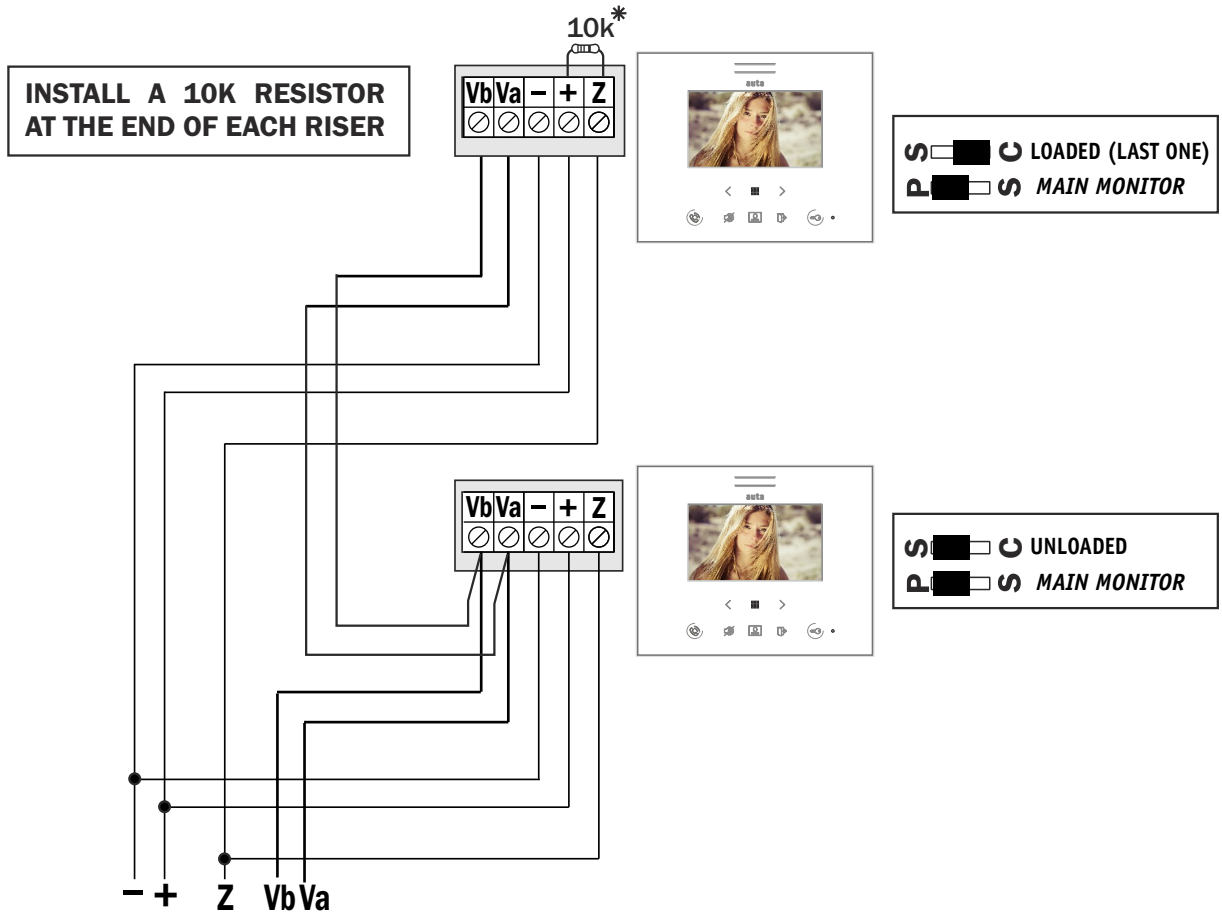
- 1° - Fix the iron sheet to the wall with the provided screws. The iron sheet allows adjusting little deviations.
- 2° - Remove the terminal blocks of the monitor and proceed with the wiring.
- 3° - Configure the monitor and plug the terminal blocks again to the monitor.
- 4° - Hang the monitor on the iron sheet that is fixed in the wall.

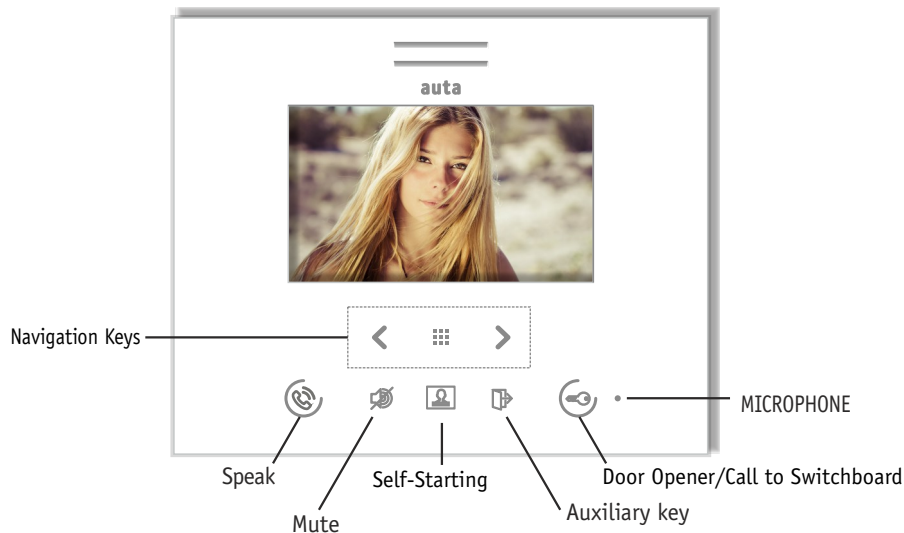
VISUALTECH

FLOOR DISTRIBUTION



CASCADE DISTRIBUTION




FUNCTIONING:

- **STAND BY:** At STAND BY MODE, the monitor is waiting to receive a call or have any key pressed. The keys that have function at this point are , , , . The other keys have no function in this state and, if they are pressed, they will show the ones that do. These functions are:

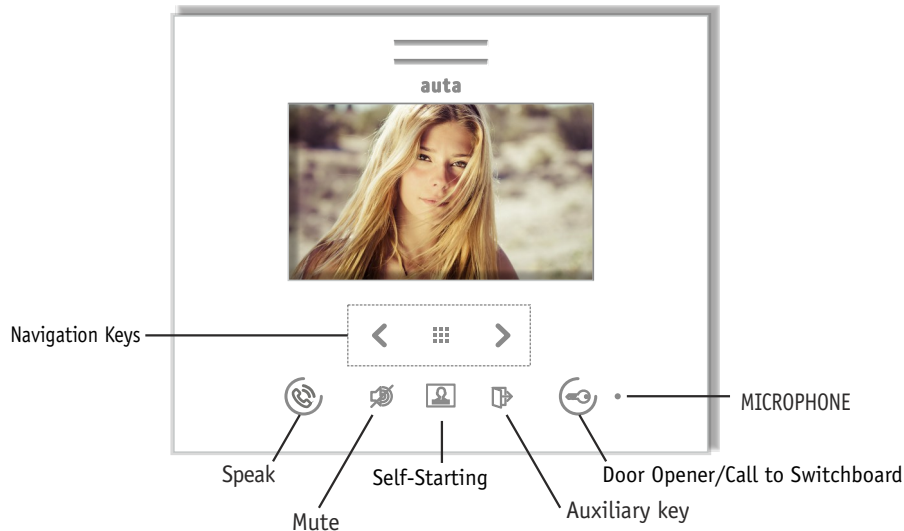
- **SELF-STARTING:** pressing the key, the monitor will show the video from the street for 30 seconds, without activating the audio. The keys that are active at this point will light up:
 - opens the door.
 - activates the auxiliary output.
 - turns off.
 - this key is flashing. Pressing it, the conversation gets established up to 90 seconds and the key led remains turned on.
 - allows to make video adjustments: brightness, contrast or color can be adjusted with or keys, which should be illuminated.
 - activates the auxiliary output of the monitor, for just 1 second.

- **CALL TO SWITCHBOARD:** from the STAND BY state, if key is pressed, a call is generated to the Switchboard. If it does not exist, an error tone will be heard.


- **RINGTONES SELECTION:** pressing key, a sample of the selected ringtone is generated. By pressing this key repeatedly, you can change between four different ringtones, each with three different volumes. The key is also used to program the "Silence Function".

- **INCOMING CALL:** When a call is received from the panel (or the Switchboard) the monitor begins to ring, the screen turns on, and the keys that can be used, light up.







- o If nothing is done, the call lasts 30 sec. and it returns to STAND BY state.
- o flashing: pressing it, the call will be attended, and the communication will be established. The conversation will last up to 90 sec. At this point you can:
 - Press to silence your voice towards panel; and press it again to get it back.
 - Press to open the door.
 - Press or to end the conversation.
 - Adjust the video settings by pressing .
 - Activate the auxiliary output of the monitor pressing .
- o If is flashing but you don't press it, you can also have all the previous functions done (The key will stop the ringtones).







- **SILENCE FUNCTION:** Allows you to avoid the ringtones of the incoming calls for a certain period of time. After this time, the monitor will automatically return to normal operation.

o In the STAND_BY state the  key will flash periodically, indicating whether this function is activated and for how long.

o Programming:


- Keep the  key pressed until the  key turns on (a tone is heard).
- Press  as many times as you wish, to set the Silence Function duration:
 - Once for 2 hours
 - Twice for 4 hours
 - Three times for 6 hours
 - Four times for 8 hours
- The  key will show the selection in groups of 0, 1, 2, 3 or 4 flashes. No flashing indicates the deactivation of the Silence Function.
- When the desired selection is reached, it is necessary to validate it by pressing . This will start the timing. If this is not done, the monitor will return to normal operation, after some time.
- While the Silence Function is activated, the  key emits groups of 1, 2, 3 or 4 flashes periodically, as selected.

o This function can be canceled at any time by entering in the programming mode and validating without having selected any time (Hold  until  lights up, then press ).

o If a call is received with the Silence Function activated, the monitor will not make the ringtones, will not show the video, but the rest of the functions remain the same (except , that will show the video if pressed).

Special Functions of the Monitor SLIM VISUALTECH. Installer Settings.

To set any of these special functions in the monitor, these steps should be followed:







- 1.- Remove voltage (or unplug the terminals).
- 2.- Set the desired code in the SWITCH (SW1), according to the Function Codes Table.
- 3.- Make a short between negative and the Bell Door Input of the monitor ().
- 4.- Turn on the monitor again. It is already configured, but it is not functional yet.
- 5.- Wait a couple of seconds and turn off the monitor. Undo the short and reset the SWITCH SW1 code with the desired monitor's call address. The monitor can now be used in the installation with its new configuration.

Function Codes Table:

Code	Function
0	Not used.
1	The monitor will only ring once.
2	The monitor will make 2 ringtones
3	The monitor will make 3 ringtones
4	The monitor will make 4 ringtones
5	The monitor will not sound, but the Auxiliary Ring Output will be activated with the tones previously set.
6	The Auxiliary Ring Output will be permanently activated during the entire duration of the ringtones.
7	The AUX Output will change between PULSE type (1s duration), and SWITCHER type.
8	The AUTOMATIC DOOR OPENER FUNCTION will be enabled. (See AUTOMATIC DOOR OPENER FUNCTION).
9	The Bell Door button can be used as a REMOTE DOOR OPENER.
255	Return to Factory settings.

Note : The monitor will remember its configuration after powered off. To revert it, you must enter the desired code again, or 255 to return to factory settings.

AUTOMATIC DOOR OPENER FUNCTION: The user can activate this mode to open the door automatically, after receiving a panel call. This option must be first enabled (Function Code 8) and, 4 hours later from its activation (see next paragraph), it will be automatically deactivated.

From the Standby State of the monitor, keep pressed the key  until the key  gets activated and a tone is heard. If the key  is pressed again nothing changes, but if the key  is pressed, the Automatic Door Opener Function will be enabled for the next 4 hours, and the key  will flash. In case the option was already enabled, it will be then disabled, and we will not see the flash in the key .

