YOUR SECURITY CHOICE

UNIKA

TOUCH SCREEN KEYPAD

MANUAL

RoHS COMPLIANT 2002/95/EC

IMPORTANT NOTES

- The following manual has been prepared to provide assistance to users who use the system. All those who use the systems listed in this manual must be authorized.
- The information contained in this document are property of AMC Elettronica s.r.l.
- All information contained in this document is subject to change without notice.
- Every part of this manual should be interpreted and used only for the purposes for which it was drafted, the use other than as prescribed must be authorized by AMC Elettronica srl, under penalty of forfeiture of the guarantee.
- All trademarks, symbols and examples contained in this manual belong to their respective owners.

GUARANTEE

AMC Electronics s.r.l. ensures that products are free from defects in workmanship.
The product is not installed by the manufacturer and can be used with other products not manufactured by AMC Elettronica srl, the manufacturer does not guarantee or be held responsible for damage and / or theft or other types of issues caused by an incorrect installation and / or configuration of the system.
Is not guaranteed to:
- improper use of the panel
- programming errors
- manipulation and vandalism
- wear and tear
- lightning, floods, fire.

AMC Electronics s.r.l. reserves the right to repair or replace the defective product within the limits established for 24 months.
A different use from that stated in this manual will void the warranty.
The installation must be performed in a workmanlike manner by qualified personnel.

COMPLIANCE

AMC Electronics s.r.l. declares that the UNIKA is provision of Directive 1999/5 /CE
On our web site www.amcelettronica.com

STANDARDS:

All products mentioned in this manual are in accordance with the rules:
EN 50131-1 + EN 50131-3 + EN 50131-6 (control and indicating equioment for alarm system)

MANUFATURER

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CONTENT OF THE PLASTIC & METAL BOX

In the carton box there is:

- UNIKA touch screen
- user manual

The packaging does not contain:

-SD card
- tag for use with internal tag reader
- software for create the foto slide show for screen saver

INTRODUCTION

Unika is a touch screen keypad for use with X and K panel from version 1.73 and 3.73 with certifification*
EN 50131-1 + EN 50131-3

DEVICES FOR CONTROL OF THE SYSTEM

There are 3 type of device for control of panel:
Type A: Klcd and Klight (normal keypad)
Type B: Klight plus and K blue (keypad with input/output)
Type C: Unika touch screen kpad (keypad with input/output and tag reader)

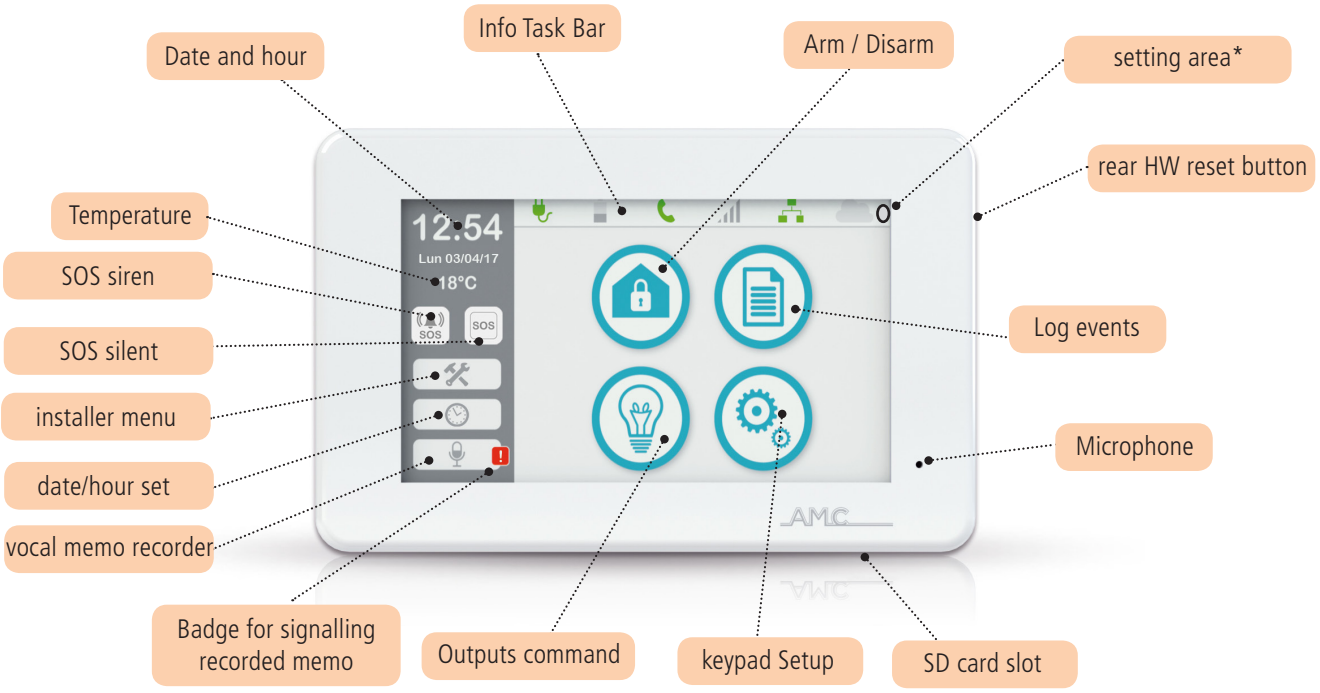
The main features are:

UNIKA	
DISPLAY	FT SIZE: 5.0" TFT LCD RESOLUTION: 480*272 LCD RGB INTERFACE
TOUCH SYSTEM	RESISTIVE
Tag Reader	NFC / RFID
SD card Reader	MICRO SD (fat 32 format)
microphone	for record vocal memo
speaker	for audio memo and system alerts
temperature sensor	only show the temperature
reset button	reset HW of keypad
terminals	power supply - BUS - Input/ output
adjustments	Contrast - brightness - standby - audio volume - screensaver imgages

ELECTRIC SPECIFICATIONS	UNIKA
power supply	13.8Vcc
Voltage range	10.5 - 15 Vcc
Max consuption	105mA@13.8Vcc
Min consuption	87mA@13.8Vcc
shape material	ABS
output current max	50mA@13.8Vcc
Dimensions	H = 100mm - L = 155mm - P = 18mm
weight	

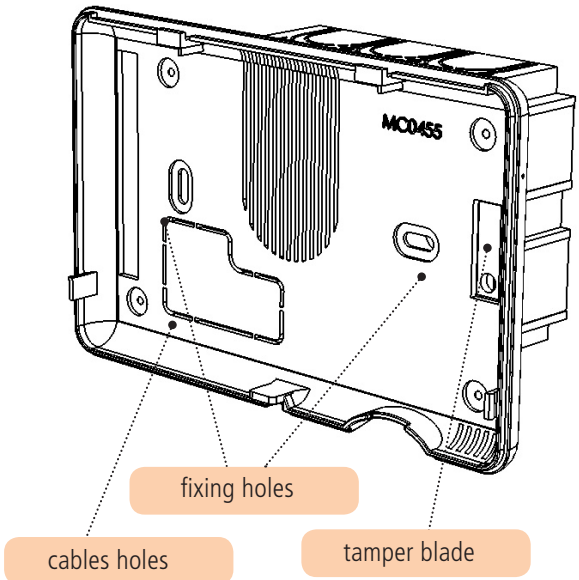
ENVIRONMENTAL CONDITIONS	
Environmental Class	class II
Temperature	-10 °C - + 40 °C
Maximum Humidity	75% (non-condensing)

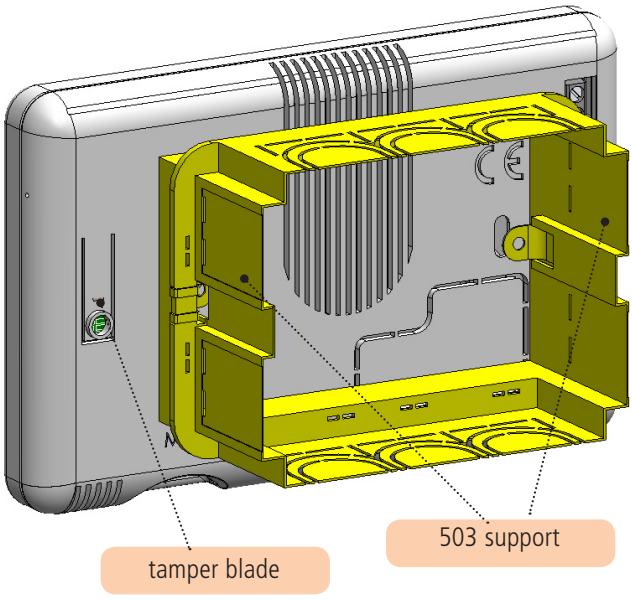
UNIKA

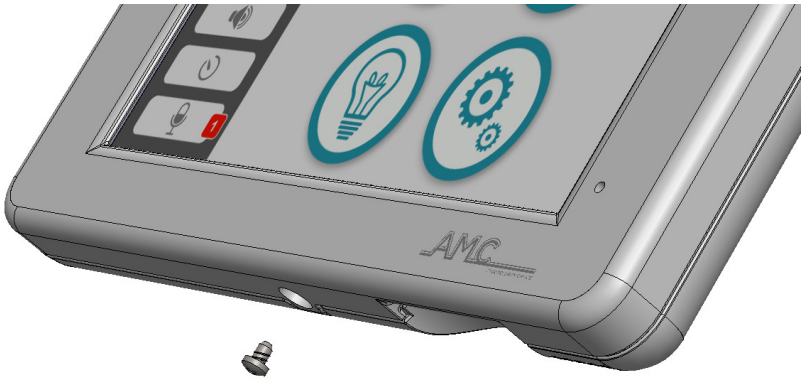


WALL MOUNTING

Unika is housed in BOX on Acrylonitrile-Butadiene-Styrene (ABS). UL94 V-0, with brominated flame retardant, without PBB / PBDE.
For the drilling of the wall, use the figure that represents the measurements of the distances of the holes of plastic box.
The distance of the holes is the 503 standard box.
IMPORTANT: take care that the tamper is closed and fix on the wall.
Drill, taking care not to damage any piping in the back of the wall.
Insert for each hole, 1 fisher with dimater of 4mm and Slide the cables through provided holes.
Fix the box on the wall with the right screw for fisher

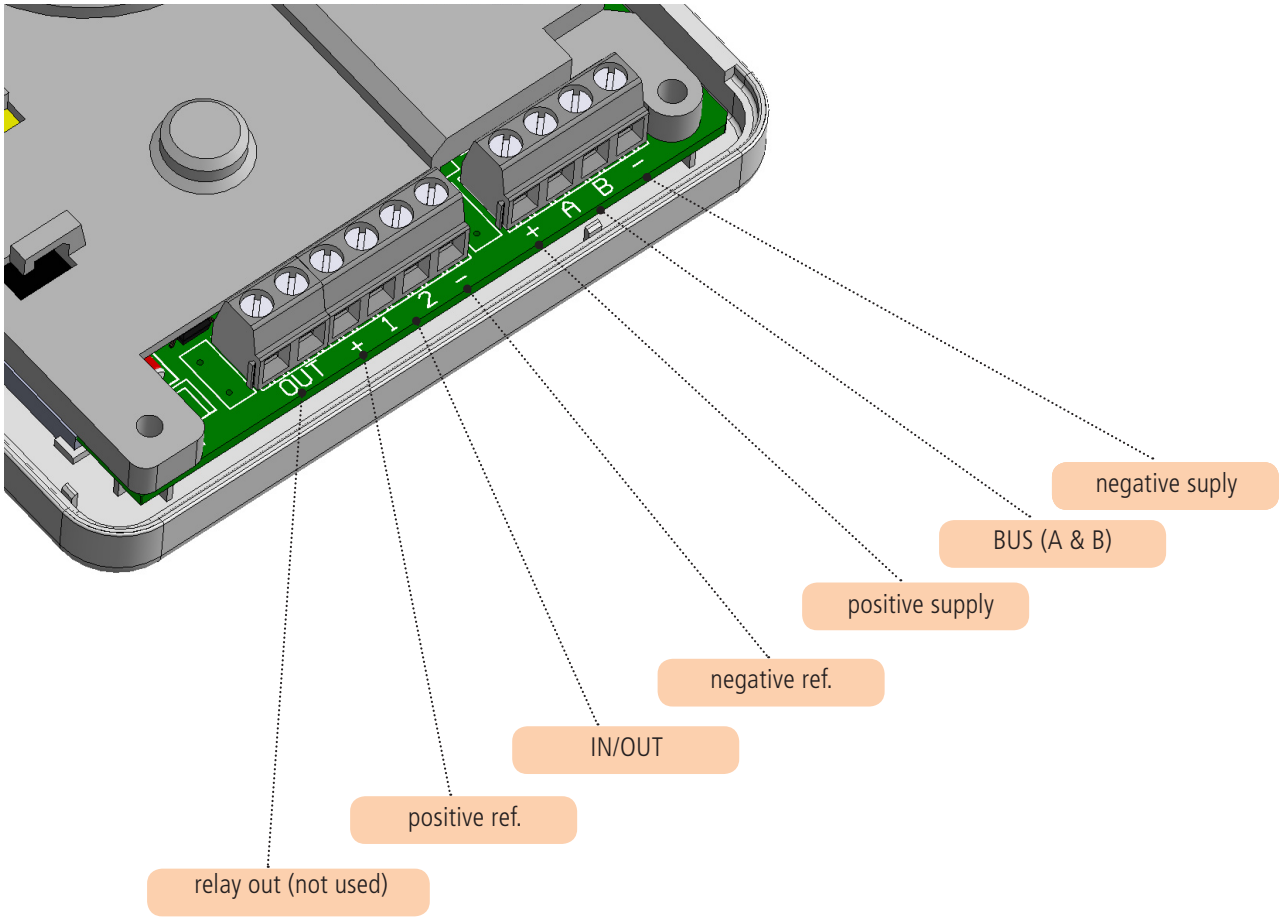






After cabling (see the cabling below) close the cover with screw.

CABLING

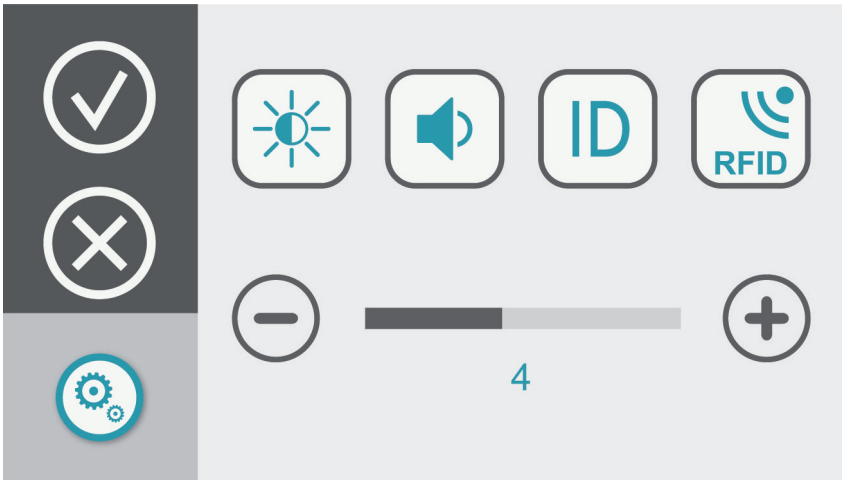


- Relay out (future use)
- positive reference for connecting sensors and/or conatct
- 1 - 2 input and/or output programmable directely from panel
- negative reference for connecting sensors and/or contact
- A & B RS 485 bus for connection to the panel

CONNECTING PANEL AND START UP

All Unika keypads are configured with address n° 1 (for change address follow the instructions)
Connect the Unika to the bus of panel, **without power supply,** A & B and + & -.
After connection power up the panel, if the the Unika is unique keypad connected, after few seconds will show the home screen.
In case there is another different keypad (for ex. K blue) with address n°1 is necessary change the address on UNIKA.

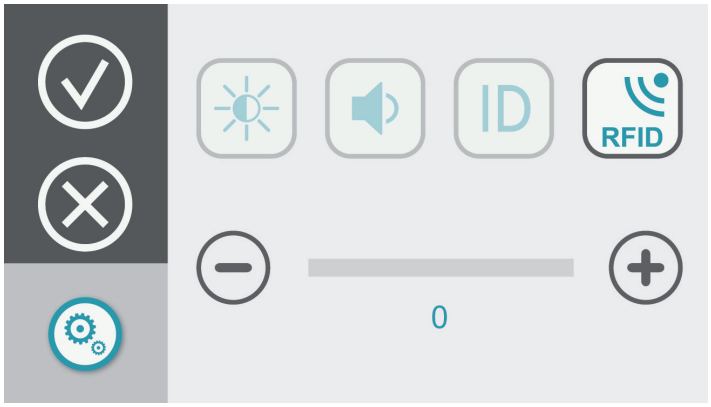
Press with a thin object, ex. screw drive, the high right angle for few seconds (see figure in Home chapter, SETTING AREA).



Select ID for change the address of keypad, use the buttons + & - for modify.

In the setting area it is possible set diffrent parameters:
- brightness
- speaker volume
- enable / disable internal RFID reader (see figure)

for enable RFID reader eneter in setting area, and turn on 1 the slide on RFID field.
1 = internal RFID enabled
0 = internal RFID disabled

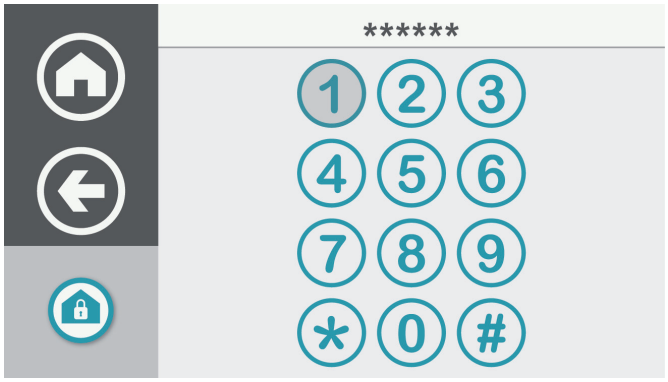


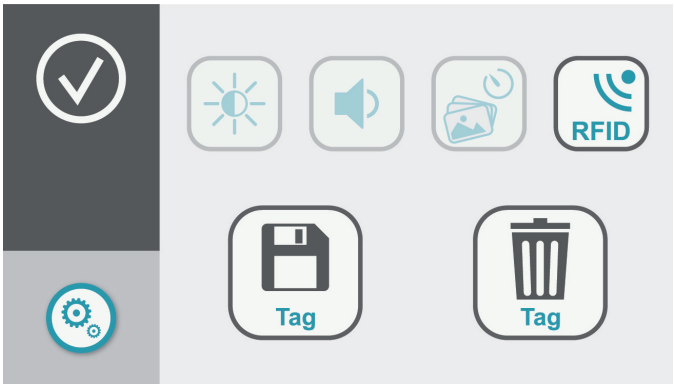
When the internal RFID is enabled, is necessary program the badge and or key for use.





Select keypad setup icon,  the system will ask the user code, after correct user code, select record tag icon 





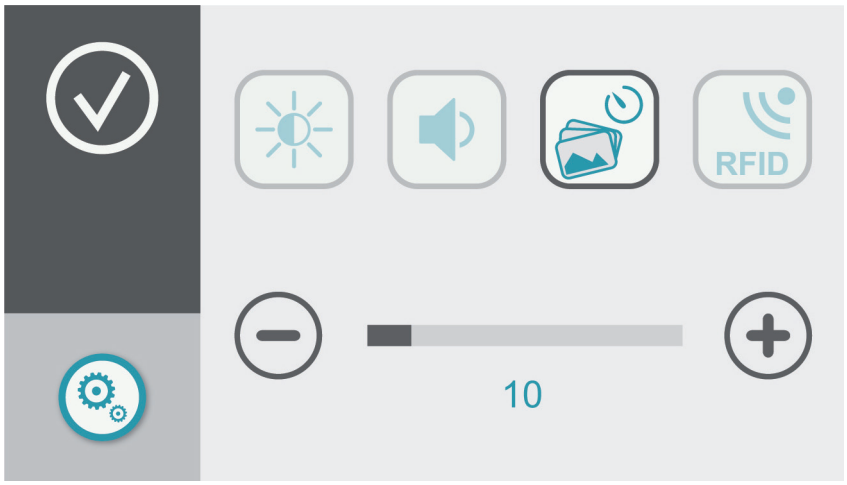
when the tag is programmed, configure the USER and the TAG profile following the panel manual.
For delete tag, after code select,
For use the tag on the keypad see figure below



SCREENSAVER

UNIKA has a screen saver system, that be configured with a photo slide show.
For use the screen saver is necessary have a micro SD card and the software "slideshow".
For prepare the slide show file, open the soft and drag your photos inside, the soft will prepare 1 file that be copied in the SD card.
Insert the SD card in SLOT of UNIKA.

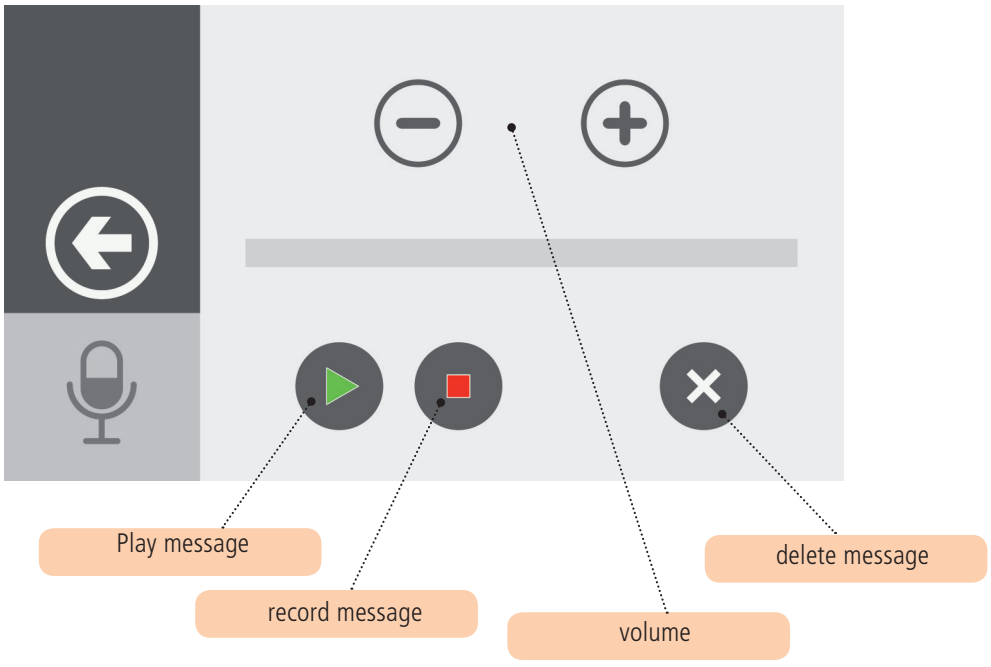
Select the  icon and after user code, select the screensaver icon see figure.



With buttons + & - modify time before start the screensaver. The time is in seconds.
After the set time will start the sequence of programmed photos.

VOCAL MEMO

It is possible to have a vocal reminder:
Select  memo icon, and will appear the screen for record / paly messages.....

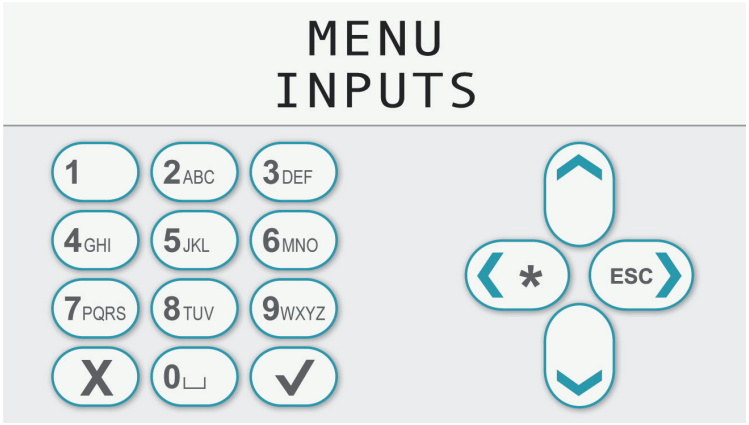


When there is a new message recorded the Icon will be with red badge 
select the icon for listen and delete the message.

Selecting the clock icon  it's possible set the date and hour of system.

INSTALLER MENU

Selecting  icon and setting installer code it's possible enter in all parameters of panel, with a traditional virtual LCD keypad.



SOS BUTTONS

For SOS alert   there 2 buttons icon in home screen, 1 for siren panic, and another for silent panic.

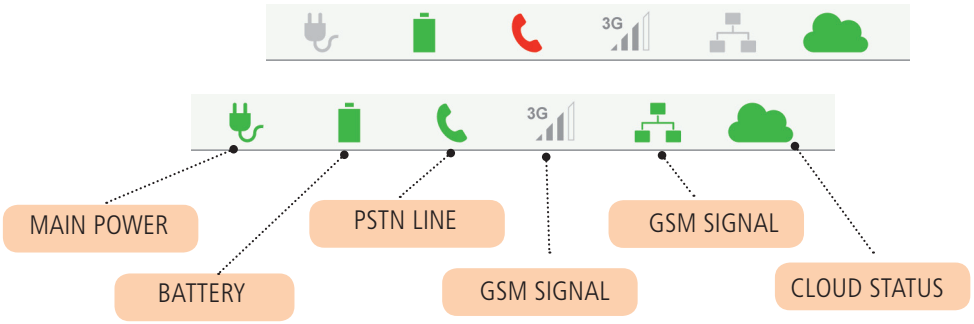
For activate the panic press and hold the buttons for few seconds.

TASK BAR

In UNIKA home there is a info task bar on the top.
In this bar it's possible to see the info panel:

- main power status
- back up status battery
- PSTN line status
- GSM/GPRS/3G signal
- network status
- cloud status

GREEN = STATUS OK
RED = FAILED
GREY = NOT ENABLED



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