LINCE
FEEL SECURE

# GOLD 869 MST CONTROL PANEL SERIES

ART. / ITEM:
9583-GOLD-MST-EN
9582-GOLD-MST-E-EN

GOLD 869

The CE declaration of this item is available on **www.lince.net** website.

The installation of the products listed in this manual must be performed by specialized personnel with the necessary technical knowledge; the products have been designed for use in domestic and civil contexts.

MADE IN ITALY

CE

## GOLD 869 SERIES CONTROL PANEL

Installation, operation and maintenance manual

# INDEX

*The information in this manual has been issued with care, but the company. will not be responsible for any errors or omissions. The company reserves the right to improve or modify the products described in this manual at any time and without advance notice.Terms and conditions regarding assistance and the product warranty can be found at Lince Italia's website www.lince.net. the company. makes it a priority to respect the environment. All products and production processes are designed to be eco-friendly and sustainable.*
*This product has been Made in Italy.*

- ***The company has a certified system of quality management according to ISO 9001:2015 (n° 4796 - A) standard.***
- ***The company has a certified system of environmental management according to ISO 14001:2015 (n° 4796 - E) standard.***

# 1 OVERVIEW

Control panel with 64 wireless inputs and 5 wired inputs, expandable to 30, with. Compatible with all devices of the GOLD series, indoor and outdoor detectors, magnetic contacts, sirens and remote controllers. **The fully bidirectional communication protocol** is digital and operates on frequencies from 868.00 to 869.65 MHz; the wireless range from the control panel to the peripherals is up to 1,500 m in free air. The safety and reliability of the wireless communication is guaranteed by FH (Frequency Hopping), by TDMA (Time Division Multiple Access) and **AES** (Advanced Encryption Standard). The system is equipped with the DES (Detection Event Stored) function: in the event of a lack of communication between the detector and the control panel (eg., attempts to jamming or environmental disturbances), the detector keeps alarms in memory and communicates them to the control panel when communication is restored. The continuous dialogue between the control panel and the peripherals also eliminates the danger related to attempts to disturb the frequencies (jammer). The 869 control panel is also equipped with a SLEEP function: this option allows the system to place the wireless devices in a sleepy state (in which they do not transmit and detect) at low power consumption if the control panel is removed or switched off for eventual maintenance. The system is also able to detect and signal interferences when the noise level is high enough to degrade the correct transmission between the devices. The long life of the peripheral batteries is guaranteed by a sophisticated software that modulates the output power of the transmissions between the control panel and peripherals, according to their distance. Being a latest generation bidirectional system, peripherals know the system status (on/off); when the system is disarmed, the peripherals are in standby mode, with the exception of tampering, so contributing to batteries saving. Whwn the system is armed, the detectors are not inhibited after the first detection, but continue to detect the intruder, becoming safe as a wired system. Adding the GSM board tothe the control panel it is possible a complete remote management via SMS, through LinceGSM APP. The system can be programmed with the appropriate software item 9580-GOLD-SOFT-EN, from computer. The WiFi IP board will allow to manage the control panel wirelessly over IP using the GoldSOFT. The GOLD-MST is compliant with EN 50131-1, grade 2. Housed in a metal box, able to contain a battery up to 18 Ah (not supplied), it is provided with a 3 A switching power supply. For flexibility of use, the control panel is supplied without control devices. Dimensions: 400 x 250 x 100 mm. **The system can also be connected via Wi-Fi to the internet and managed remotely via the LINCE cloud and LINCE Home APP.**

## 1.1 PACKAGE CONTENTS

Below is reported the package contents

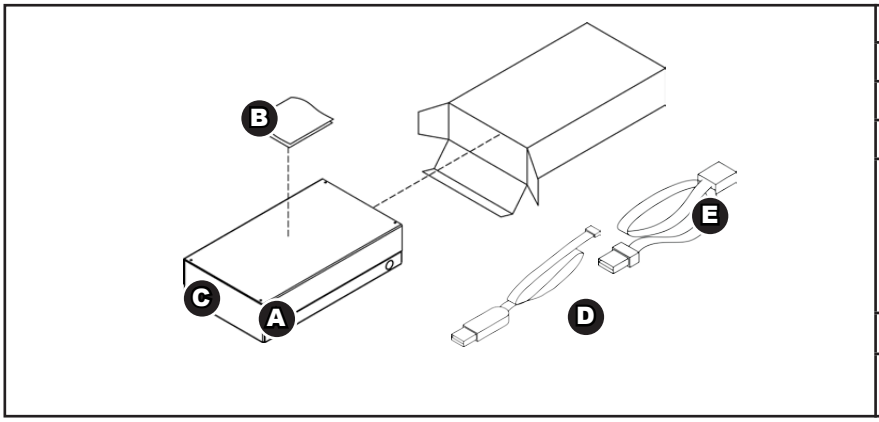



**Table 1**

| Item | Parts description |
|---|---|
| **A** | Centrale |
| **B** | Manuale di programmazione |
| **C** | Bustina con tasselli, microswitch anti-sabotaggio, tassello microswitch, resi-sotri di bilanciamento da 10 kΩ, cavo di terra, cavi con faston per antisabotag-gio, antenna (da avvitare) |
| **D** | Cavo GoldSOFT |
| **E** | Prolunga USB |

**Fig. 1**

# 2 GOLD 869 SYSTEM

The GOLD 869 system has several useful solutions to resolve the most demanding installation requirements: outdoor, indoor and curtain motion detectors, magnetic contacts, sirens and remote controls to easily arm/disarm the system.

## 2.1 SYSTEM ARCHITECTURE AND COMPONENTS

The system offers the option to store bidirectional wireless devices on LINCE proprietary BUS and the option of installing a GSM dialer card directly on the board of the control panel, inside its own case.

### 2.1.1 Programming devices

**9581-GOLD-SOFT-W-EN**

Multiplatform programming SW based on JAVA (Windows, Mac OS). Programming, complete management (local and remote via APP) and system update via Wi-Fi connection. Also available in version with USB connection **9580-GOLD-SOFT-EN** for programming only.

**LinceHOME**

### 2.1.2 Wireless devices of the GOLD 869 series

Below is a list of wireless devices compatible with the MST GOLD control panel:

**9502-GOLD-BOBBY-AM**

The detector, consisting of 2 PIRs and 1 x 24 GHz microwave, has been designed to deliver maximum outdoor performance in terms of detection, immunity to false alarms and to the wireless transmission distance. With internal adjustments and settings, the detection stage allows a protection area of 12 m with a triple AND set 85° opening and can actually be considered as PET IMMUNITY. Different settings make it safe and flexible; security is also ensured by the double optical anti-masking, one for each PIR.
Made entirely of UV-resistant polycarbonate, it is equipped with a Fresnel lens made in U.S.A. and a stainless steel wall mounting bracket.
It is also available in dual PIR version with anti-mask code and **9553-GOLD-BOBBY-AM-E.** Also available in curtain versions **9554-GOLD-BOBBY-AM-T** double technology with anti-mask and **9555-GOLD-BOBBY-AM-T-E** dual PIR with anti-mask.

**9507-GOLD-TP**
Indoor wireless magnetic contact for signals when doors and windows are opened. Designed to provide maximum performance in terms of detection, immunity to false alarms and wireless transmission distance. Additional input for another magnetic contact or rope detector for window blinds or inertial contact with impulse discrimination that can be selected from the control panel. Range up to 600 m in free air
Also available in brown with code **9508-GOLD-TP/M.**

**9528-GOLD-TP-L**
Same features as the 9507-GOLD-TP but with a range of up to 1.5 km in free air.
Also available in brown with code **9529-GOLD-TP-L/M.**

**9503-GOLD-BABY**
The curtain detector for doors and windows consists of 2 PIRs and 1 x 24 GHz microwave and has been designed to deliver maximum outdoor performance in terms of detection, immunity to false alarms and to the wireless transmission distance. The detection stage allows the crossing direction to be recognised and the precise microwave setting enables PET IMMUNITY if set to triple AND and fitted with double anti-masking, one for each PIR. Made of polycarbonate, it is equipped with Fresnel lenses made in U.S.A. that are particularly resistant to UV rays.
It is also available in dual PIR version with code **9515-GOLD-BABY/E.**

**9587-GOLD-AG**
Flooding detector for signaling environments invaded by water

**9504-GOLD-DT**
The indoor detector wireless double technology consists of 1 PIR and 1 x 24 GHz microwave with anti-mask. Designed to provide maximum performance in difficult environments in terms of detection, immunity to false alarms and wireless transmission distance. Fitted with a bracket with a metal lock that can be wall mounted - at an ideal height of 2.1 m and detects up to a maximum of 12 m with a 90° opening. Three signal LEDs for PIR, MW and alarm. Also available in the curtain version (with 8° opening) **9505-GOLD-DT/T**; **9525-GOLD-IR** volumetric infrared without anti-mask; **9526-GOLD-IR/T** curtain infrared without anti-mask; **9531-GOLD-DTE** double technology without anti-mask; **9532-GOLD-DTE/T** curtain double technology without anti-mask.

**9506-GOLD-DT/Z**
The indoor detector wireless double technology for ceiling installations consists of 1 PIR and 1 x 24 GHz microwave with anti-mask. Designed to provide maximum performance in difficult environments in terms of detection, immunity to false alarms and wireless transmission distance. Circular detection with a maximum diameter of 11.4 m if installed at a height of 4 m.Three signal LEDs for PIR, MW and alarm. Also available in the DT without anti-mask version **9536-GOLD-DTE/Z** and only infrared without anti-mask **9526-GOLD-IR/T**

**9509-GOLD-LESW**
Wired contact for window blinds and roller shutters with a wireless section. The detector has been designed to deliver maximum semi-outdoor performance in terms of detection, immunity to false alarms and wireless transmission distance. Impulses are set directly from the control panel. Placed inside the box, with the wire secured at the bottom of the shutter protects it from being opened, cut and broken, thereby allowing the alarm to be triggered even with the shutter is not fully closed. ABS body with lateral appendices for slides to be applied (optional) art. 1829-LESW/ST which facilitate their fastening. Patented internal leverage system to prevent the micro switch stall position.

**9511-GOLD-RC**
Wireless remote control for control panel management. All combinations related to arming, sectioning, choice of programs and disarming can be implemented with just two buttons. The three signal LEDs allow you to make selections (program type), using the first button, and confirm the choice made, using the second button. Aesthetically pleasing and ergonomic in use. Completely bidirectional, it receives the command execution response from the control panel. It allows you to view the system state, open input and alarm memory. Also available in anti-panic versions art. **9584-GOLD-AP** (like **9511-GOLD-RC** but with red buttons and LEDs) and anti-panic button **9593-GOLD-AP-T** equipped with a single visible button, useful for immediate alarm signals in the event of a


**OBLO 869 SIRENS**
Its design is based on a new concept to facilitate installation and maintenance. The siren is made entirely of polycarbonate, resistant to impact and UV rays; its unconventional aesthetics distinguish it among many. Powered by a non-rechargeable lithium battery (art. 001515/00251AA, not supplied) it is also equipped with a WIN (Wired Interface Network) power supply system that allows the siren to be powered in three different modes: non-rechargeable lithium (not supplied) - non-rechargeable lithium with mains power supply via 12 Vdc adapter (not supplied) - lead battery 12 V 2.2 Ah (not supplied) with mains power supply via 12 Vdc adapter (not supplied). The sound frequency is 1,800 Hz and the sound pressure - volume, adjustable from the control panel - is 115 dB @ 1 m if battery powered and 119 dB @ 1 m if powered by win. Maximum continuous acoustic alarm time of 3 min if battery powered and 5 min if powered by win. The siren is protected from being opened, tampered with and wall removed by means of a micro switch. Optical signalling occurs by means of a high efficiency LED. The electronic board has been designed and epoxy treated for outdoor installations. Monitoring optical message flashlighting every 60 s (only in win mode). Complies with EN50131-4, environmental class IV, IP43 protection rating, operating temperature: -25°C ÷ + 60°C. Dimensions: 277 x 251 x 72 mm. Available in two versions: **9510-GOLD-OBLO** and **9518-GOLD-OBLO/L** with anti-foam, anti-flame, WIN supply.

**9560-GOLD-PRIME**
Outdoor wireless siren with optical and acoustic signals, protected against opening and wall removal. Made of ABS, it is powered by a 6 V battery that conforms to EN50131-4, environmental class IV, IP43 protection rating, operating temperature: -25°C ÷ + 60°C.

**9557-GOLD-OUT**
The wireless output module extends the functions of the GOLD system and has a relay output that can be piloted from the control panel or dialer for applications, such as: activate camera recording (videoverification), control an electric lock, perform automated tasks, such as turn an electrical appliance on and off (together with an external relay, not supplied). The wireless output can be associated with a detector to be activated when an intrusion is detected. It also has the AND mode to be activated only when the intrusion has been detected by at least two detectors. The wireless output module also has a usable input, for example, to verify that the load has been activated.

**9590-GOLD-SMOKE**
Photoelectric smoke detector for domestic use. These types of detectors are generally more effective in detecting both slow fires that burn for hours and fires that quickly consume combustible materials and spread quickly.

### 2.1.3 Devices on BUS

Below is a list of BUS devices compatible with the Tosca GOLD control panel:

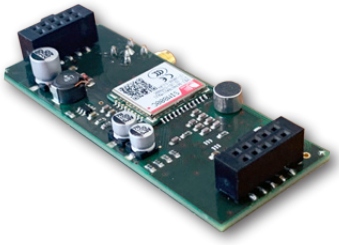
**CONTACTLESS KEYREADERS**
The contactless keyreader allows the programs to be enabled and disabled without having to press selection buttons. Compatible with **4008TKC** as well as the new LINCE customised RFID tags (**4133RFIDCARD** and **4135ROUND-KEYFOB**). The keyreader is available in four versions: art. **4132CONTACTLESS/M** (black) and **4137CONTACTLESS-B/M** (white) which allow for arming/disarming according to the programming of the keys (“master keyreader” function); art. **4131CONTACTLESS** (black) and **4136CONTACTLESS-B** (white) which also allow the keyreader to be sectioned by assigning it the programs that can be enabled/disabled (“slave keyreader” function). For the keyreaders to be installed correctly in the positions of boxes 503, they require an RJ45 keystone adapter (not supplied), depending on the domestic range used.

**4158EUROPLUS-INS-M**
The transponder keyreader allows the system to be switched by using the key art. **4008TKC**. It has 3 system display LEDs and a button to change the state and allows up to 7 arming combinations. Front-mounted adapters, available in the catalogue, must be used to install it in the various domestic ranges. Standard protection is recommended for outdoor installations. Is also available the keyreader **4157EUROPLUS-INS** which can be sectioned by assigning it the programs that can be enabled/disabled (“slave keyreader” function)

**4005EUROPLUS/IN**
The expansion board is connected to the BUS and allows the number of wired inputs of the control panel to be extended to a maximum of 7.

**TOUCH GOLD KEYPADS**
A modern and practical wired keypad with LCD touch display which can be connected via BUS to all GOLD 869 Series control panels. All operations, such as queries, enabling-disabling, sectioning, events log display and system management can be implemented, excluding programming. Favourite program combinations can also be set for rapid arming; the "emergency lamp" function is available. Available in black (art. **9574-GOLD-TCH-EN-B**) or white (art. **9573-GOLD-TCH-EN**). Dimensions: 142 x 79 x 17 mm.

### 2.1.4 GSM-GPRS Dialer



The **9579-GOLD-GPRS** dialer can be housed directly inside the control panel and allows remote management in terms of arming, disarming, programming and event management via SMS, voice call or smartphone app. It allows the control of four open collector outputs and one relay. Manageable through LinceGSM and LinceHOME applications available on Play Store and App Store.

**LinceGSM** **LinceHOME**

## 2.2 SPECIFICATIONS

| | 9583-GOLD-MST-EN | 9582-GOLD-MST-E-EN |
|---|---|---|
| **Power supply** | 230 Vac | |
| **Battery compartment** | max 12 V 18 Ah (Lince item 476LI18-12 not supplied) | max 12 V 7,2 Ah (Lince item 1112LI7,2-12 not supplied) |
| **Power supply** | 13,8 Vcc 3 A (Lince item 1699LMQ35) | 13,8 Vcc; 2 A (Lince item 001505/00052AB-AC) |
| **Transmission frequencies** | 869.40 MHz-869.65 MHz 1 channel, 868.00 MHz-868.60 MHz 4 channels | |
| **FH** | Frequency Hopping | |
| **TDMA** | Time Division Multiple Access | |
| **AES** | Advanced Encryption Standard | |
| **Range** | up to 1.5 km in free air (the range depends on the type and the combined device) | |
| **Display** | Optional | |
| **Total wireless devices** | up to 64 (between detectors, radio controls, etc.) | up to 32 (between detectors, radio controls, etc.) |
| **Wireless areas** | up to 64 | up to 32 |
| **Wired areas** | 5 expandable up to 30 | 2 expandable up to 15 |
| **Wireless sirens** | up to 64 | up to 32 |
| **Wireless controls** | up to 64 | up to 32 |
| **NC area 24 h** | 1 input | |
| **Alarm output relay** | 8 Dual exchange | |
| **Arming programs** | 3 | |
| **Sectioning** | 7 different combinations | |
| **Open collector outputs** | 4 programmable (max 100 mA) | |
| **Non-volatile events log** | 512 events | |
| **Users** | 32 | |
| **Access level** | Admin, user, installer | |
| **Dimensions:** | 425x245x110 mm | 202x85x357mm |
| **Working temperature** | 5°C ÷ 40°C | |

## 2.3 INTERNAL PARTS DESCRITPION

### 2.3.1 Cabinet front panel opening mode

The cabinet can be opened of our metal power plant can be opened in three different ways.
1. Left-hinged opening (default setting): classic “book” opening, achieved by unscrewing the two front door locking screws (fig. 4).
2. Right-hinged opening: the front panel opens from left to right. This is achieved by unscrewing the two front door locking screws, removing the two captive screws from the left hinges, and replacing them on the right hinges. (fig. 5)
3. Frontal opening: this is achieved by unscrewing the two front screws on the front panel, removing the captive screws from the hinges, and replacing the front panel using only the two front screws (fig. 6).

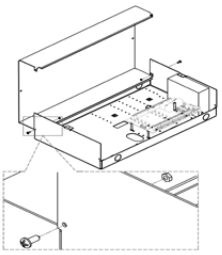


Fig. 3

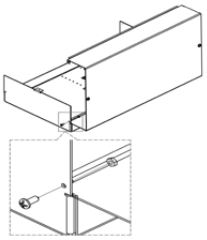


Fig. 4

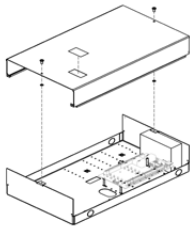


Fig. 5

### 2.3.2 Components of the 9583-GOLD-MST-EN CONTROL PANEL

This brief description can be useful in order to identify all the main parts of the control panel if, for maintenance interventions, it is necessary to open it.

**Table 2**

| Item | Parts description |
|---|---|
| **A** | Mother board |
| **B** | Power Supply |
| **C** | Battery compartment (not supplied) max 18 Ah |
| **D** | Cable passage |
| **E** | Wall fixing holes |
| **F** | Tubolar vial |
| **G** | Fixing holes for expansion cards |
| **H** | Ground connection with the cover |
| **I** | Plate for tamper proof |

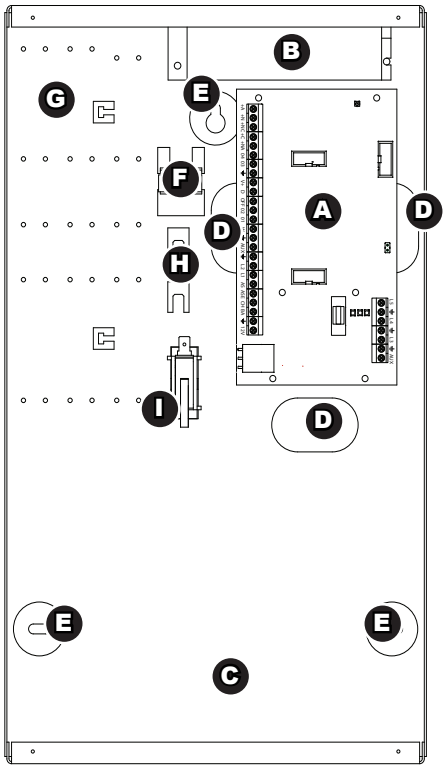



Fig. 2

### 2.3.3 9583-GOLD-MST-EN POWER SUPPLY

The power supply is switching type and supplies power to both the motherboard and the entire system. To access it, it is necessary **to disconnect the control panel from the mains supply paying the utmost attention to the danger of electric shock** and unscrew the screw that secures the power supply to the bottom of the control unit to remove the power supply from its seat. Unscrew screws **A** and **B** to remove the metal protection grid. Inside there are two fuses **C** (2.5 A, 250 V) and **D** (6.3 A, 250 V), which are used respectively for protection against overvoltages (coming from the mains supply) and from the inversion of battery polarity

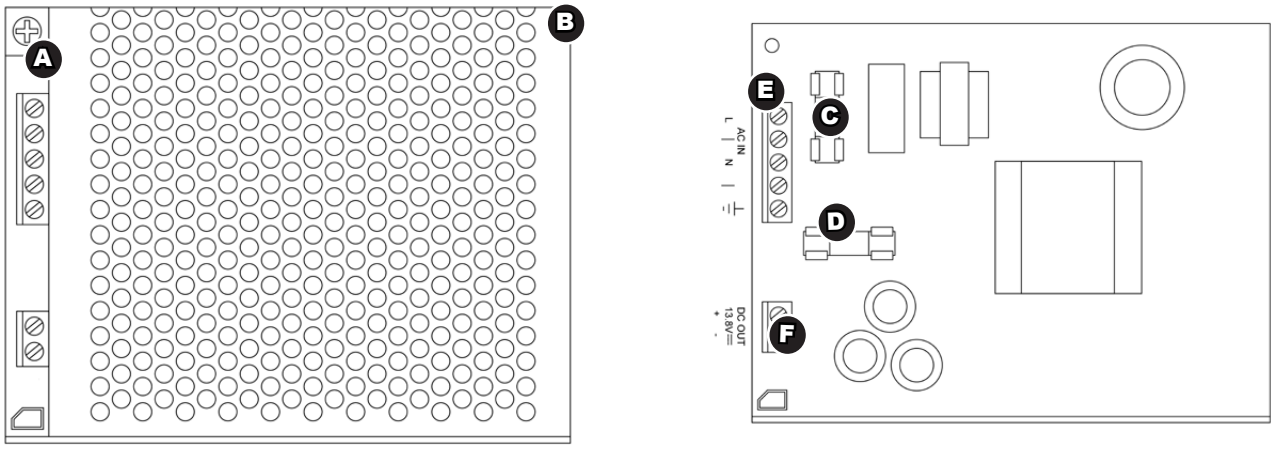



**Fig. 7**

An auxiliary output **F** is available on the power supply side, connect any load respecting the polarity indicated on the sticker above the terminal board; on the other side it is possible to connect the mains supply **E**, paying the utmost attention to the indicated direction also in this case.

### 2.3.4 Components of the 9582-GOLD-MST-E-EN control panel

This brief description can be useful in order to identify all the main parts of the control panel if, for maintenance interventions, it is necessary to open it.

| Table 3 | |
|---|---|
| **Item** | **Parts description** |
| **A** | Mother board |
| **B** | Power Supply |
| **C** | Battery compartment (not supplied) max 18 Ah |
| **D** | Cable passage |
| **E** | Wall fixing holes |
| **F** | Fixing holes for expansion cards |
| **G** | Ground connection with the cover |
| **H** | Plate for tamper proof |
| **I** | Terminal block for mains connection |
| **L** | Cables for battery connection |

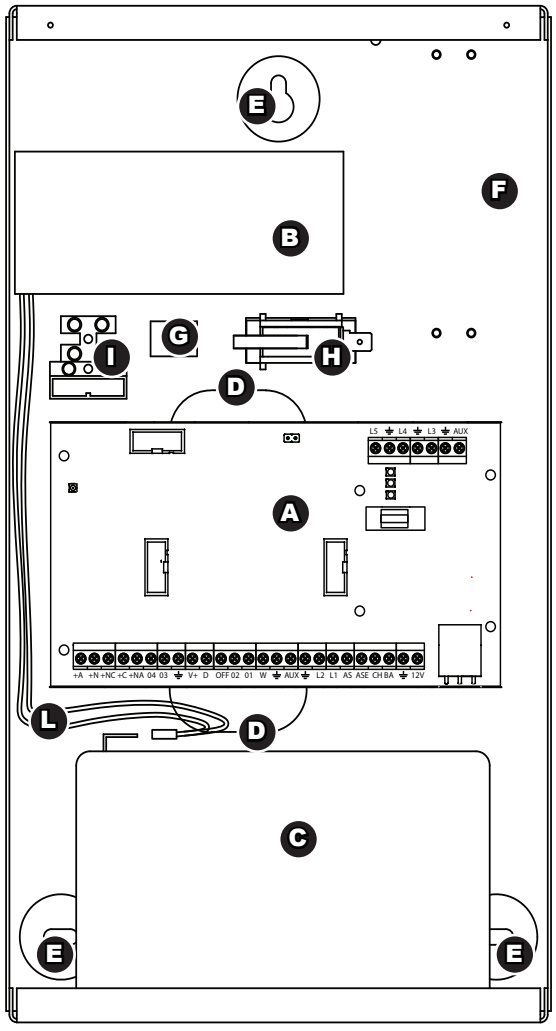
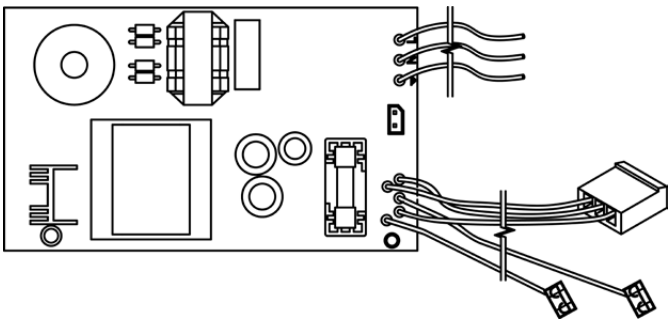



**Fig. 6**

### 2.3.5 9582-GOLD-MST-E-EN power supply

The power supply is switching type and supplies power to both the motherboard and the entire system. To access it, it is necessary to **disconnect the control panel from the mains supply paying the utmost attention to the danger of electric shock** and unscrew the lateral screws that fix the cover and remove the feeder itself from its seat. Inside there is a fuse (6.3 A 250 V), used to protect and from the inversion of battery polarity. An auxiliary output is available on the side of the power supply **F**, connect any load respecting the polarity indicated on the sticker on the terminal board.



### 2.3.6 Mother board

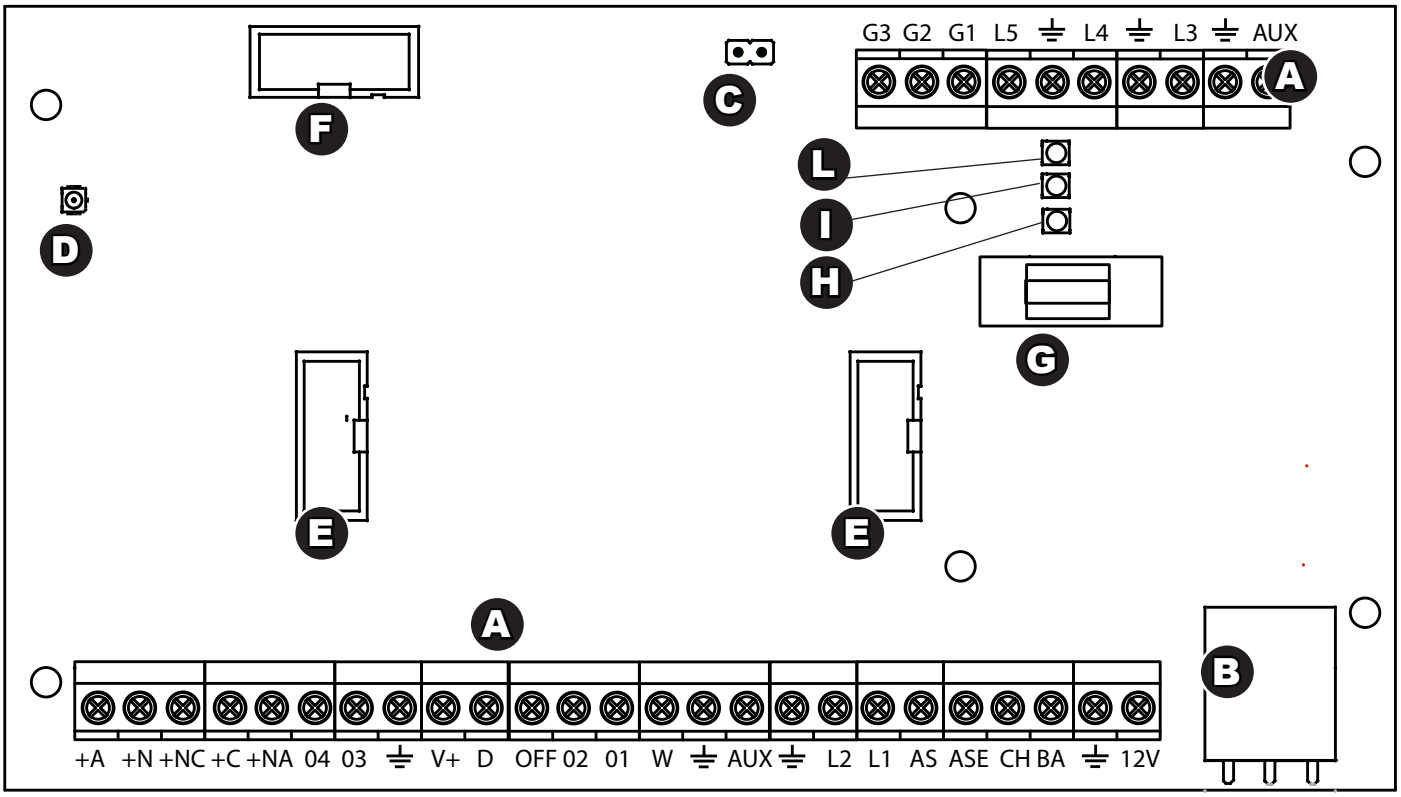



**Fig. 8**

| Table 4 | |
|---|---|
| **Item** | **Parts description** |
| **A** | Input/Output terminal blocks |
| **B** | Connector for power supply |
| **C** | Service Jumper |
| **D** | Antenna connector |
| **E** | Connectors for GSM module installation |
| **F** | Connector for PC programming (requires the supplied 9580-GOLD-SOFT-EN or 9581-GOLD-SOFT-W-EN) |
| **G** | Fuse 2 A 250 V (delayed) for 12 V output protection |
| **H** | Green LED:<br>**Switched ON:** indicates that all instant inputs are closed and therefore it is possible to arm the system.<br>**Switched OFF**: indicates that one or more instant inputs are open, therefore the arming is subject to the closing or exclusion of the open inputs |
| **I** | Yellow LED:<br>**Switched ON:** with a message on the display indicates faults such as broken fuses, mains failure, dead batteries and sabotage in progress; without message on the display it indicates alarm memories.<br>**Switched OFF:** Indicates that there are no anomalies in the system<br>**Blinking:** Indicates that at least one event is present in memory and will continue to flash until a memory a reset is performed. |

### 2.3.7 Description of the terminal blocks (inputs and outputs)

Below is a detailed description of the terminal blocks on the exposed side of the control panel. Tkeep in mind that the numbering of the terminals goes from top to bottom and from left to right (refer to the previous drawing).

**Table 5**

| TERMINAL BLOCK | DESCRITPION |
|---|---|
| **+A** | • Stand-by: No voltage (floating terminal block)<br>• Alarm: Positive present max. 0.8 A continuous<br>The relay programming follows; connect a non self-powered siren to this terminal block, which can be used as a load with SMS command. |
| **+N** | • Stand-by: Positive present max. 0.8 A continuous<br>• Alarm: No voltage (floating terminal block)<br>The relay programming follows; connect a self-powered siren to this terminal block, which can be used as a load with SMS command. |
| **NA; C; NC** | Free relay exchange 10 A programmable via the keypad; can be used as a load with SMS command. |
| **04, 03** | Default negative programmable open collector output is associated with the state of alarm K.<br>The piloting capacity of this output is 80 mA. Can be used as a load with SMS command. |
| ⏚ | Reference mass, negative power supply (all the masses are common) |
| **V+** | BUS power supply |
| **D** | BUS data |
| **OFF** | The OFF output is a positive present with the control panel disabled, whereas a mass is present when the system is enabled. The piloting capacity of this output is 80 mA. The polarity can be inverted. |
| **02, 01** | Default negative programmable open collector output is associated with the state of alarm K.<br>The piloting capacity of this output is 80 mA. Can be used as a load with SMS command. |
| **W** | Negative output in case of fault, fuse, low battery or power cut; the latter can be programmed<br>from the keypad as immediate after the failure or 20 minutes after the power cut |
| ⏚ | Reference mass, negative power supply (all the masses are common) |
| **AUX** | Positive always present for powering external devices (detectors, etc.) protected by a fuse that can be reset |
| ⏚ | Reference mass, negative power supply (all the masses are common) |
| **L2, L1** | Freely programmable line inputs and freely connectable to the arming programs |
| **AS** | Control panel tamper input line |
| **ASE** | AS input to connect external device sabotage |
| **CH** | Impulse type input referred to the mass to simultaneously enter programs 1, 2 and 3 |
| **BA** | Preset self-powered siren battery control input. (Check the presence of the terminal block on the siren). When there is a mass on this terminal block, the W output is activated |
| ⏚ | Reference mass, negative power supply (all the masses are common) |
| **12 V** | Positive always present for powering external devices (detectors, etc.) |
| **AUX** | Positivo sempre presente per l'alimentazione di dispositivi esterni (rilevatori, ecc) protetto da fusibile ripristinabile |
| ⏚ | Reference mass, negative power supply (all the masses are common) |
| **L3** | Freely programmable line inputs and freely connectable to the arming programs |
| ⏚ | Reference mass, negative power supply (all the masses are common) |
| **L4** | Freely programmable line inputs and freely connectable to the arming programs |
| ⏚ | Reference mass, negative power supply (all the masses are common) |
| **L5** | Freely programmable line inputs and freely connectable to the arming programs |
| **G1** | Impulse type input referred to the mass to arm programs 1 |
| **G2** | Impulse type input referred to the mass to arm programs 2 |
| **G3** | Impulse type input referred to the mass to arm programs 3 |

### 2.3.8 Anti-tear and anti-opening microswitch

The 9583-GOLD-MST-EN control unit is supplied with a kit that includes a microswitch and a tear-proof plate. To guarantee the anti-tear function, follow the next steps:

- connect the wires with black fastons to the “AS” terminals and the control panel ground;
- connect the fastons cables to the COM and NO terminals of the microswitch as shown in the figure;
- fix the anti-tear plate in the relative seat on the bottom of the control panel using a plug;
- fit the microswitch with the cables on the previously fixed support.

The images below show the connection modes of the fastons to the microswitch and its position in the two 9583-GOLD-MST-EN control panel (Fig. 7) and 9582-GOLD-MST-E-EN (fig. 8).

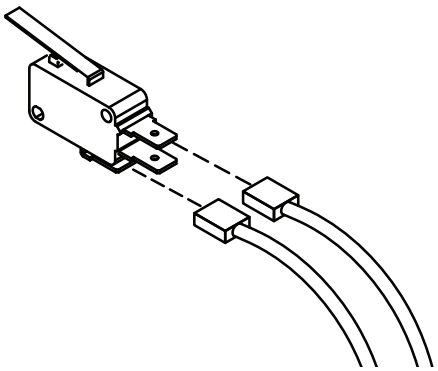


Fig. 9

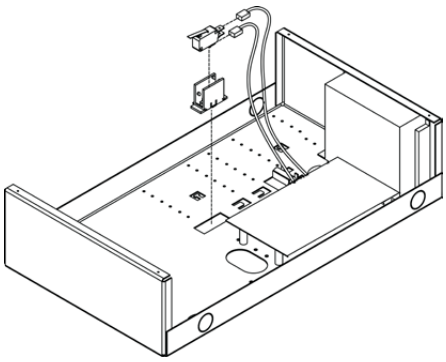


Fig. 10

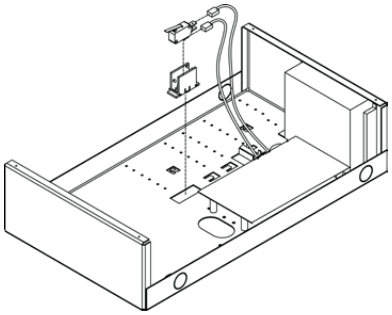


Fig. 11

### 2.3.9 Battery

The control unit can house a 12 V lead battery from 7.2 Ah to 18 Ah (not supplied, Lince codes: 1112LI7,2-12 for the 7.2 Ah and 476LI18-12 for the 18 Ah), which is used for supply power to the system independently of the mains supply. The battery must be chosen based on the size of the system and on the basis of the autonomy time you wish to have: for a correct sizing of the system refer to the relative section. Connect it to the cables with red and black fastons that come out of the control panel paying attention to the polarity of the connections.

### 2.3.10 Ground connection

Inside the bag there is a yellow-green cable with two fastons needed to connect the cover to the ground through the short tab on the cover and one of the two on the bottom (fig.2 Item **H** for 9583-GOLD-MST-EN and fig .3 Item **G** for 9582-GOLD-MST-E-EN)

### 2.3.11 Mains connection

In the 9583-GOLD-MST-EN control panel, on the power supply side, there is the terminal block **E** for connecting the 230 VAC 50 Hz mains power supply +/- 10%; it is only necessary to connect phase, neutral and earth to the respective terminals. For the 9582-GOLD-MST-E-EN control panel there is a terminal board (**I** fig. 3) on which it is possible to connect the mains power supply.

### 2.3.12 Antenna installation

Per la centrale 9583-GOLD-MST-EN è sufficiente avvitare l’antenna in dotazione sul connettore dorato presente sulla parte alta della centrale.Per la centrale 9582-GOLD-MST-E-EN fissare il connettore dorato (già cablato sulla scheda) nel foro presente sulla parte alta della centrale; successivamente avvitare sopra l’antenna in dotazione.

### 2.3.13 Expansion card slides

The slides can be used to place any expansion boards directly in the control panel enclosure. Inside there are already 3 plastic supports that can be screwed (using the parker screws supplied) into the space provided, depending on the size of the board it will be fitted with. The spaces are designed to accommodate the cards (without the respective plastic containers) of the following products:

- **4005EUROPLUS/IN:** inputs expansions;
- **1608SHUNI:** universal pulse counter card;

If it is necessary to install a higher number of cards, it is possible to buy the 1893-EUROSLIT kit containing 9 additional card supports separately. To install them, both those supplied with the control unit and those that can be purchased separately, simply screw them into the appropriate spaces, positioning them according to the type of board they are to be fitted with.

**NOTE:**

- Each guide is able to accommodate two cards so for example for two expansion cards, it is sufficient to use three supports;
- the 9582-GOLD-MST-E-EN unit has only one space available to connect an additional board.19

# 3. INSTALLATION

To proceed to a correct installation of the control panel, follow the instructions below:

- unscrew the four cover closing screws;
- fix the control panel to the wall using the holes present and using appropriate plugs and place it in a vertical position using the tubolar vial on the bottom;
- remove the adhesive tape and screw the antenna on the top of the control panel;
- connect the mains power supply to the power supply terminal board, respecting the direction indicated on the terminal board itself.

**NOTE:**
Avoid excessive tightening of the plugs if the wall where the unit is being fixed does not appear to be perfectly smooth (the bottom could be deformed with consequent difficulty in closing).

## 3.1 SOFTWARE INSTALLATION

After connecting the cable to the computer and to the control panel, carry out the following steps:

- install the GoldSOFT cable drivers on your computer by downloading them from the site https://www.silabs.com/products/development-tools/software/usb-to-uart-bridge-vcp-drivers always paying attention to the operating system used on the computer
- Download the latest version of the GoldSOFT program from the LINCE website https://www.lince.net/index.php/download/viewcategory/46-GoldSOFT after logging in;
- open the GoldSOFT folder and inside it, click on the GoldSOFT.jar file;
- enter the default “lince” password that can be changed later

Fig. 12

## 3.2 SOFTWARE UPDATE

With the PC connected to the Internet, the software automatically checks the availability of updates on the LINCE site for the Wi-Fi card, the GoldSOFT and the firmware of the control panel itself. If new software is available, the following message will be displayed:

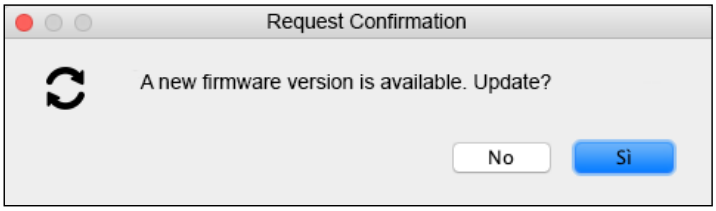


Fig. 13

**Insert the service jumper before start the updating process**

Then follow the information on the computer screen to complete the update.
Otherwise, if you do not have an internet connection, you can check for new software in the section on the LINCE website www.lince.net. Download the relevant file and select “System” -> “Updating FW control panel” (fig. 10), then select the * .bin file downloaded (Fig. 9) concerning the last update available for the control unit in your possession.

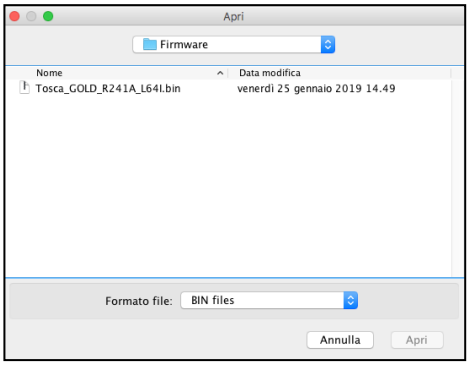


Fig. 14

**Be careful to select the * .bin file related to your control panel version (64, 48 or 36 zones)**

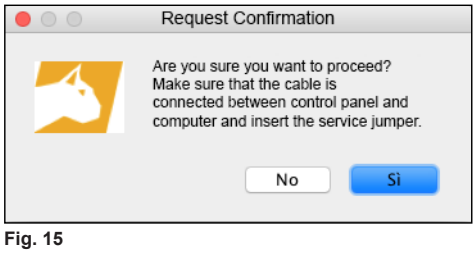


Fig. 15

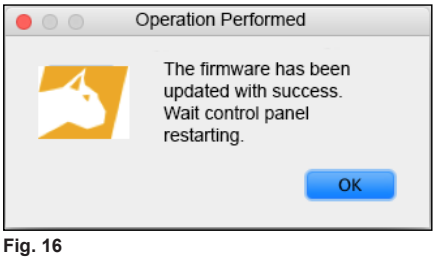


Fig. 16

In both cases, at the first alert message confirm that you want to proceed with the update and then click OK to end the update process. At the end of the procedure, **remove the service jumper**.

## 3.3 FIRST CONNECTION

Select the “Choose communication channel”, click on the menu bar under “System” -> “New” to set the proper serial port. On the first screen there is an example of a port choice with Macintosh system, while in the second case with a Windows system.

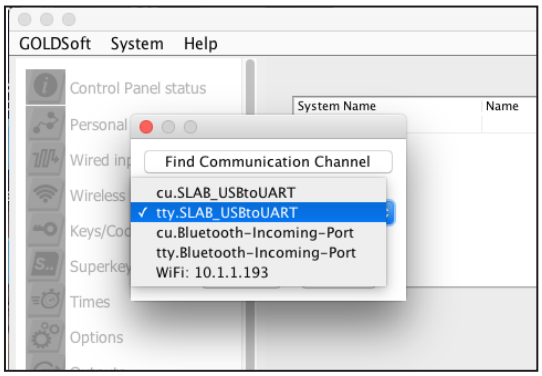



Fig. 17

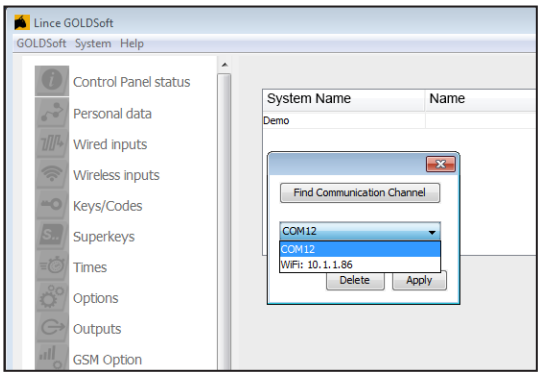



Fig. 18

Enter an administrator code (default code 456) or installer code (default code 123) to download the configuration present in the control panel.

| CODE | DESCRIPTION |
|---|---|
| 456 | Administrator |
| 123 | Installer |

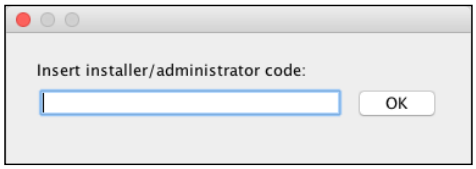



Fig. 19

In the screen that appears as soon as you are logged in at the bottom right, it is possible to read informations about the access privileges and the type of connection is shown. In the example shown, an installer has connected via cable.

Connection to the card via cable

Connection to the card via Wi-Fi

| | |
|---|---|
| *[INST]* | Access with installer privileges |
| *[AMM]* | Access with administrator privileges |
| *[SERVICE]* | The control panel is in service status |


Fig. 20

At this point, it is possible to proceed with the connection with the control panel referring to what is reported in the following manual.

**Depending on the type of access (administrator or installer) some sections will not be accessible.**

# 4. CONFIGURATION AND PROGRAMMING

## 4.1 SYSTEM

Click on the icon for “System” -> “New” to download the configuration of the connected control panel. Then enter the information related to the system registry and click on “Save” giving a different name to the one proposed by default.

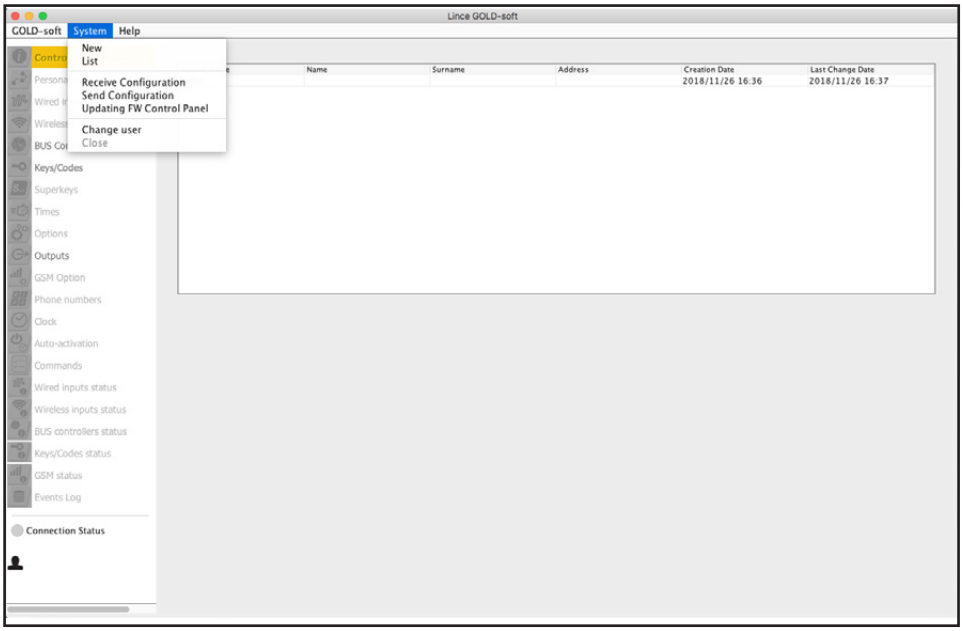



Fig. 21

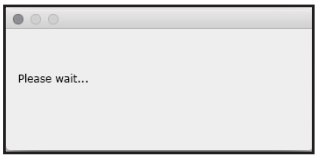



Fig. 22


Fig. 23

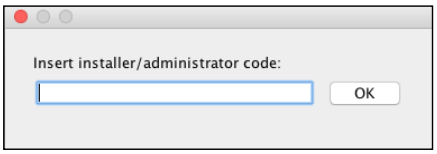



Fig. 24

After clicking on “New” a waiting window appears, in this phase the system queries the control panel to check if it is connected in the cloud and the presence of the service status; in this case a warning window is displayed (shown above) in order to use the software it is therefore necessary to disconnect the control unit from the cloud referring to the relative section.
If, on the other hand, the control unit is in “Service”, the software automatically downloads the configuration, otherwise an administrator or installer code must be entered.

## 4.2 PERSONAL DATA

In this screen you can set the name of the system, the customer data and any notes. The assigned name then appears in the list on “System” -> “list”. The “Control Panel id” item is a unique identifier required when registering the control panel on the Cloud, so it will be the APP itself that will request to enter it at the appropriate time. To view it, click on the relevant item. Note that, as indicated by the software, the control panel is disconnected from the software. It is therefore necessary to connect again to continue with the configuration.

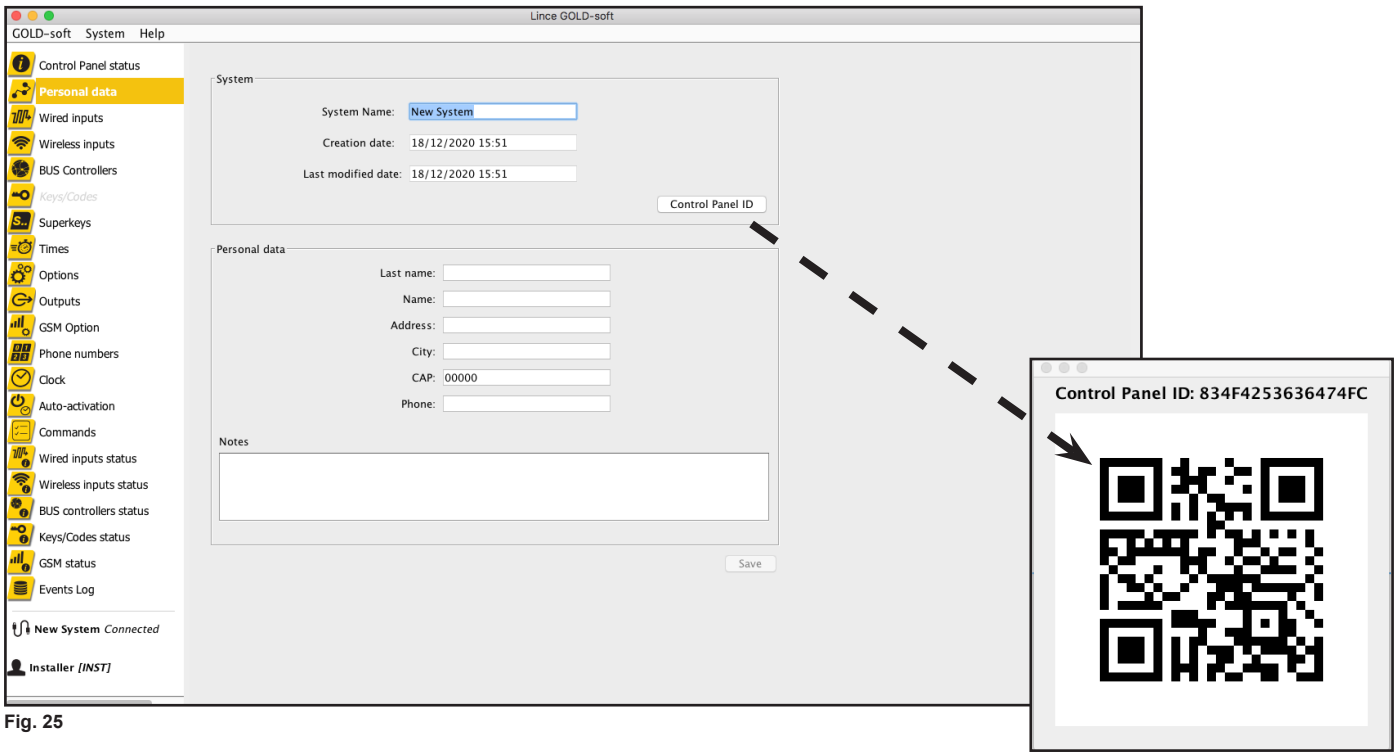



Fig. 25

## 4.3 CONTROL PANEL STATUS

The “Control panel status” section allows you to view the current situation of the control panel, the firmware currently installed and any faults and alarm memories. The “system voltage” indicates the voltage with which the system is powered, while the “System current” indicates the total current absorbed.
At the bottom right, the image of the control unit to which the software is connected is displayed, in the example a TOSCA-GOLD 64 inputs control panel is displayed.
By accessing this screen with “Administrator” privileges it is also possible to arm / disarm the system and display its status. If at the time of activation there are any open entrances, the problem is signaled and you are asked whether to force the entry or check the status of the inputs in question.

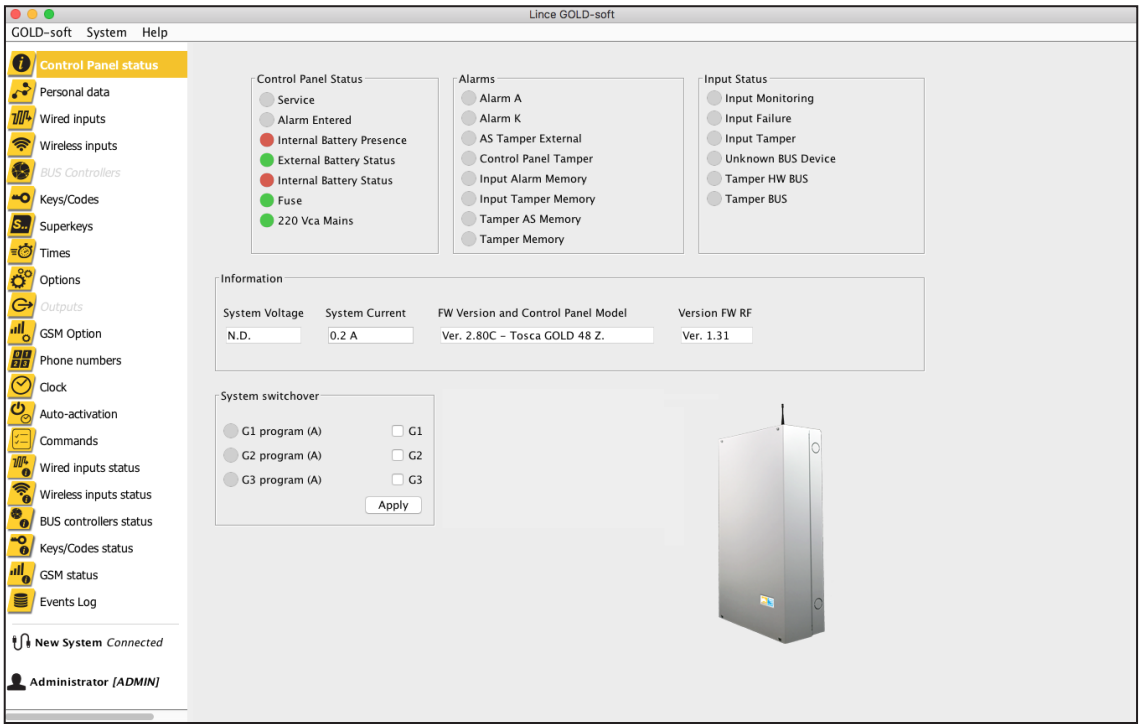



Fig. 26

## 4.4 WIRED INPUTS

In the section on setting the row inputs, you can configure the name, programs and other attributes to be assigned to all row inputs. The inputs can be selected from the “input selection” drop-down menu and, in order for the changes made to take effect, the “Apply” button must be pressed. In this screen it is also possible to view which expansion the input is connected to. A user with Administrator privileges can change description and exclude them and view their status

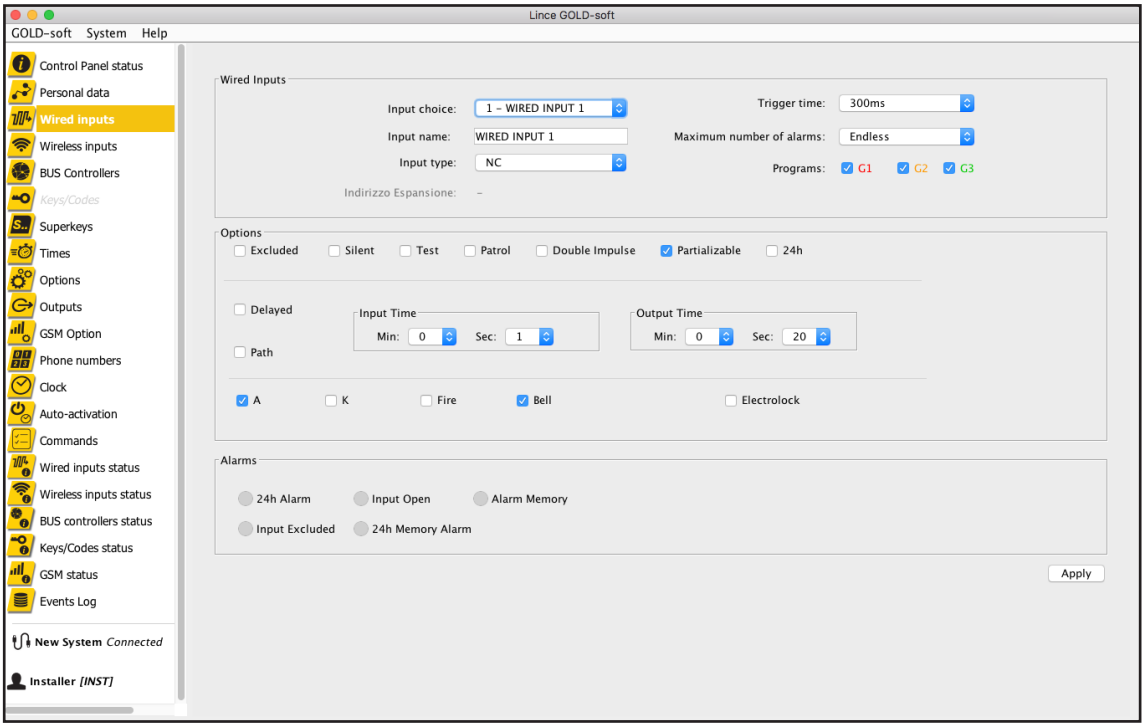


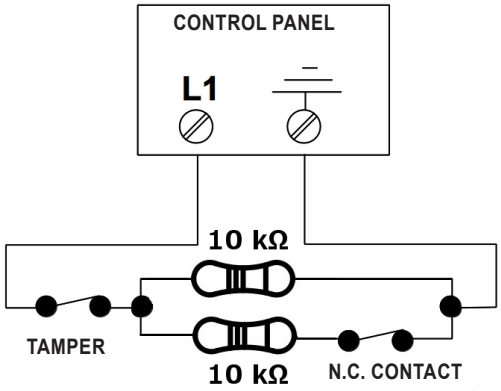

Fig. 27

Clicking on the “input selection” item, the list of inputs currently connected to the control panel is displayed, if one or more (maximum 5) expansions are available, 4005EUROPLUS / IN will also show all the other available inputs.

### 4.4.1 Input type setting

Wired devices can be connected to the control panel using three connection modes. The choice must be made based on the level of the system and the different needs that the passage of cables requires. If, for example, you are obliged to pass visible cables, you must protect them as well as against cutting, even against short-circuits.Therefore refer to the following modes.

- **N.C:**
  the control panel only reads the opening and closing of the zones set with this parameter and only protects the connection against the cable being cut and not against short circuit.
- **Single balancing:**
  the control panel does not only read the opening and closing of the zones but also a voltage value. The voltage value can be obtained by placing a resistive load (in this case 10 kOhm) on the line that goes from the zone terminal blocks of the control panel to the detector. This allows it to be protected from both cable cutting and short circuits.
- **Double balancing:**
  the operating principle is the same as for single balancing, but differs in the ability to detect two levels of voltage at the control panel. In this way, with a single connection, it is possible to read both the opening of the zone and the tamper of the detector. The diagram at the side shows this connection.




**NOTE!**
**Place resistive loads inside of the devices.**

### 4.4.2 Times and maximum number of alarms

The trigger time indicates the minimum duration of the entrance opening so that it can be seen on the control panel as an actual violation, from the drop-down menu you can choose between 300 and 500 ms.
The entry and exit times indicate the time that may elapse between the violation of the zone and the actual alarm signaling both before disarming the system (entry time) and after entering it (exit time).
The maximum number of alarms indicates after how many alarm cycles (settable from 1 to 15 or infinite) the device is excluded until the next disarming of the system.

### 4.4.3 Options

The options allow you to configure different aspects of input operation that are explained below and can be set simply by selecting them.

**Table 6 - Options**

| Option | Description |
|---|---|
| Excluded | The input is excluded or excluded |
| Silent | If the input is violated, the alarm output is not activated but remains in memory. |
| Test | The control panel emits a sound whenever the entry is violated |
| Patrol | With the system enabled, it excludes the input when a key is entered (including a code or remote control) for a certain period of time. This time can be set in the "times" section. |
| Double impulse | The second impulse must take place within 30 s of the first |
| Delayed | It allows you to set a period of time from the detection within which the system has to be disabled. |
| Path | If associated with an input, it is only activated if another input with R enabled detects a presence and it follows the same duration. |
| Sectioning | The device can be freely associated with the three programs of the control panel |
| 24h | The attribute transforms the input into a 24 hour zone |
| A alarm | If active, when the zone is violated, the control panel switches relay A |
| K alarm | If active, when the zone is violated, the control panel will activate the K output following its programming. |
| Fire | To be assigned to the input if it is associated with a fire sensor |
| Bell | The control panel emits a sound when the input is violated, but only when the system is disarmed |
| Electric lock | If the input is violated, the output with this attribute will be activated for a time set in the time section |

Then press the “Apply” button to make the changes effective before switching to the next entry.

## 4.5 BUS DEVICES

### 4.5.1 Devices storage on BUS

To manage the devices on the BUS, click on the “commands” item and press the “Add new BUS device” button which allows you to acquire the wired devices that communicate on the BUS such as for example key readers and input expansions. When the message below appears, open the sabotage of the device you want to store. Then enter the name in the next screen and press “Apply” to confirm.

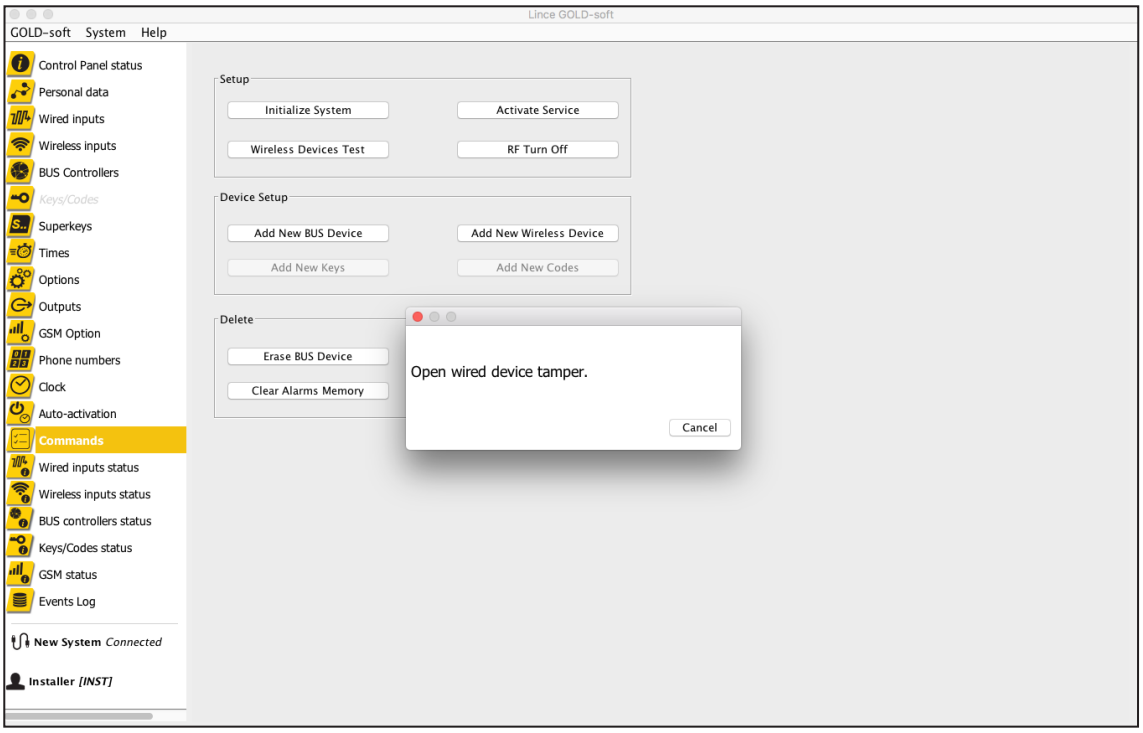



Fig. 28

### 4.5.2 Partial cancellation of BUS devices

To delete the devices on the BUS individually, from the “BUS controllers” section, select the item to be delete from the drop-down menu and press “Delete” to confirm. In this screen it is also possible to replace the device name, and check the status of the single perfierica. press “Apply” to confirm.

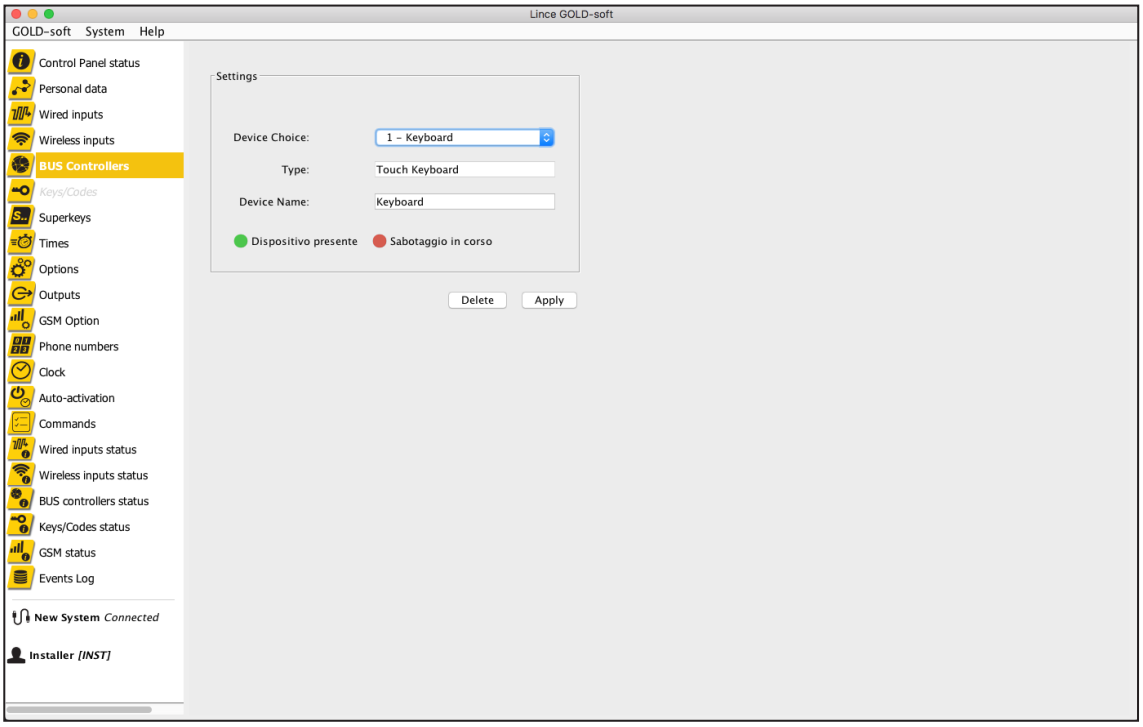



Fig. 29

### 4.5.3 BUS devices total cancellation

To delete all the devices on the BUS, press the “Erase BUS devices” button from the “Commands” section, then press “YES” to confirm the operation. This operation can only be performed by a user with “installer” privileges.

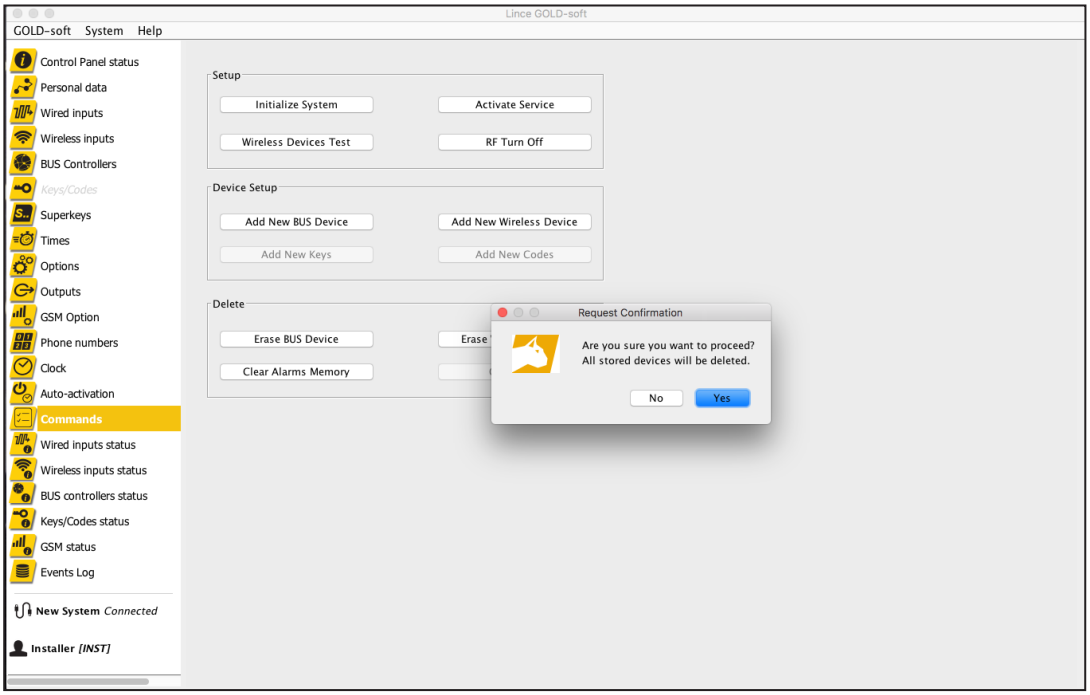



Fig. 31

## 4.6 OUTPUTS

In the “Outputs” section it is possible to set the options related to the normal operation of the outputs, for example, if they are activated in relation to logic inputs with silent parameters, electric lock, etc. The GSM option is exclusive to the others and allows to command output only with the dialer. Press “Apply” to make the changes effective. This operation can only be performed by a user with “installer” privileges.

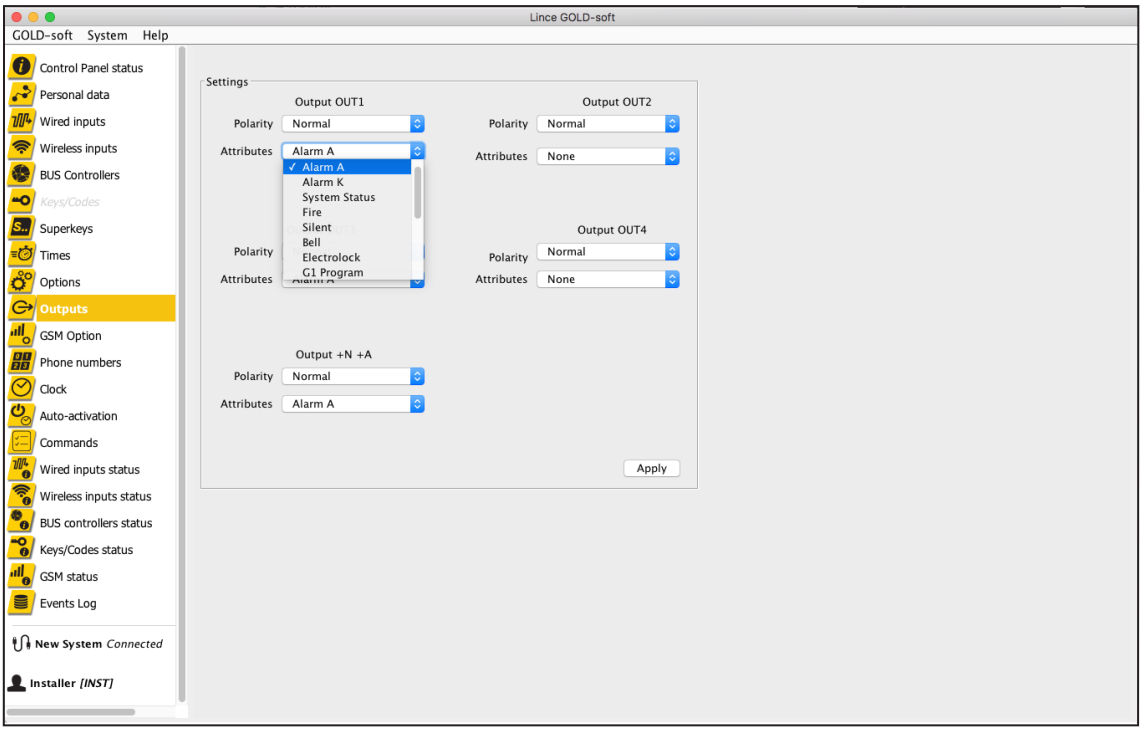



Fig. 30

The following table reports the function of each attribute that can be assigned exclusively to each wired output of the control panel.

| Table 7 - Output attributes | |
|---|---|
| Options | Function |
| Unused | The output doesn't have attributes |
| Alarm A | The output is activated in the event of an alarm (generated by an input with attribute A, a sabotage, problems with the BUS, etc.); the alarm time can be set in the time section. When the output is activated, the control panel alarm LED lights up. |
| Alarm K | The active output in the event of an alarm (generated by an input with attribute K); the alarm time 2 is equal to the intrusion alarm time. |
| Fire | The output is enabled after a fire event (generated by an input with attribute F); the fire alarm time can be set in the times section. When the output is activated it is associated with the control panel alarm LED going on. |
| Silent | The output is enabled after a silent alarm event (generated by an input with attribute S); the silence ala. time can be set in the times section. |
| DoorBell | the output is enabled in case of a bell (an input with attribute C is opened); the bell time can be set in the times section. |
| Electric lock | The output is enabled if the electric lock is opened (an input with attribute E is opened); the electric lock time can be set in the times section.. |
| Prog. G1 - Prog.3 | If enabled, the output activates when the related program switches |
| Radio Jammer | active output in case a jamming attempt is detected |
| Remote | Output can be driven exclusively by GSM network (therefore no other selection is possible) |
| Act.Deact State | Output active in case of switching of one or more programs |
| Fault | Output active in the event of a system fault, it is activated in the same way as terminal block W |
| Timer 1 | The output switches according to the programming of the timer 1 settable via software |
| Timer 2 | The output switches according to the programming of the timer 2 settable via software |
| Flooding | The device follows the status of any flooding detecors |

## 4.7 ADD NEW WIRELESS DEVICE

The "Add New Wireless Device" button allows you to acquire the radio devices. To proceed, press the anti-tamper button when prompted as indicated on the respective device manuals.

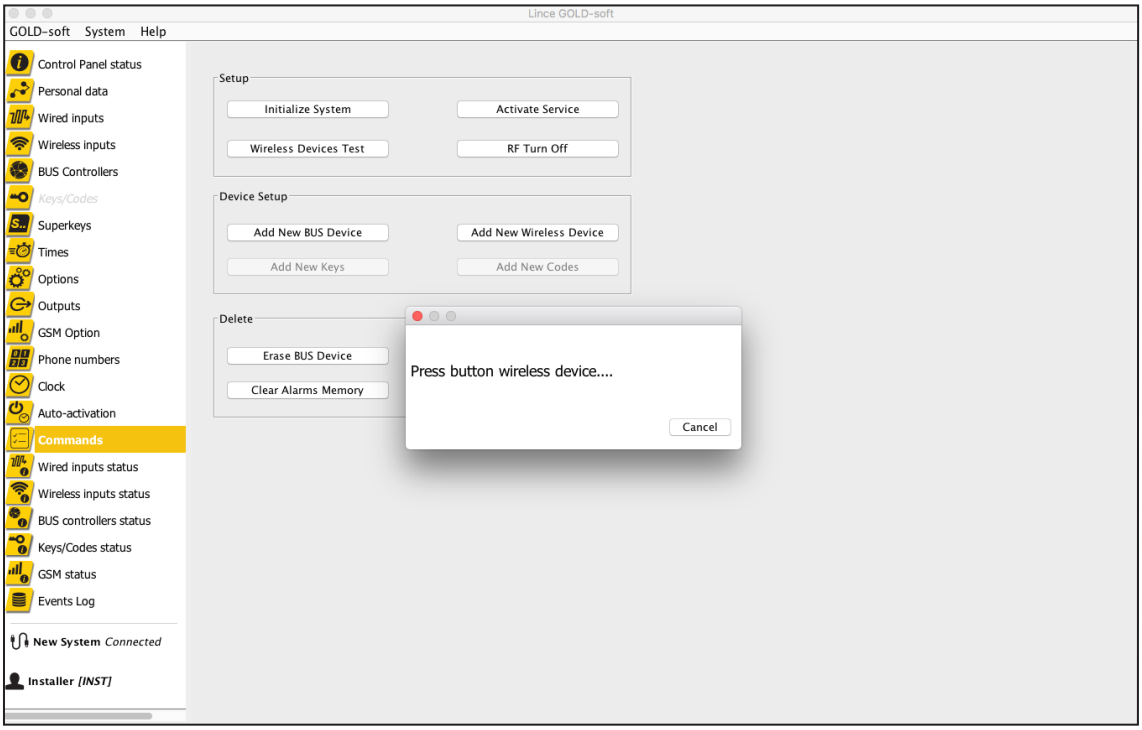



**Fig. 32**

The subsequent screens show the settable parameters of the radio devices. The different screens are offered according to the device to be stored. A user with "Administrator" privileges can only exclude the inputs and view their status.

### 4.7.1 Storage of magnetic contact

The magnetic contact screen allows you to activate or not the magnetic reed, activate the external “AUX” contact, the association of the latter to one of the three programs or to all three, the operating parameters, the times and the various attributes whose detail is shown in the next table.
To set the number of pulses after which the alarm signal is to be triggered on the auxiliary input, from the “AUX” drop-down menu select a value between NC (normally closed), 2, 4, or 8 pulses.

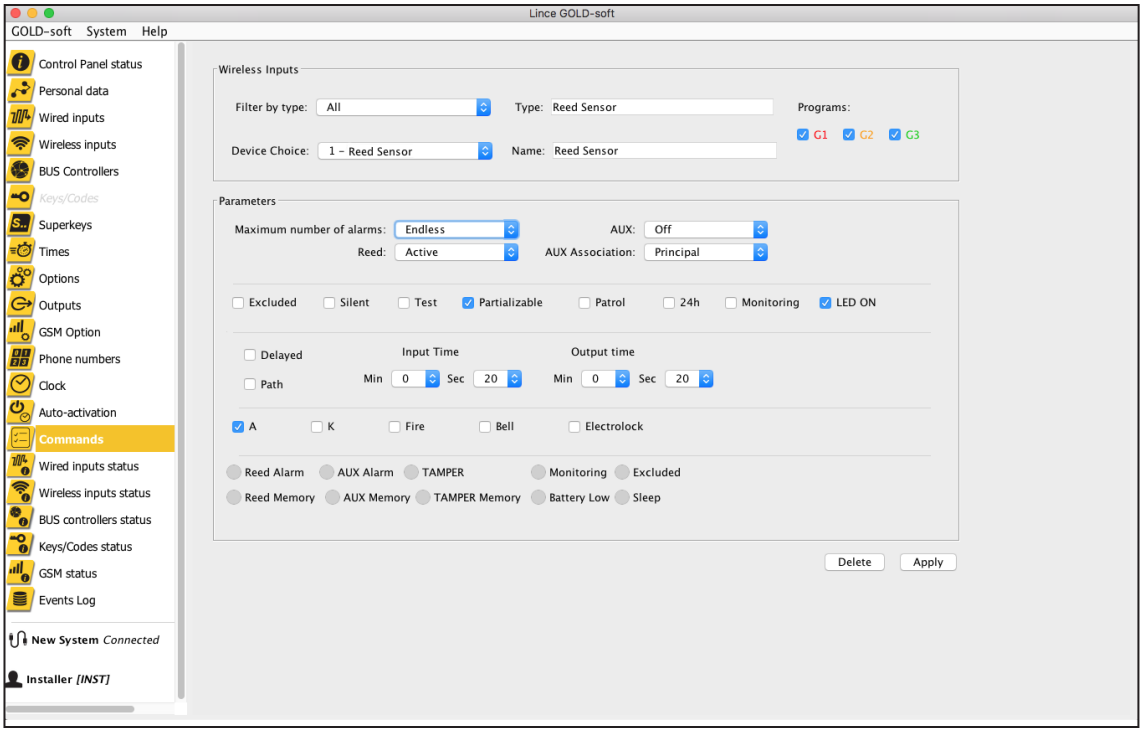



Fig. 33

| Table 8 - Magnetic contact options | |
|---|---|
| Option | Descritpion |
| Excluded | The input is excluded or excluded |
| Test | The control panel emits a sound whenever the entry is violated |
| Partializable | The device can be freely associated with the three programs of the control panel |
| Fire | To be assigned to the input if it is associated with a fire sensor |
| Bell | The control panel emits a sound when the input is violated, but only when the system is disarmed |
| Electrolock | If the input is violated, the output with this attribute will be activated for a time set in the time section |
| Patrol | With the system enabled, it excludes the input when a key is entered (including a code or remote control) for a certain period of time. This time can be set in the "times" section. |
| Input time | Allows to set the time within which it is necessary to disarm once the device has detected a presence |
| Output time | Allows to set the time for which the detector remains inhibited after arming |
| Programs G1 G2 G3 | Allows to select which activation programs the device should be associated |
| Silent | If the input is violated, the alarm output is not activated but remains in memory. |
| Delayed | It allows to set a period of time from the detection within which the system has to be disabled. |
| Path | If enabled, it is activated only if another input that has the active delay option, detects a presence and follows the same time duration |
| 24h | The attribute transforms the input into a 24 hour zone |
| A alarm | If active, when the zone is violated, the control panel switches relay A |
| K alarm | If active, when the zone is violated, the control panel will activate the K output following its programming. |
| Monitoring | Enables the device to send the monitoring signals |
| LED ON | The detector LEDs remain ON during operation |
| Maximum number of alarms | It allows to set after how many alarm signals the peripheral must be self-excluding |
| Reed | It allows to activate and deactivate the REED relay |
| AUX | It allows to activate and deactivate the auxiliary input |
| Associazione AUX | It allows to select which program the auxiliary input should be associated with |

### 4.7.2 Storage of window sensor

The window sensor screen allows you to set the number of pulses after which the alarm signal must be triggered on the AUX input, from the “AUX” drop-down menu select a value between NC (normally closed), 2, 4, or 8 pulses; the association to one of the three programs or to all three, the operating parameters, the times and the various attributes whose details are reported in the following table.

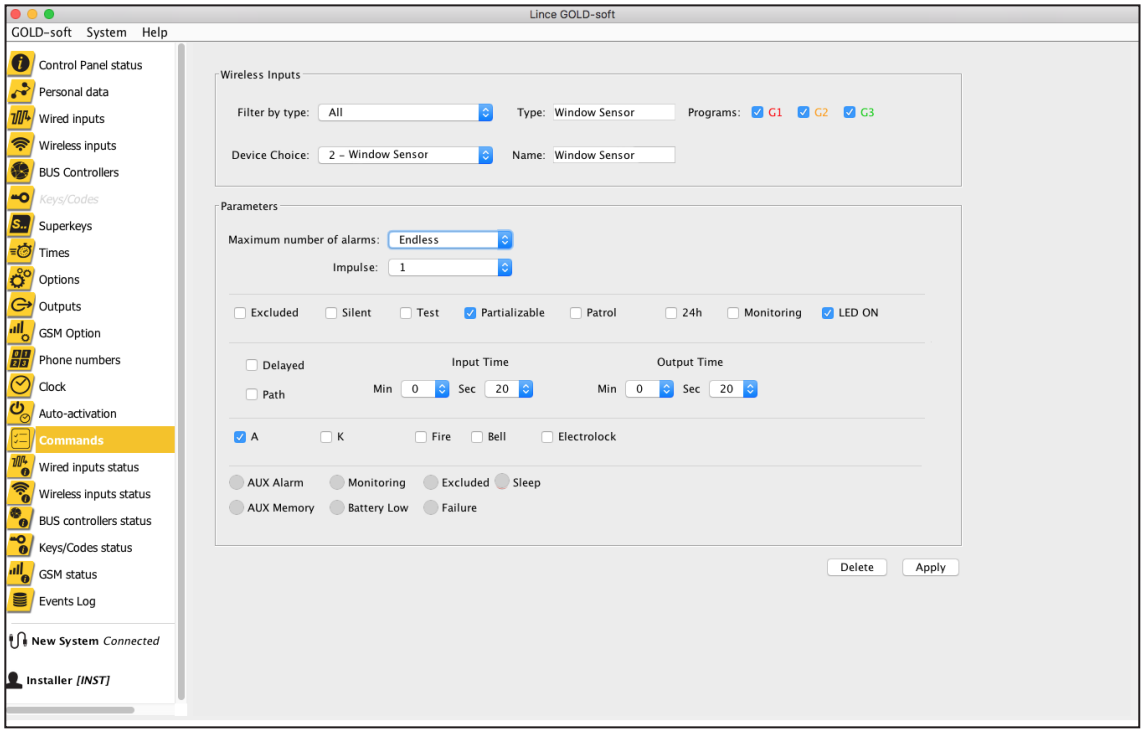



Fig. 34

| Table 9 - Window sensor options | |
|---|---|
| Options | Descriptions |
| Excluded | The input is excluded or excluded |
| Test | The control panel emits a sound whenever the entry is violated |
| Partializable | The device can be freely associated with the three programs of the control panel |
| Fire | To be assigned to the input if it is associated with a fire sensor |
| Bell | The control panel emits a sound when the input is violated, but only when the system is disarmed |
| Electrolock | If the input is violated, the output with this attribute will be activated for a time set in the time section |
| Patrol | With the system enabled, it excludes the input when a key is entered (including a code or remote control) for a certain period of time. This time can be set in the "times" section. |
| Input time | Allows to set the time within which it is necessary to disarm once the device has detected a presence |
| Output time | Allows to set the time for which the detector remains inhibited after arming |
| Programs G1 G2 G3 | Allows to select which activation programs the device should be associated |
| Silent | If the input is violated, the alarm output is not activated but remains in memory. |
| Delayed | It allows to set a period of time from the detection within which the system has to be disabled. |
| Path | If enabled, it is activated only if another input that has the active delay option, detects a presence and follows the same time duration |
| 24h | The attribute transforms the input into a 24 hour zone |
| A alarm | If active, when the zone is violated, the control panel switches relay A |
| K alarm | If active, when the zone is violated, the control panel will activate the K output following its programming. |
| Monitoring | Enables the device to send the monitoring signals |
| LED ON | The detector LEDs remain ON during operation |
| Maximum number of alarms | It allows to set after how many alarm signals the peripheral must be self-excluding |
| Impulse | It allows to select after how many detected pulses the device will transmit the alarm |

### 4.7.3 Storing wireless sirens

The siren screen allows you to set the siren volume by choosing from the relative drop-down menu a value between 25% and 100% in increments of 5%. In addition to this, you can set the type of sound, whether type A or type B, and the other attributes shown in the table below. The above functions can only be set for the OBLO‘ series sirens.

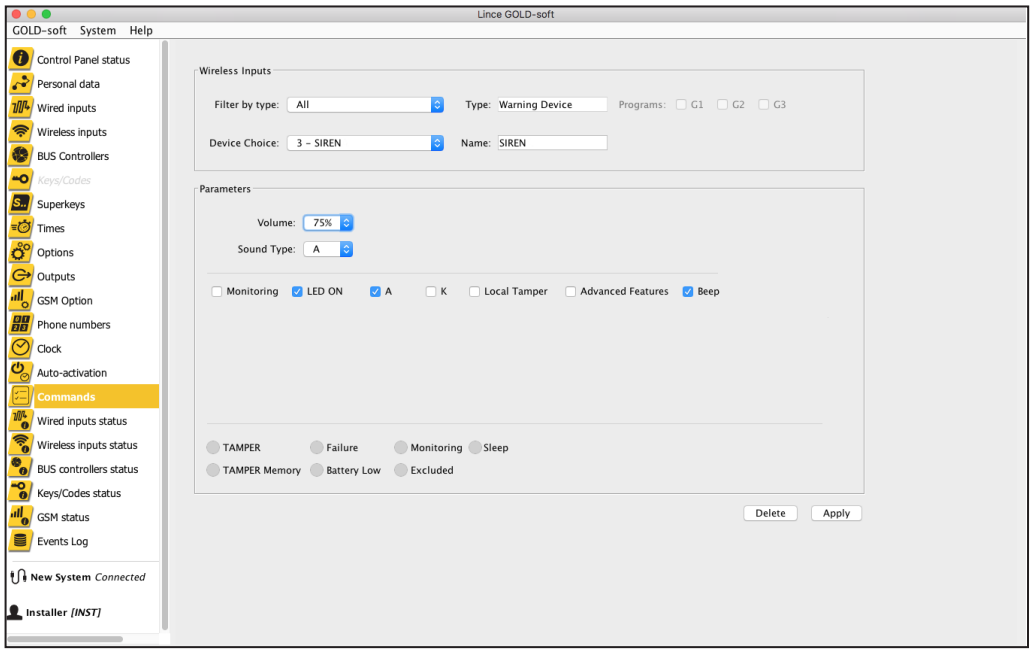



**Fig. 35**

In case of sabotage 24 hours a day with the system disarmed, the relay will trigger anyway but the radio sirens will not start

**Table 10 - Siren Options**

| Options | Descriptions |
|---|---|
| Monitoring | Enables the device to send supervisory signals |
| LED ON | If enabled, you can enable the red system status LED to go on |
| A Alarm | If enabled, the siren is activated when an input with attribute A is violated |
| K Alarm | If enabled, the siren is activated when an input with attribute K is violated |
| Local tamper | If the siren is open, the speaker sounds independently of communication with the control panel |
| Advanced features | If available on the model in possession it allows to enable the anti-foam, the anti-flame protections and the anti-approximation |
| Beep | if enabled, the siren emits a brief acoustic alarm each time the system status changes |

### 4.7.4 Double technology motion detector storage

The dual technology detector screen (volumetric, curtain, ceiling, etc.) allows you to set the sensitivity of the microwave, the PIR, the anti-masking and the operating logic. It also allows the association of the latter to one of the three programs or to all three, to set the operating parameters, times and various attributes, the details of which are shown in the next table.

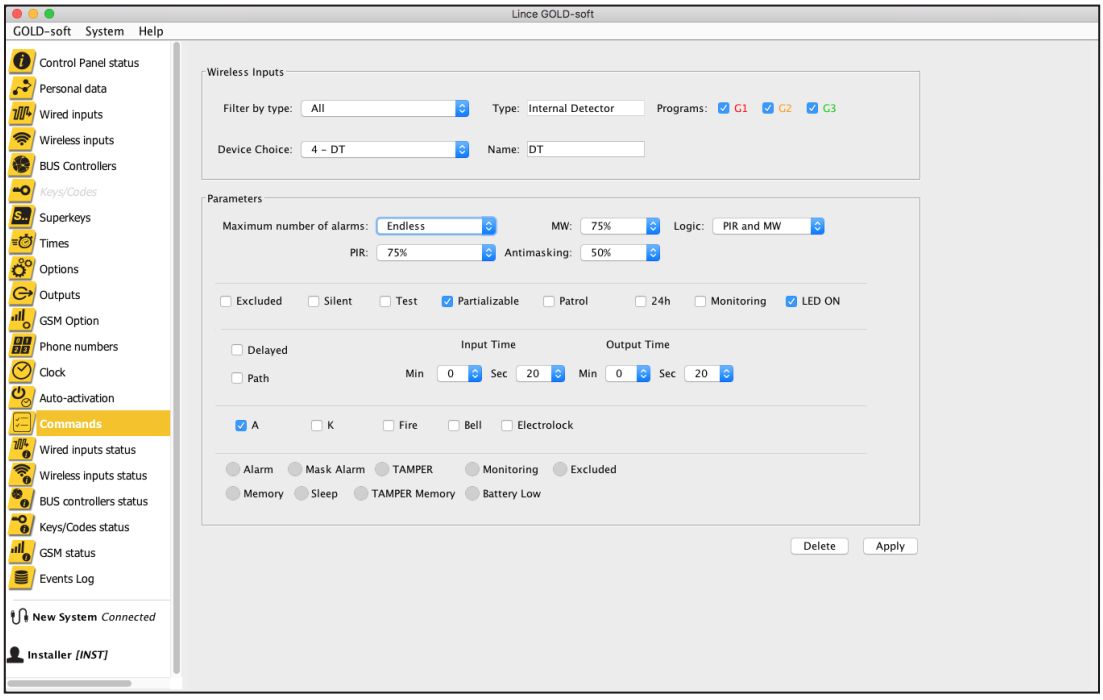



**Fig. 36**

| Table 11 - Double technology detector options | |
|---|---|
| Options | Descriptions |
| Excluded | The input is excluded or excluded |
| Test | The control panel emits a sound whenever the entry is violated |
| Partializable | The device can be freely associated with the three programs of the control panel |
| Fire | To be assigned to the input if it is associated with a fire sensor |
| Bell | The control panel emits a sound when the input is violated, but only when the system is disarmed |
| Electrolock | If the input is violated, the output with this attribute will be activated for a time set in the time section |
| Patrol | With the system enabled, it excludes the input when a key is entered (including a code or remote control) for a certain period of time. This time can be set in the "times" section. |
| Input time | Allows to set the time within which it is necessary to disarm once the device has detected a presence |
| Output time | Allows to set the time for which the detector remains inhibited after arming |
| Programs G1 G2 G3 | Allows to select which activation programs the device should be associated |
| Silent | If the input is violated, the alarm output is not activated but remains in memory. |
| Delayed | It allows you to set a period of time from the detection within which the system has to be disabled. |
| Path | If enabled, it is activated only if another input that has the active delay option, detects a presence and follows the same time duration |
| 24 h | The attribute transforms the input into a 24 hour zone |
| A alarm | If active, when the zone is violated, the control panel switches relay A |
| K alarm | If active, when the zone is violated, the control panel will activate the K output following its programming. |
| Monitoring | Enable the device to send monitoring signals |
| LED ON | The detector LEDs remain ON during operation |
| Maximum number of alarms | It allows to set after how many alarm signals the peripheral must be self-excluding |
| PIR; MW;<br>Anti-masking | it allows to select the sensitivity of the technologies (PIR, MW, Anti-masking) present on the device |
| Logic | It allows you to select with which combination of technologies the device should report a presence |

### 4.7.5 BABY detector storage

The BABY curtain detector screen allows you to set the sensitivity of the microwave, PIR, anti-masking, the presence or absence of CWS and the operating logic.It also allows the association of the latter to one of the three programs or to all three, to set the operating parameters, times and various attributes, the details of which are shown in the following table.

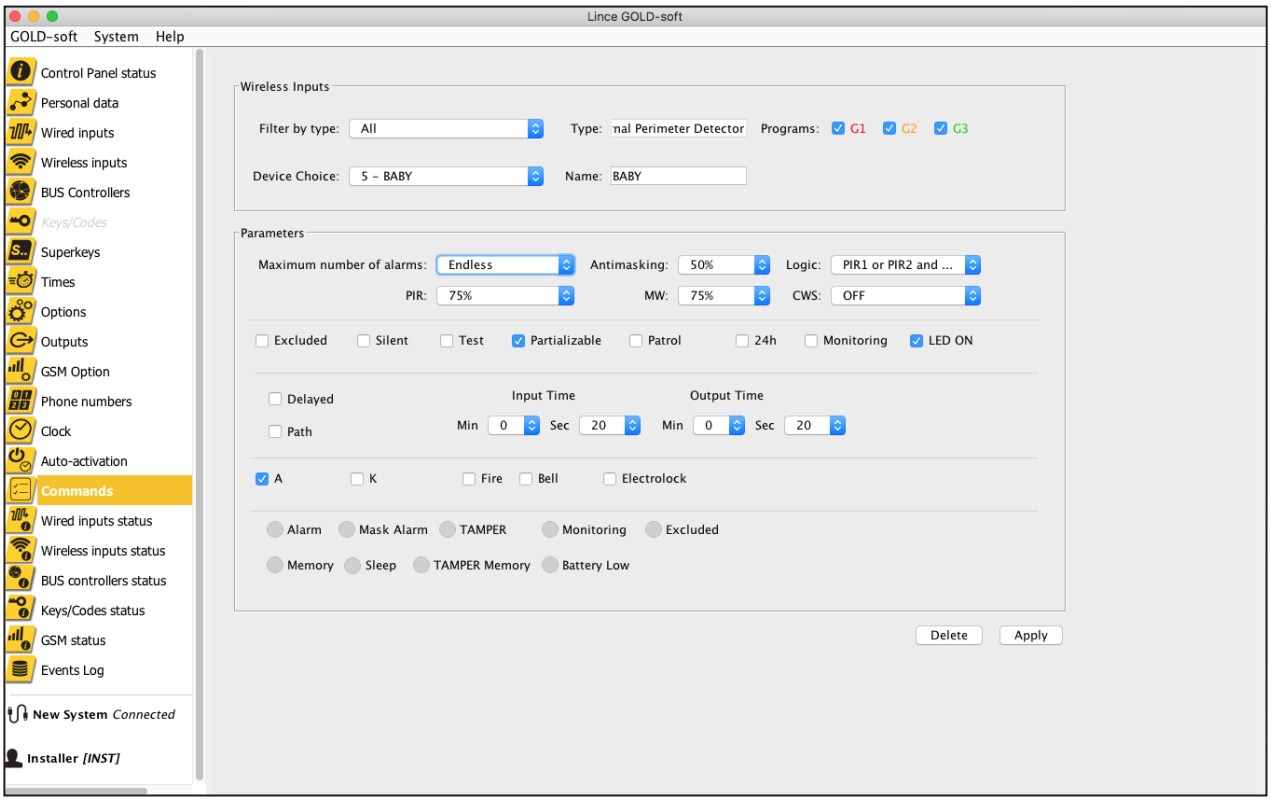



Fig. 37

| Table 12 - BABY detector options | |
|---|---|
| Options | Descriptions |
| Excluded | The input is excluded or excluded |
| Test | The control panel emits a sound whenever the entry is violated |
| Partializable | The device can be freely associated with the three programs of the control panel |
| Fire | To be assigned to the input if it is associated with a fire sensor |
| Bell | The control panel emits a sound when the input is violated, but only when the system is disarmed |
| Electrolock | If the input is violated, the output with this attribute will be activated for a time set in the time section |
| Patrol | With the system enabled, it excludes the input when a key is entered (including a code or remote control) for a certain period of time. This time can be set in the "times" section. |
| Input time | Allows to set the time within which it is necessary to disarm once the device has detected a presence |
| Output time | Allows to set the time for which the detector remains inhibited after arming |
| Programs G1 G2 G3 | Allows to select which activation programs the device should be associated |
| Silent | If the input is violated, the alarm output is not activated but remains in memory. |
| Delayed | It allows you to set a period of time from the detection within which the system has to be disabled. |
| Path | If enabled, it is activated only if another input that has the active delay option, detects a presence and follows the same time duration |
| 24 h | The attribute transforms the input into a 24 hour zone |
| A alarm | If active, when the zone is violated, the control panel switches relay A |
| K alarm | If active, when the zone is violated, the control panel will activate the K output following its programming. |
| Monitoring | Enable the device to send monitoring signals |
| LED ON | The detector LEDs remain ON during operation |
| Maximum number of alarms | It allows to set after how many alarm signals the peripheral must be self-excluding |
| PIR; MW;<br>Anti-masking | it allows to select the sensitivity of the technologies (PIR, MW, Anti-masking) present on the device |
| CWS | It allows to set the crossing direction: CS crossing from the left, CD crossing from the right |
| Logic | It allows you to select with which combination of technologies the device should report a presence |

### 4.7.6 Outdoor BOBBY detector storage

The detector screen with triple technology (volumetric or curtain, etc.) from outside allows you to set the sensitivity of the microwave, the two PIRs, the anti-masking and the operating logic. It also allows the association of the latter to one of the three programs or to all three, the operating parameters, the times and the various attributes, the details of which are shown in the following Table.

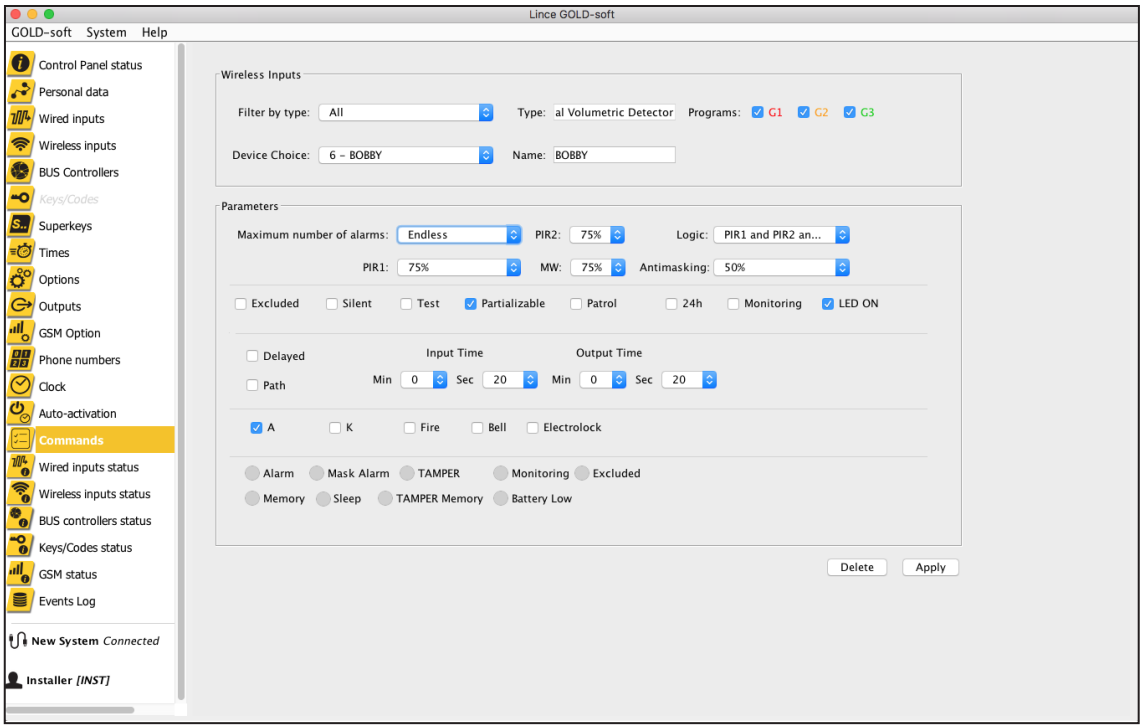



Fig. 38

| Table 13 - BOBBY detector options | |
|---|---|
| Options | Descriptions |
| Excluded | The input is excluded or excluded |
| Test | The control panel emits a sound whenever the entry is violated |
| Partializable | The device can be freely associated with the three programs of the control panel |
| Fire | To be assigned to the input if it is associated with a fire sensor |
| Bell | The control panel emits a sound when the input is violated, but only when the system is disarmed |
| Electrolock | If the input is violated, the output with this attribute will be activated for a time set in the time section |
| Patrol | With the system enabled, it excludes the input when a key is entered (including a code or remote control) for a certain period of time. This time can be set in the "times" section. |
| Input time | Allows to set the time within which it is necessary to disarm once the device has detected a presence |
| Output time | Allows to set the time for which the detector remains inhibited after arming |
| Programs G1 G2 G3 | Allows to select which activation programs the device should be associated |
| Silent | If the input is violated, the alarm output is not activated but remains in memory. |
| Delayed | It allows you to set a period of time from the detection within which the system has to be disabled. |
| Path | If enabled, it is activated only if another input that has the active delay option, detects a presence and follows the same time duration |
| 24 h | The attribute transforms the input into a 24 hour zone |
| A alarm | If active, when the zone is violated, the control panel switches relay A |
| K alarm | If active, when the zone is violated, the control panel will activate the K output following its programming. |
| Monitoring | Enable the device to send monitoring signals |
| LED ON | The detector LEDs remain ON during operation |
| Maximum number of alarms | It allows to set after how many alarm signals the peripheral must be self-excluding |
| PIR; MW;<br>Anti-masking | it allows to select the sensitivity of the technologies (PIR, MW, Anti-masking) present on the device |
| Logic | It allows you to select with which combination of technologies the device should report a presence |

### 4.7.7 Radio control storage

The “radio control” section allows the association of the latter to one of the three programs or to all three and the various attributes, the details of which are shown in the following table.

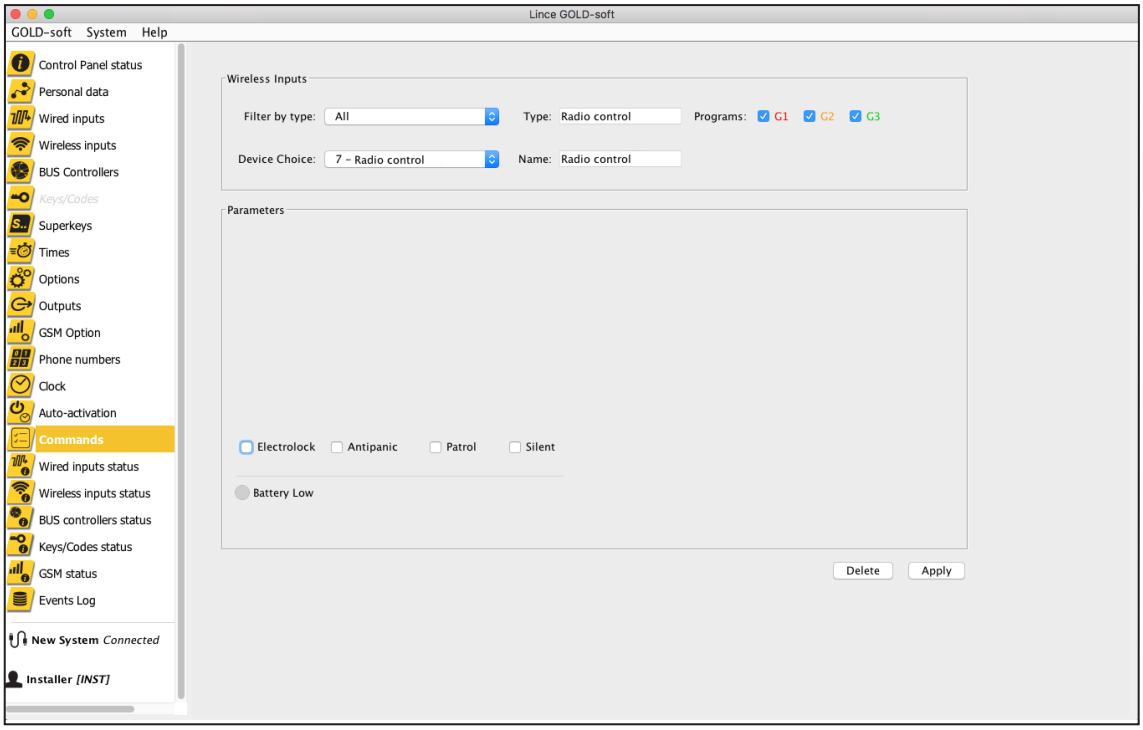



Fig. 39

With regard to the 9584-GOLD-AP anti-panic remote control, the selection of the attributes related to the programs is irrelevant for the purposes of use, while the parameters continue to be attributable always exclusively.
In both cases, to receive vocals or via SMS, it is necessary to enable the relative dialer configuration page, referring to the product manual manual.

**Table 14 - Remote control options that can be associated with the confirmation button**

| Options | Descriptions |
|---|---|
| Programs G1 G2 G3 | It allows to select which activation programs the device should arms |
| Electrolock | Pressing the confirmation button for 3 s will activate the outputs programmed as “Electric lock” |
| Antipanic | By pressing the confirmation button for 3 s, output + N and + A are enabled, the radio sirens with attribute A and SMS are sent to the enabled numbers |
| Patrol | Pressing the confirmation button for 3 s will inhibit the devices with the R attribute for the patrol time |
| Silent | When the confirmation key is pressed for 3 s, the outputs switch and the SMS are sent to the numbers if enabled |

in the case of the anti-panic remote control, the options that can be associated with the confirmation key are activated with a single press of the key

### 4.7.8 Radio output storage

The “radio output” section allows you to configure the duration of the switching, whether it must be associated with a particular input or to all, the idle state of the output and the other parameters illustrated in the next table.

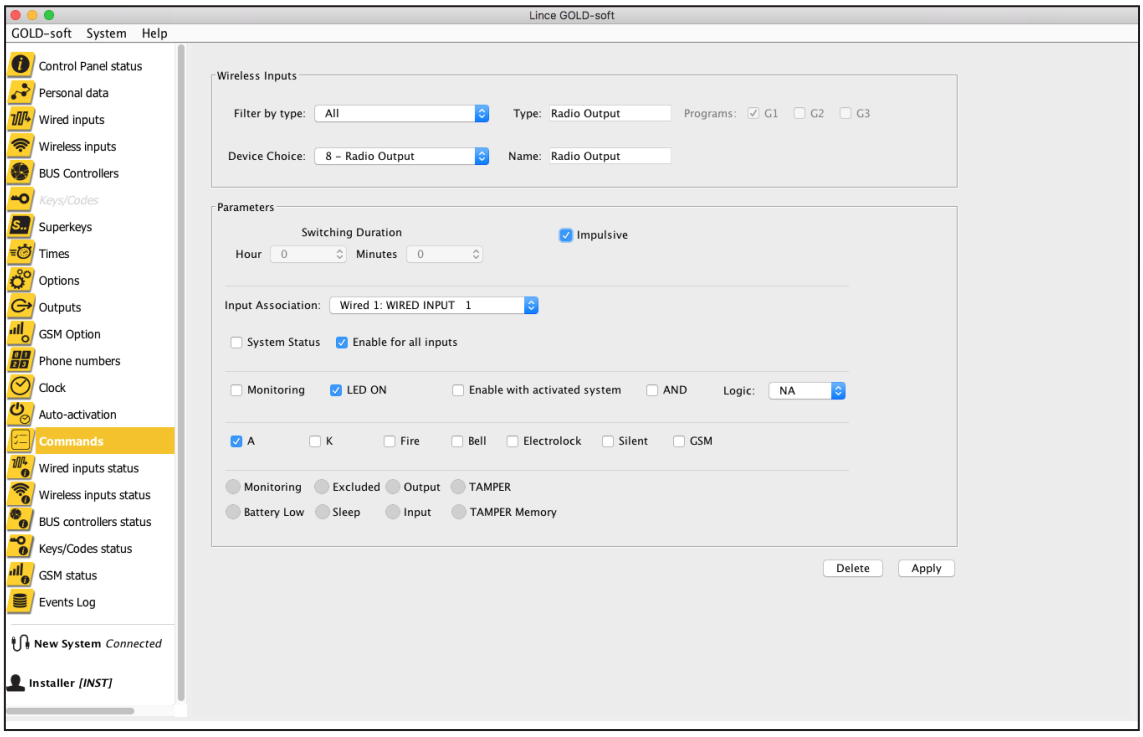



**Fig. 40**

If the output is associated to one of the wired inputs, it is possible to associate only the following attributes: supervision, LED ON, enable with system activated, AND and NA / NC. The relay operating logic can be set as normally open NA (default) or normally closed (NC).
The switching duration can be impulsive (1 s) or can be set. If it is enabled for all inputs, it is possible to associate the attributes shown in the image above. If the output is associated with the system status, the drop-down menu at the bottom becomes clickable and it is possible to choose one of the attributes shown in the following table, in the same table it is possible to refer to the detail of all the attributes that can be set on the outputs.

| Table 15 - RF output options | |
|---|---|
| Options | Description |
| Unused | The output doesn't have attributes |
| Enable for all inputs | If enabled, the output is switched when a input that has one or more attributes (C, F, etc.) is switched. If disabled, the output is combined with a specific input |
| Monitoring | Enables the device to send the monitoring signals |
| LED ON | When the device is in alarm and battery powered, the LED lights up for 6 seconds |
| Enable with activated system | The output is active only if the system is armed (even partially) |
| AND | If enabled, the output is switched when at least two inputs switch within a 30s time. |
| Alarm A | If enabled, the output is activated when an area with attribute A is violated |
| Alarm K | If enabled, the output is activated when an area with attribute K is violated |
| Fire | To be assigned to the input if it is associated with a fire sensor or gas detector. |
| Bell | The control panel emits a sound when the input is violated, but only with the system disarmed. |
| Electric lock | The output activates if the electric lock is opened (opening of an input with attribute E); the electric lock time can be set in the times section. |
| Silent | If the input is violated, the alarm output does not activate but remains in memory anyway |
| Prog. G1 G" G3 | If enabled, the output activates when the related program switches |
| Radio Jammer | active output in case a jamming attempt is detected |
| Remote | If active, the output is controlled exclusively via the dialer |
| Ssstem status | If enabled, the output is active only if the system is armed (even partially) |
| Fault | Output active in the event of a system fault, it is activated in the same way as terminal block W |
| Timer 1 | The output switches according to the programming of the timer 1 settable via software |
| Timer 2 | The output switches according to the programming of the timer 2 settable via software |
| Flooding | The device follows the status of any flooding detecors |

### 4.7.9 Fogging storage

The radio "fogging" screen allows you to configure the firing time and the other parameters shown in the following table.

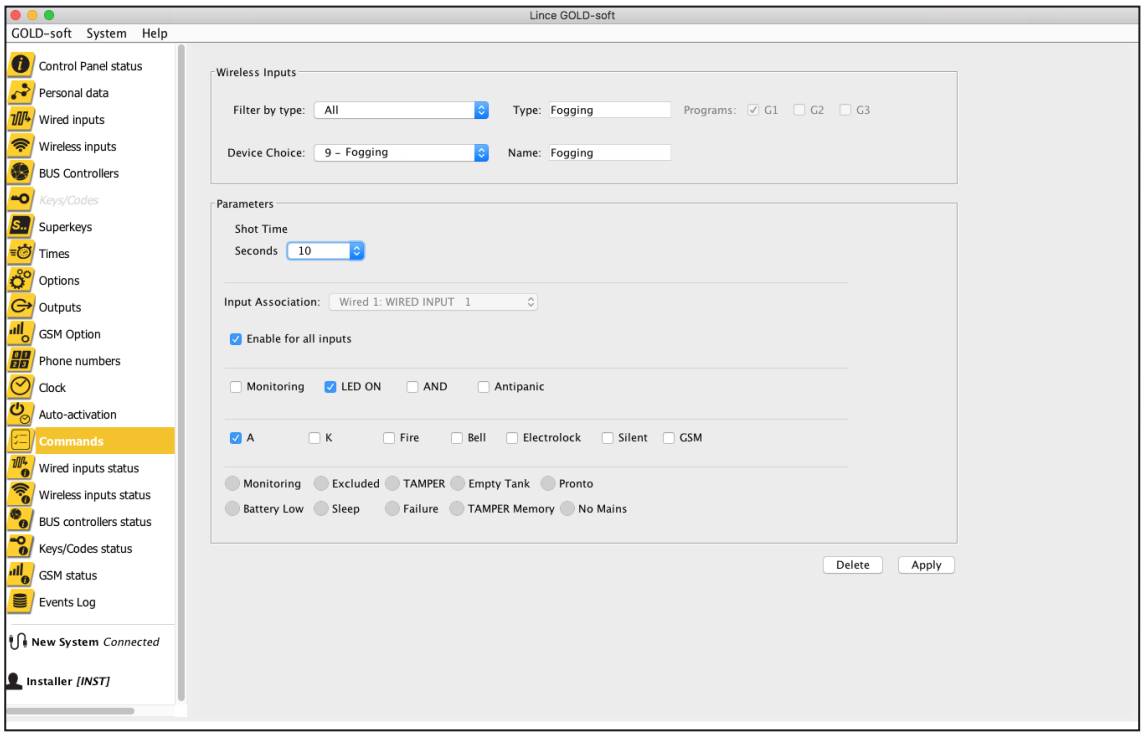



**Fig. 41**

| Table 16 - Fogging options | |
|---|---|
| Options | Descriptions |
| Monitoring | Enable the device to send monitoring signals |
| LED ON | The LEDs remain ON during operation |
| AND | If enabled, the output is switched when at least two inputs switch within a time of 30s |
| Antipanic | The fogging is triggered when a panic alarm is generated on the control panel (it also trigs when the alarm is disarmed) |
| A Alarm | If enabled, the fogging is activated when an input with attribute A is violated |
| K Alarm | If enabled, the fogging is activated when an input with attribute K is violated |
| Fire | If active, the fogging is triggered when an input with fire attribute is violated even when the system is disarmed . |
| Bell | If active, the fog is triggered when an input with bell attribute is violated only when the system is disarmed |
| Electrolock | The fog activates when the electrolock opens (opening an input with attribute E); the electrolock time can be set in the time section. |
| Silent | The fog is triggered if a silent alarm starts |
| GSM | If active, the fog generator is controlled exclusively via the combiner |

The shot time must be set according to the volume of the area to be protected; The system can emit fog for a maximum duration of 20 seconds per shot. The maximum quantity of 13 ml/s therefore allows coverage of about 600 and 300 $m^3$. The following tables indicatively suggest the coverage for shot seconds set under normal conditions of temperature, air pressure and ambient humidity.

| Table 17 - Shot times | | | | | |
|---|---|---|---|---|---|
| Volume to protect [$m^3$] | | Shot time [s] | Volume to protect [$m^3$] | | Shot time [s] |
| Visibility zero | Visibilità 1,5 m | | Visibility zero | Visibility 1,5 m | |
| 10 | 15 | 1 | 110 | 165 | 11 |
| 20 | 30 | 2 | 120 | 180 | 12 |
| 30 | 45 | 3 | 130 | 195 | 13 |
| 40 | 60 | 4 | 140 | 210 | 14 |
| 50 | 75 | 5 | 150 | 225 | 15 |
| 60 | 90 | 6 | 160 | 240 | 16 |
| 70 | 105 | 7 | 170 | 255 | 17 |
| 80 | 120 | 8 | 180 | 270 | 18 |
| 90 | 135 | 9 | 190 | 285 | 19 |

The first column shows the volume that you want to issue in the time indicated in the column on the right. The volume varies depending on the density and therefore on the visibility to be achieved. With the first value we obtain a density that guarantees zero visibility, with the second value we obtain a density that guarantees a visibility of 1.5 meters. Naturally, in places where the presence of a slight residue does not cause problems, it is possible to increase the firing time, obtaining a higher density. Remember that the greater the amount of fog released the greater the time necessary for the return of visibility. High levels of fog, beyond the suggested limits, can saturate the environment and leave residues.

### 4.7.10 Flood detector storage

The “flooding” screen allows you to enable supervision and lighting of the LED on the board.

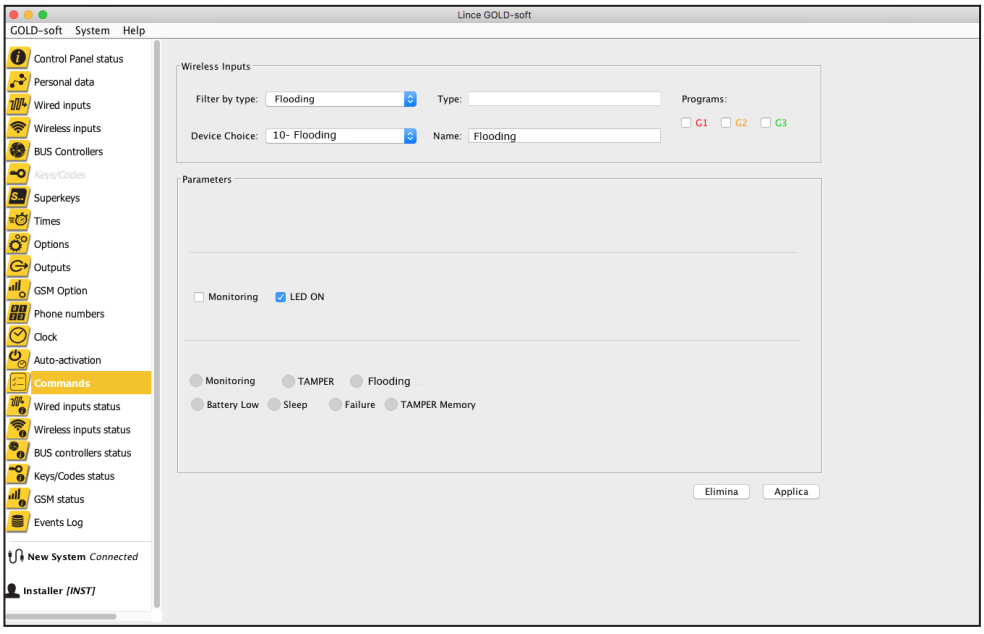



Fig. 42

### 4.7.11 Memorizzazione rilevatore fumo

La schermata “fumo” permette di abilitare la supervisione e l’accensione del LED a bordo scheda.

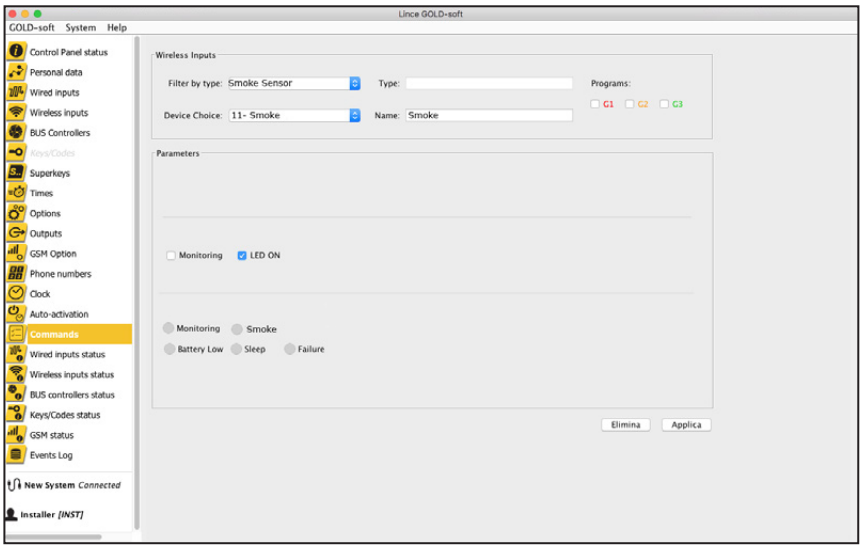



Fig. 45

## 4.8 SELECTIVE ERASURE OF RADIO DEVICES

To selectively delete the radio devices stored in the control panel, go to the “Wireless INputs” section, select the device to be deleted and click “delete”.

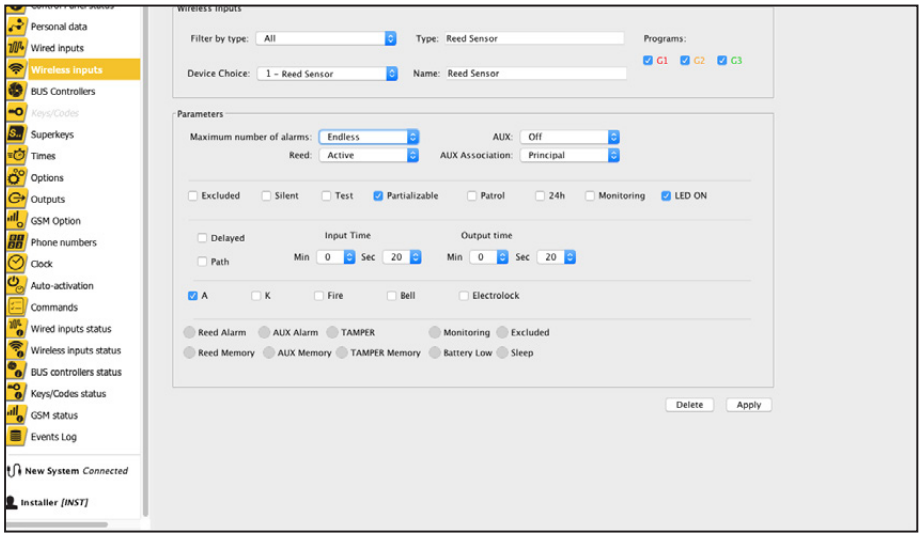



Fig. 43

## 4.9 TOTAL ERASURE OF RADIO DEVICES

To delete all the radio devices stored in the control panel, go to the “Commands” section, and click on the “Erase Wireless Devices” button and click on “Yes” to confirm the operation.

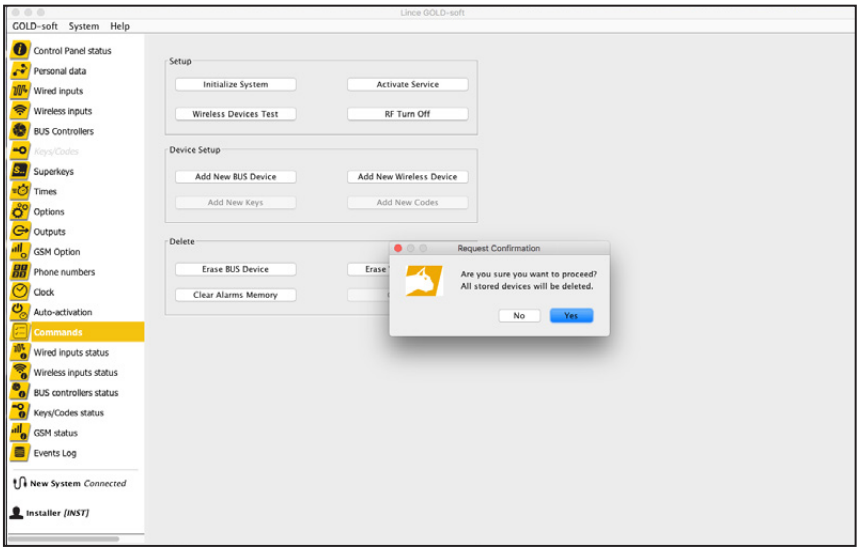



Fig. 44

## 4.10 TIMES

In the “Times” section it is possible to set the times related to the normal operation of the system as, for example, the duration of the alarm, the duration of the silent alarm, etc. Press “Apply” to make the changes take effect. A user with “Administrator” privileges can only exclude the inputs and view their status.

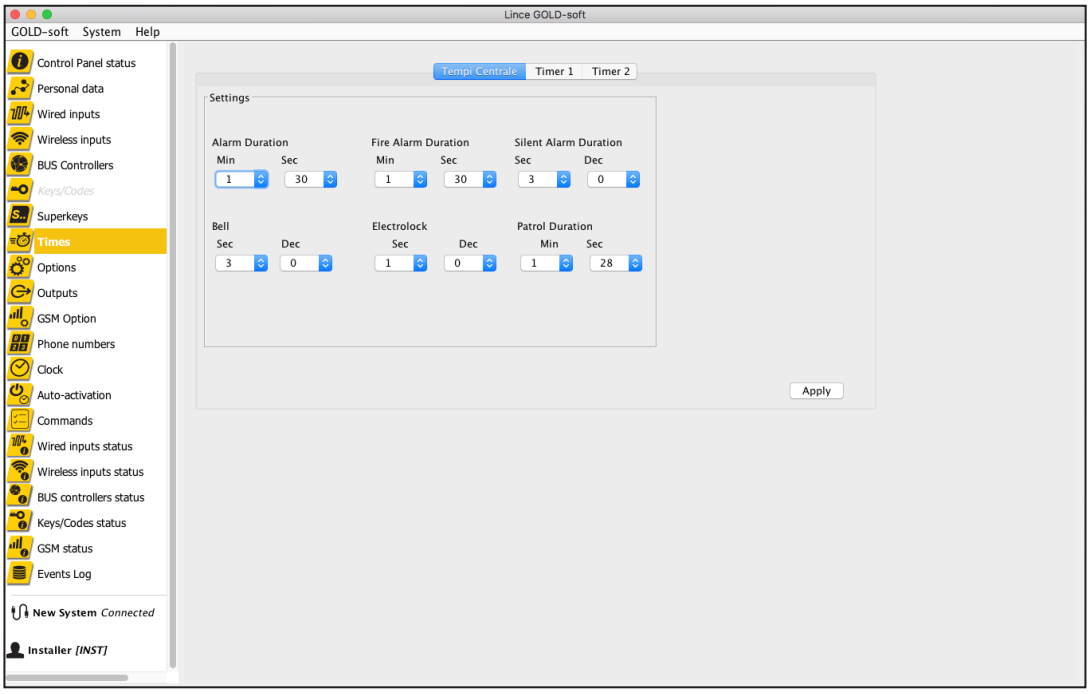



**Fig. 46**

By clicking on the “Timer1” and “Timer2” screens it is possible to set the timers of the radio outputs where it is possible to freely select the 15-minute bands during the week in which the output must be active.

NOTE
It is recommended to press “Apply” before changing the screen to not lose the options already selected

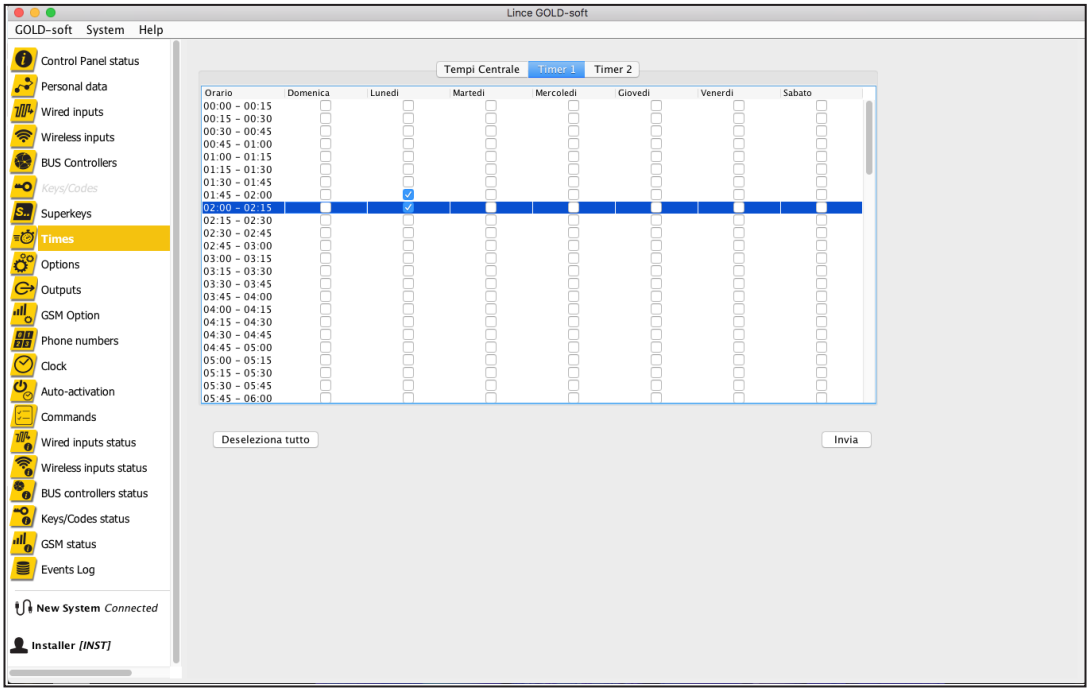



**Fig. 47**

# 5. SYSTEM SETTINGS

## 5.1 OPTIONS

The “Options” menu allows the configuration of various functions of the control unit shown below.This section can only be modified with “installer” privileges.

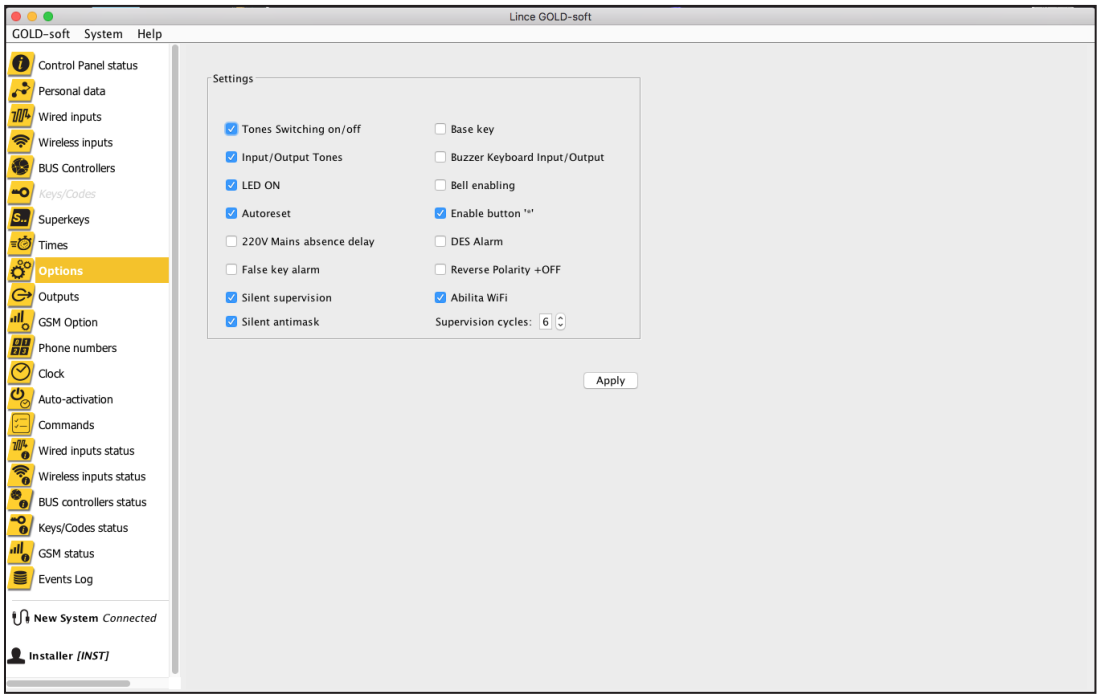



**Fig. 48**

- **Tone arming/disarming:** option to enable/disable the confirmation tones (of the control panel buzzer) of the arming/disarming steps (2 beeps ON, 3 beeps OFF). **Enabled;**
- **Input/output tones:** option to enable/disable the active beep (of the control panel buzzer) during the input/Exit times of the delayed areas. **Enabled**;
- **Led ON:** option that, if enabled, always keeps the LEDs of the keyreaders, relevant to the entered programs, on. If disabled, the LEDs of the keyreaders go off when the Exit time elapses; they go back on when the control panel is set to key service state, displaying the status of the armings. **Enabled;**
- **Auto-reset:** if the option is enabled, it resets the alarm logs (the LEDs related to the alarm areas and the 24h LED flashlight) with every arming, even partial. **Enabled;**
- **Delay without AC mains (No AC Mains delay):** if the option is enabled it enters a delay of 20 minutes in the display of the “no mains” fault, thereby avoiding to indicate insignificant events; the option refers only to the display of the fault (the fault LED goes on and the general fault output is enabled), but every event is anyhow detected in real time (in the case of no mains, the keypads minimise the brightness of the backlight in idle state) and logged in the events log. **Disabled;**
- **False key alarm:** enabling the option will generate an alarm if a not valid code is entered five consecutive times within a minute. If the option is not enabled and five attempts of arming are made, the system blocks for one minute during which codes and keys are not accepted, even if previously stored. **Disabeld;**
- **Silent supervision:** if enabled, any supervision signals involve the sending of SMS by the dialer without the acoustic signal starting. **Enabled**
- **Silent Animask:** if active, it generates a silent alarm in the presence of masking by sending SMS but without activating the sirens. **Enabled;**
- **Basic key:** if the option is enabled it allows the entire system to be armed/disarmed by simply entering the key in the keyreader without pressing any key. By enabling the option, no partial arming is possible. **Disabeld;**
- **I/O keypad buzzer:** option to enable/disable the buzzer sound during the Input/Exit times of the delayed areas, **Disabeld;**
- **Enabling the bell:** option to enable the buzzer of the control panel (local setting) for the acoustic signal matched to the bell; this signal is present even if none of the programmable outputs are associated with the bell. **Disabeld;**
- **Enabling**∗: if this option is enabled it allows the inputs that are open to be rapidly displayed by pressing the "∗" key directly on the default screen. **Enabled;**
- **DES alarm:** if enabled and the device detects a violation in a period when it does not communicate with the control panel (for example, if the system "is jammed"), it allows the alarm data to be kept in stand-by and communicates it to the control panel as soon as dialogue returns (when it detects a new one or when it sends the supervisory message). If the system is still in alarm status, the control panel will manage the “log” alarm as a normal alarm (siren output, SMS, etc.). The normal alarms and “log” alarms can be distinguished in the events log. The function cannot be enabled for inputs set as "patrol” or "path". **Disabled;**
- **+OFF invert:** this function invert the polarity of +OFF output. **Disabled**
- **Abilita Wi-Fi:** abilita o disabilita la scheda Wi-Fi se collegata;
- **Supervision cycles:** it allows you to select by means of the arrows, after how many missed cycles of Monitoring, the relative signal will be sent; the value can be set from 1 to 6.

## 5.2 SUPERKEYS

If the superkeys are enabled, they allow you to reach certain functions faster. Numeric keys 1, 2, 3 and 4 can be enabled to perform this function. To use these functions it is necessary that at least one TOUCH series keyboard is present on the system.

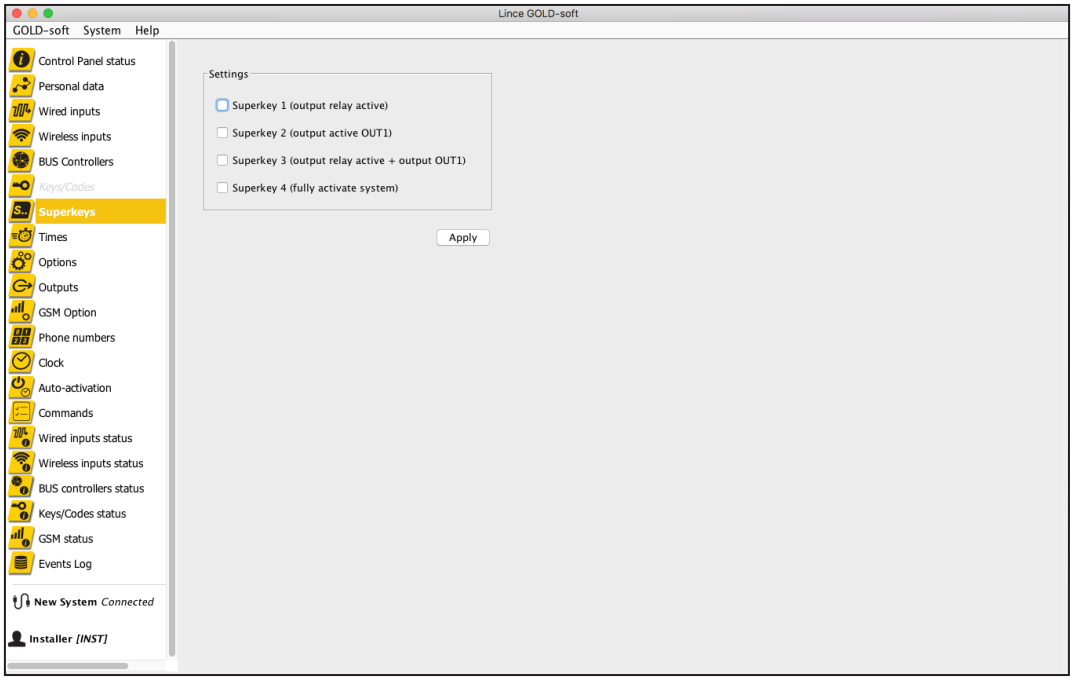



**Fig. 49**

The functions associated with the individual superkeys are:

- Superkey 1: if enabled from programming, it enables relay outputs associated with the alarm.
- Superkey 2: if enabled from programming, it enables output OUT.
- Superkey 3: if enabled from programming, it enables outputs relay + output OUT.
- Superkey 4: if enabled from programming, it fully enables the system (it does not disable).

Click on “Apply” to make the settings effective.

## 5.3 CLOCK

The “clock” section allows you to set the clock of the control unit and offers the possibility of taking the time directly from the computer. The “activity hours” field indicates the total number of hours the control panel has been switched on since the last start-up.Press “Apply” to make the changes effective.

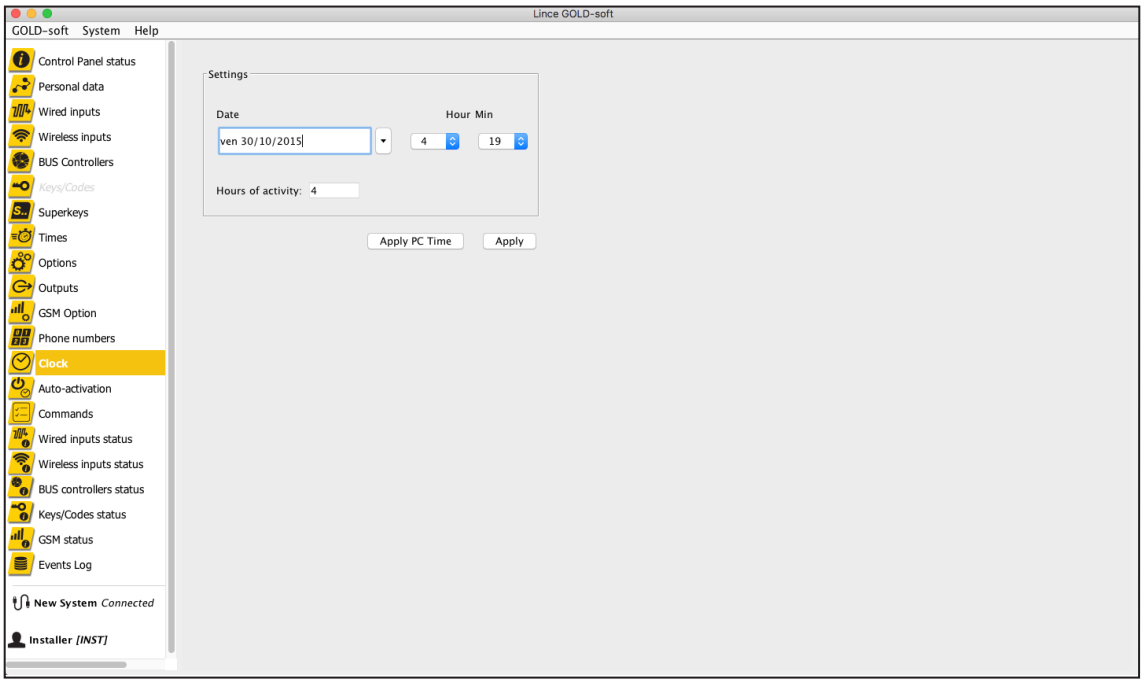



**Fig. 50**

## 5.4 AUTO-ACTIVATION

In the “Auto-activation” section it is possible to set at which time you want the three programs, with the different combinations that derive from it, to switch on automatically. Each auto-activation must be enabled by checking the relevant entry to be effective. Press “Apply” to make the changes effective.

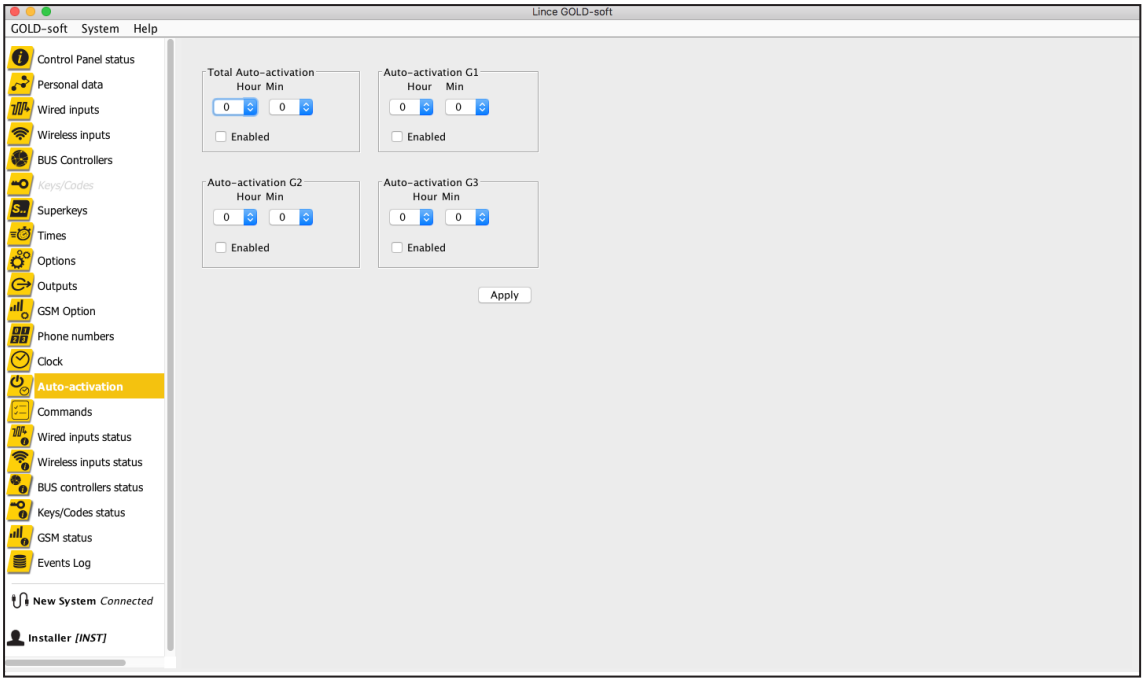



**Fig. 52**

## 5.5 ACCESS CONTROLS

### 5.5.1 Keys storage

To store the transponder keys EUROPLUS-INS or CONTACTLESS for system switching, go to the “Commands” section and press the “Add new keys” key. When the message below appears, move the key to be stored close to the keyreaders. **If inserted, remove the service jumper.**

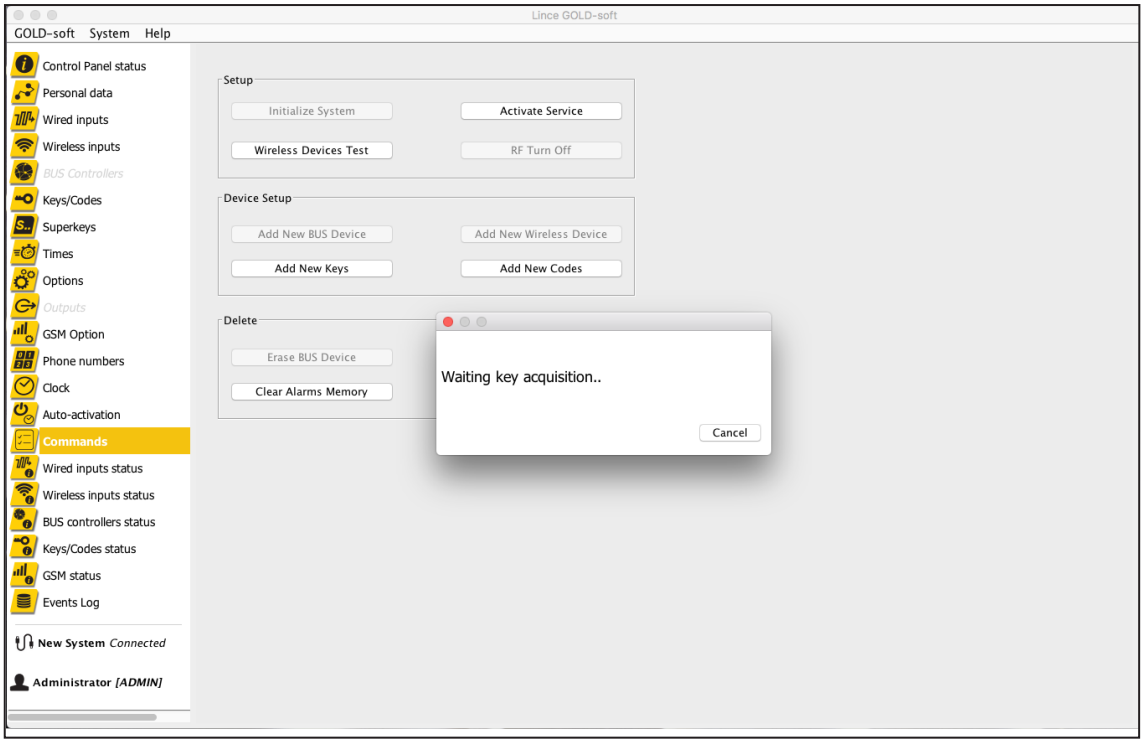



**Fig. 51**

The next screen that is proposed, allows to immediately set the parameters related to the key for which the memorization has been requested. Press the “Apply” button to confirm the options chosen.
Once a key is stored, the software automatically returns to the first screen so that others can be acquired. When finished, press “Cancel” to exit the procedure.

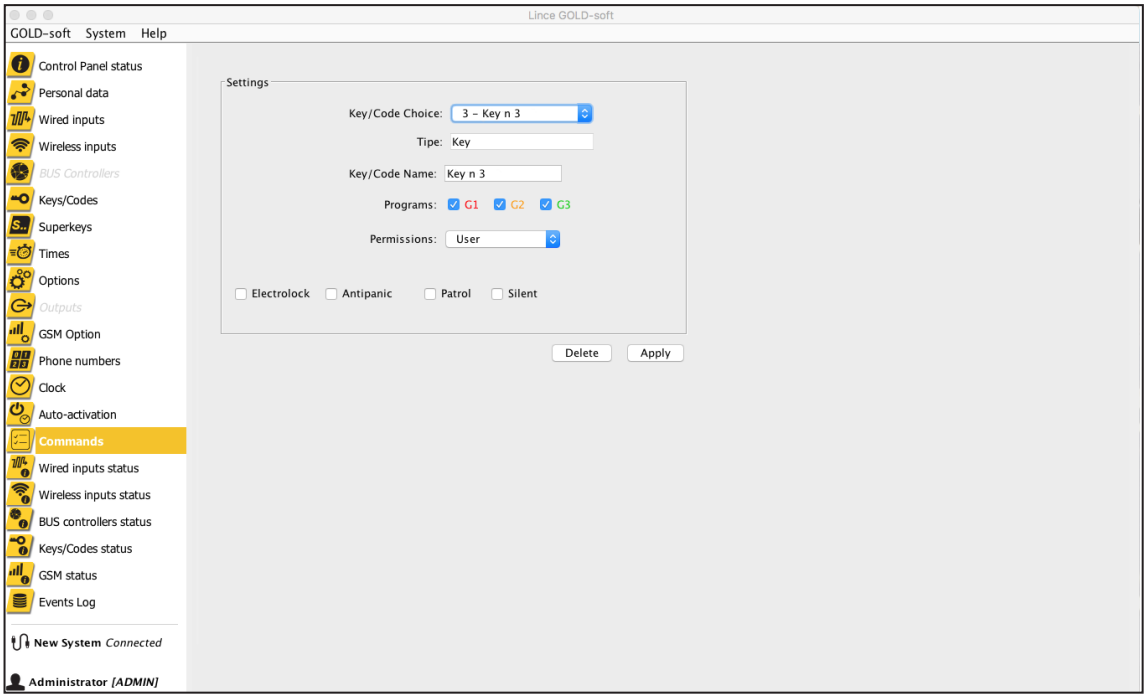



Fig. 53

## 5.5.2 Codes storage

To memorize access codes and system switching, go to the “Commands” section and press the “Add new codes” button. When the message appears, enter the code you want to memorize and enter it again as confirmation. This operation can only be performed with administrator privileges.

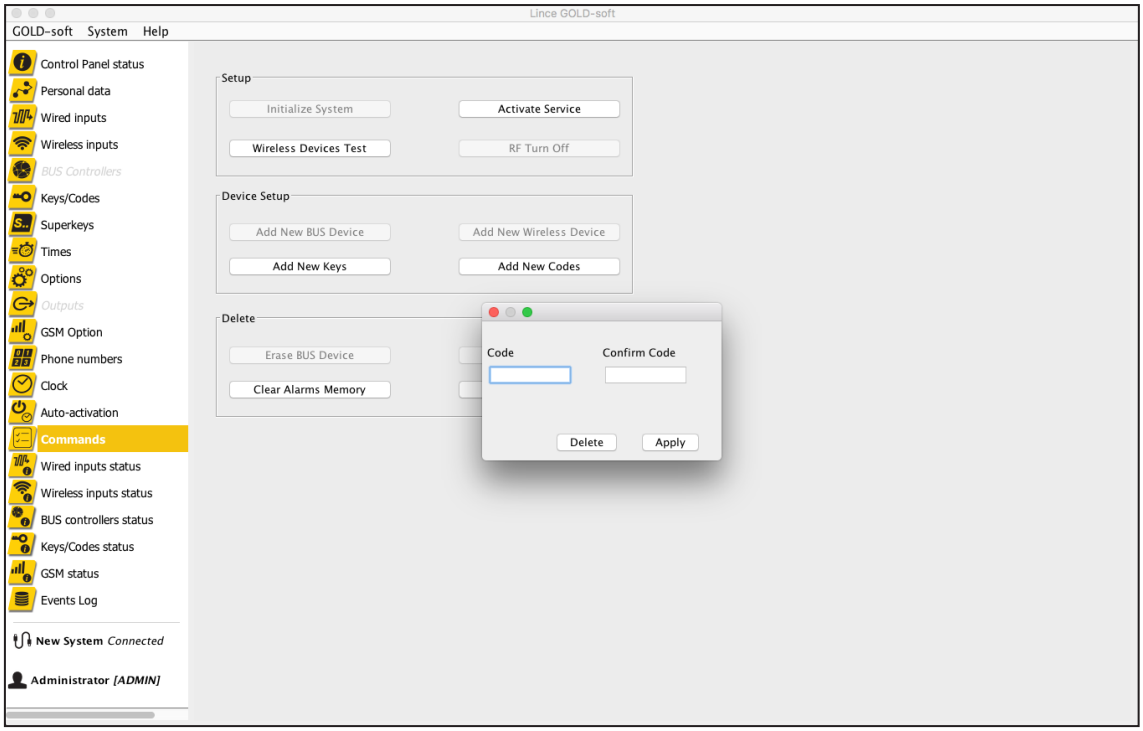



Fig. 54

The next screen that is proposed, allows to immediately set the parameters related to the code for which the memorization has been requested. Select the type of code from the drop-down menu, set the name you want to assign and the programs that the code can switch. Regarding the permissions granted to each type of user (user, administrator, installer), refer to the table on the next page.

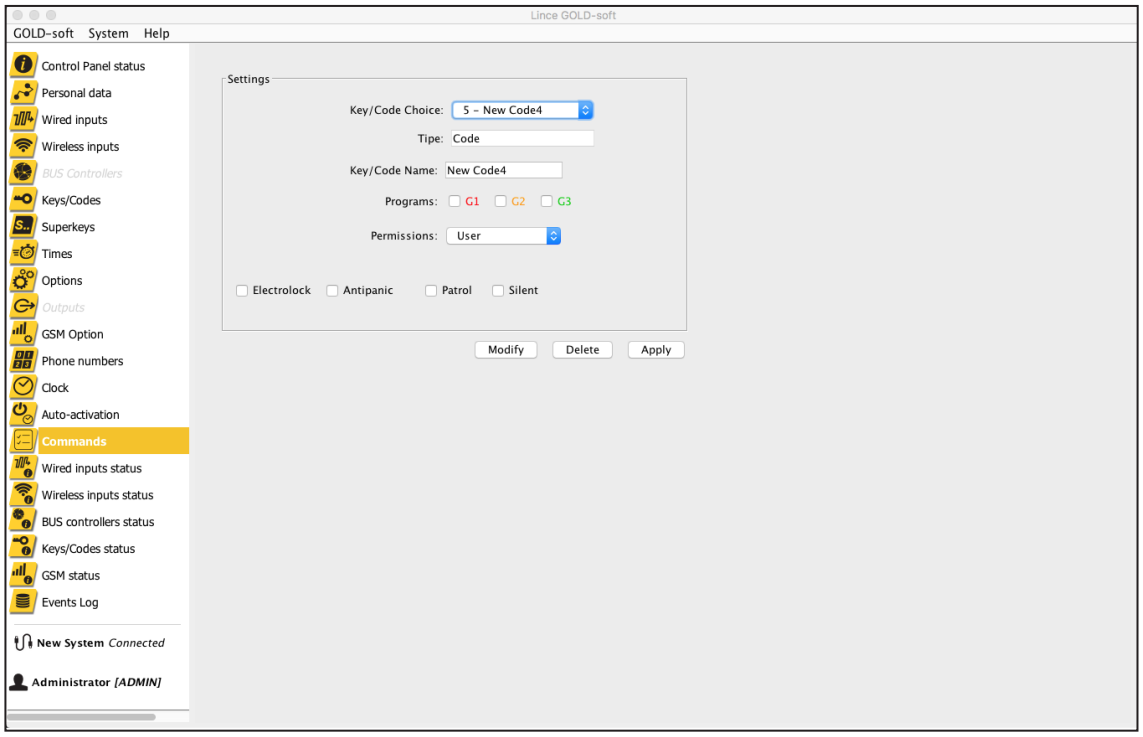



Fig. 55

### 5.5.3 Change parameters Keys and codes and delete (administrator)

In the “Keys / Codes” section it is possible to log in only with administrator privileges. Select from the “Keys / Code Choice” menu based on the name assigned during storage; it is therefore possible to change all the parameters and attributes related to them.
By clicking on “Modify” it is possible to modify the parameters of a code and search for it simply by entering it in the appropriate window that appears immediately.
By clicking on “Delete” you can delete the selected code / key, then select “Yes” on the next screen to confirm.
After changing any parameter of any key / code, press “Apply” before moving on to the next one to make the changes effective.

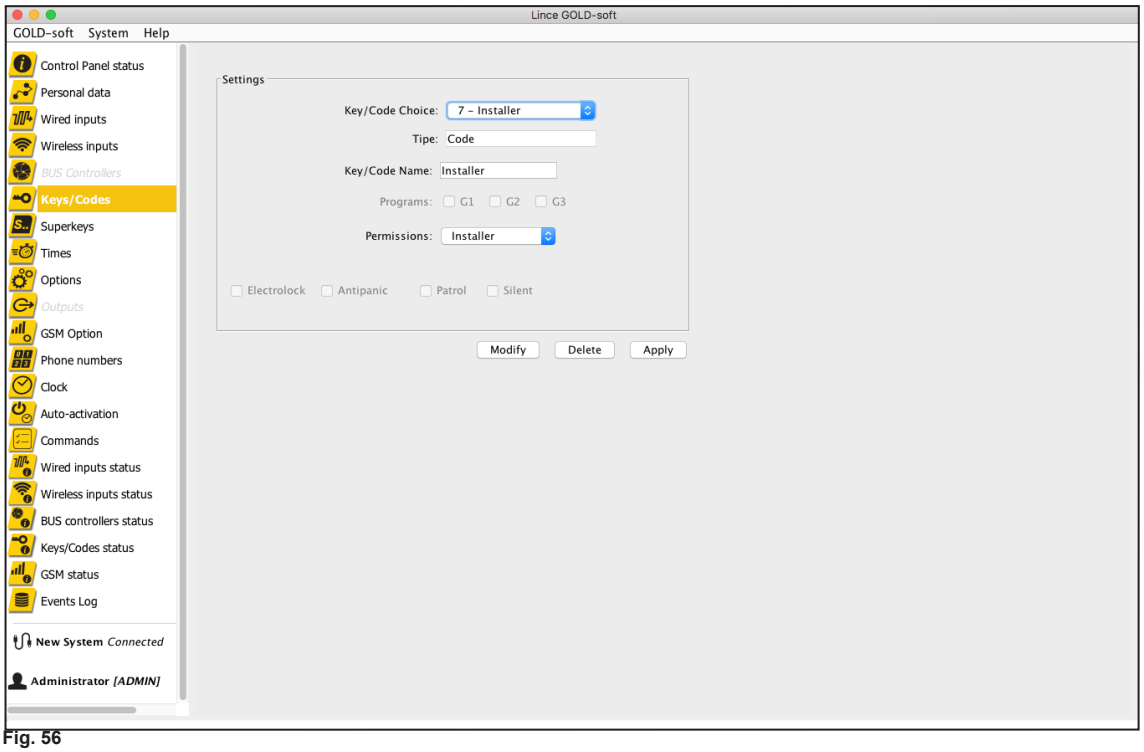



Fig. 56

# 6. GSM DIALER CONFIGURATION (IF PRESENT)

## 6.1 GSM OPTIONS

Through the section “GSM options” it is possible to enable / disable the options relating to the operation of the dialer inside the control panel. On this screen, you can also record an alert voice message. You can then set the communication parameters, the number of the SMS service center is read directly from the SIM in use; in cases where SIM cards not belonging to the most popular operators are used, it can be inserted manually. By checking the “RF Jam Management” item, you can enable or disable the sending of radio disturbance reports. Press “Apply” to make the changes effective.

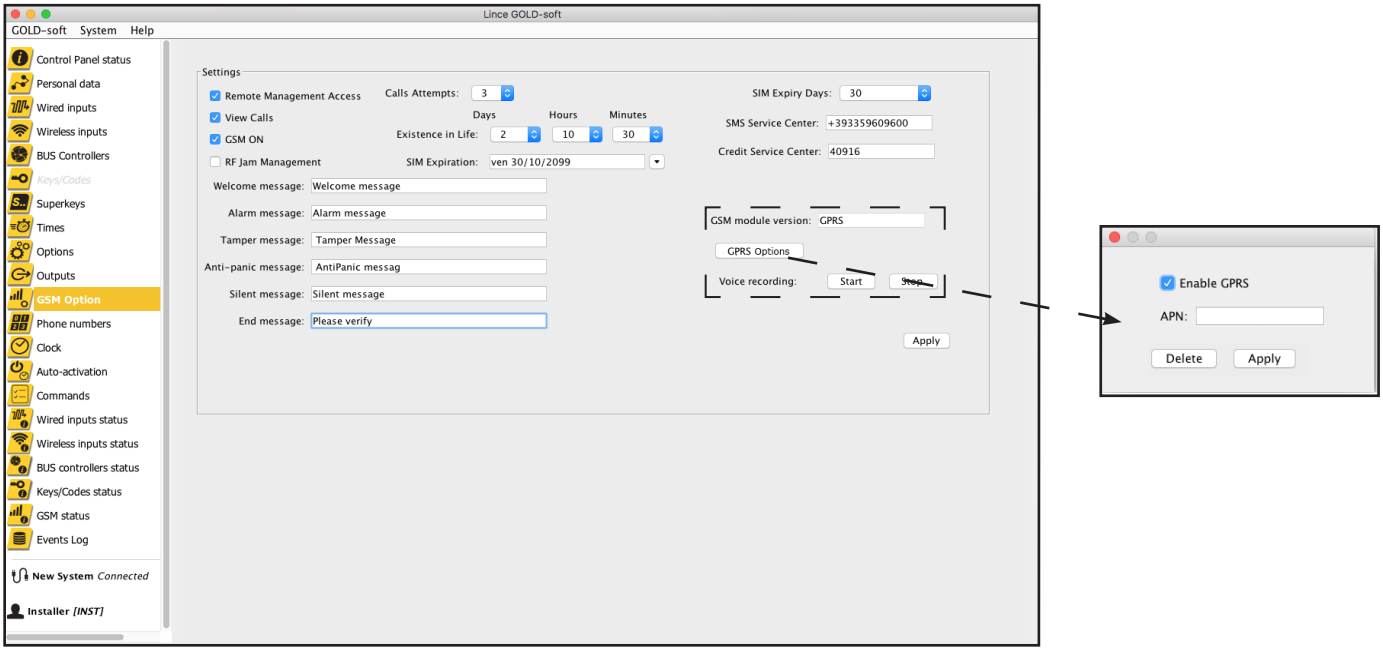



**Fig. 57**

By clicking on the “Start” and “Stop” buttons it is possible to memorize the voice message (it is recommended to position yourself near the control panel). By clicking on “GPRS Options” you can enter the APN provided by your telephone operator and enable GPRS connectivity. By pressing “Apply” on this screen, the software automatically positions itself on the “GSM Status” menu where “Attention, wait for the GSM module to restart” is displayed.

## 6.2 PHONE NUMBERS

In the “Phone numbers” section you can set all the options related to the telephone numbers that must be contacted in case of need. Press “Apply” to make the changes effective before proceeding to the setting of the next number.
The “Test” function allows performing tests on the correct sending of SMS and receiving voice calls for the numbers indicated; in this phase each number indicated receives an SMS and a voice call. In case of TEST function, an information panel is shown on the screen indicating that the call is in progress.

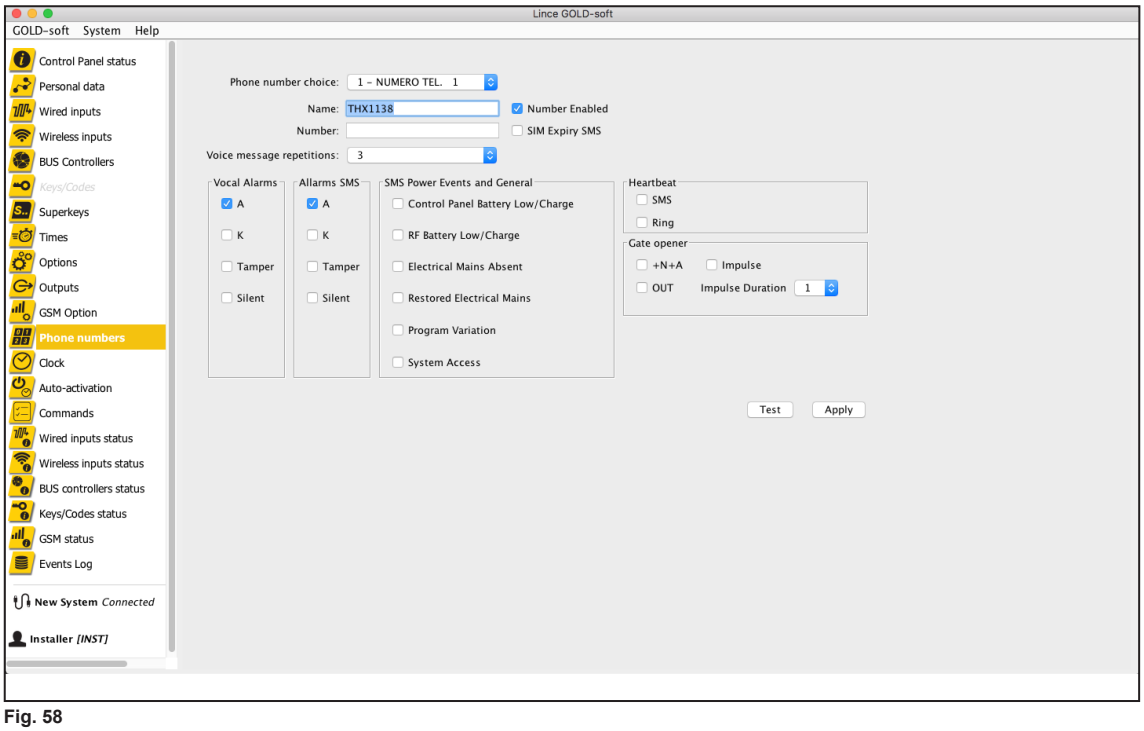



**Fig. 58**

# 7. SYSTEM STATUS

## 7.1 WIRED INPUT STATUS

The “Wired Inputs Status” section allows you to view the current situation of the wired inputs and any alarm memories, exclusion, faults, association to programs, etc. From the drop-down menu it is possible to select (in blocks of 16) the group of inputs for which information is to be received.

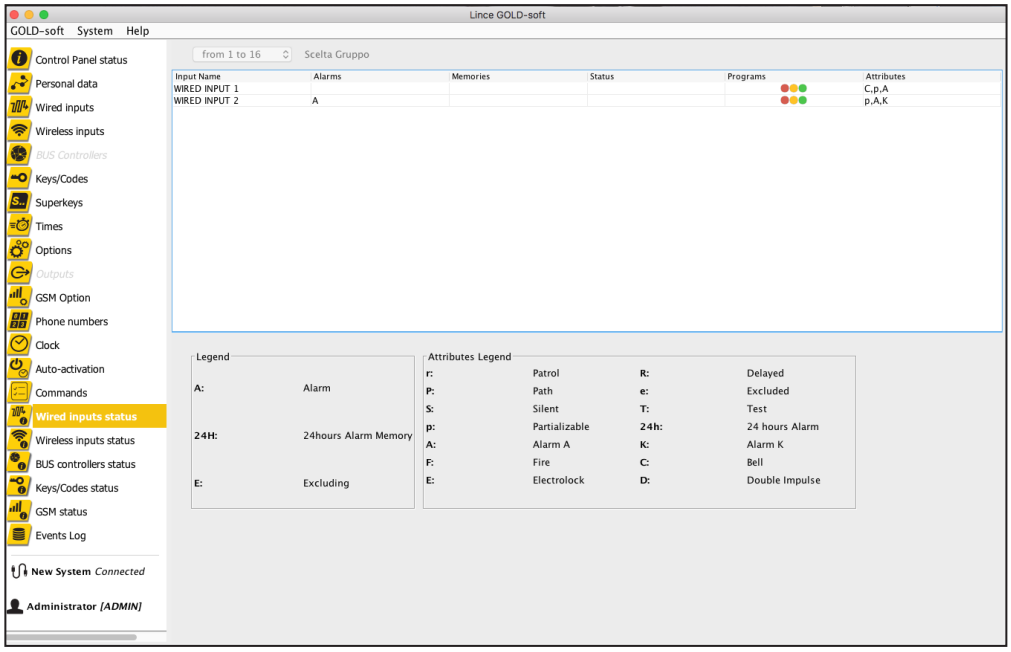



**Fig. 59**

## 7.2 WIRELESS INPUTS STATUS

The “Wireless inputs status” section allows you to view the current status of the radio inputs, any alarm memories, exclusion, faults, programs, etc. From the drop-down menu you can select (in blocks of 16) the group of radio inputs of which you want to receive information. In particular, by double clicking on a memorized device it is possible to receive information such as the peripheral signal level, the FW version and the transmission frequency.

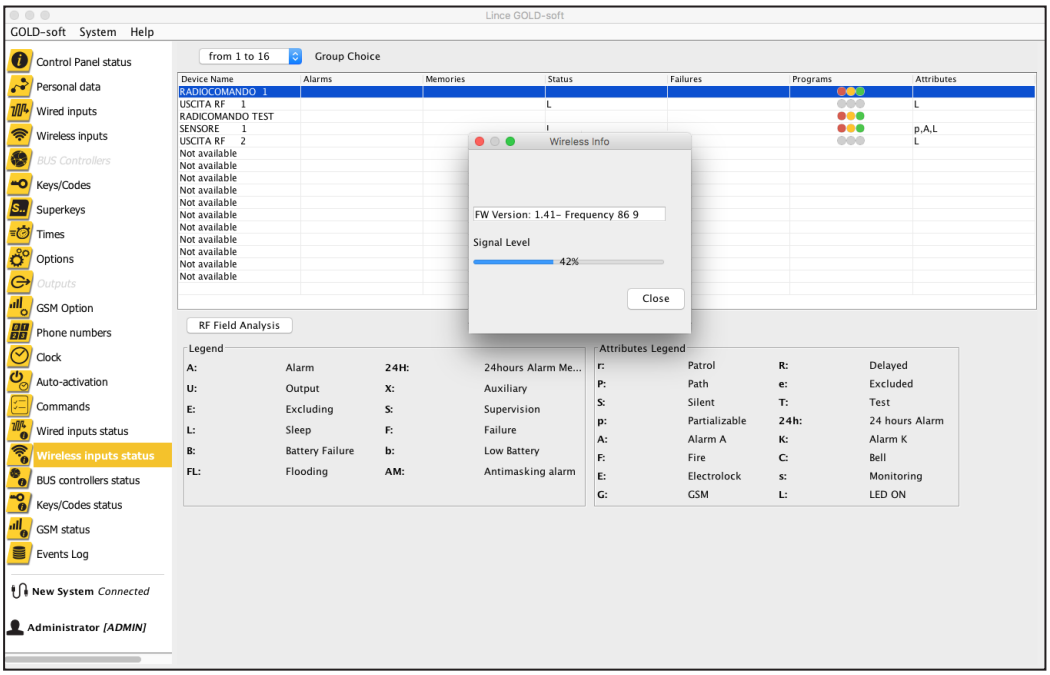



**Fig. 60**

By clicking on the “RF field Analysis” button it is possible to receive information on the transmitted (**TX**), received (**RX**), belonging to the system but damaged (**Error**) and not belonging to the system (**Noise**) packets.

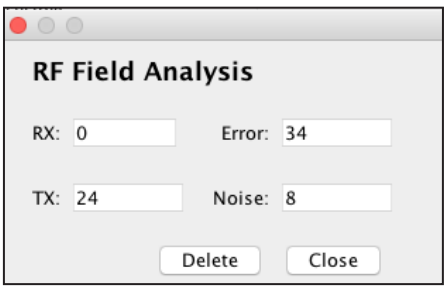



**Fig. 61**

## 7.3 BUS CONTROLLERS STATUS

The “BUS controllers status” section allows you to view the current situation of the peripherals connected to the BUS. From the drop-down menu it is possible to select groups from 1 to 16 and from 17 to 32. From this screen it is also possible to check tampering in real time.

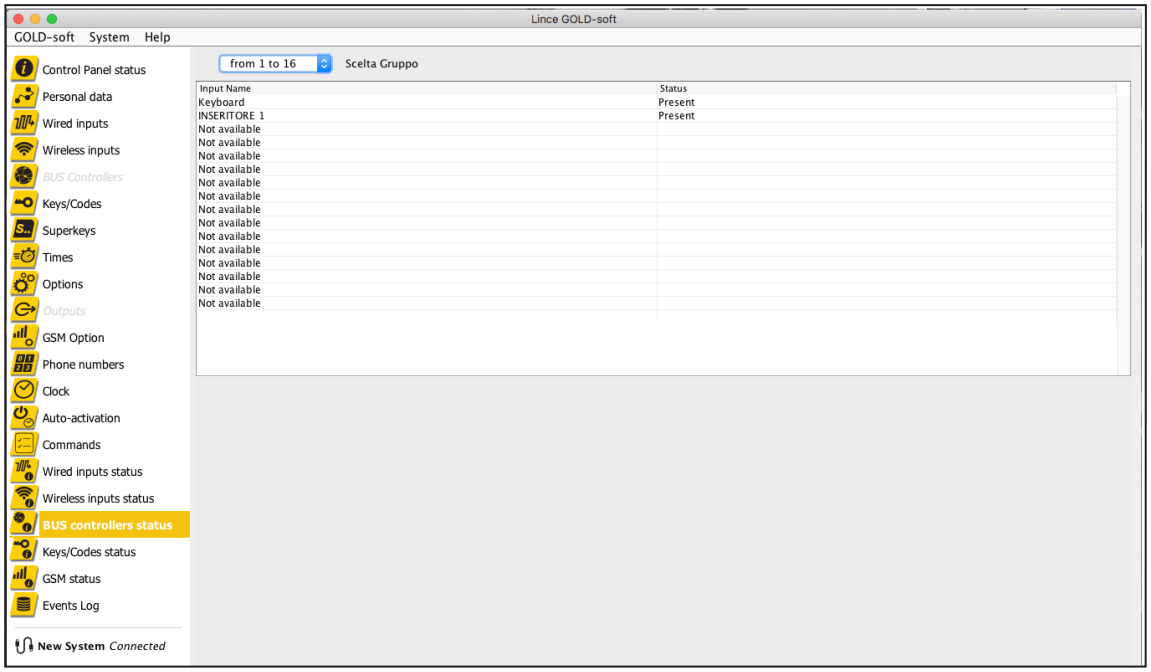



**Fig. 62**

## 7.4 KEY/CODES STATUS

The “Keys / Codes Status” section allows you to view the current situation of the keys and codes present on the system with the related privileges and enabled programs. From the drop-down menu it is possible to choose the group from 1 to 16 and from 17 to 32.

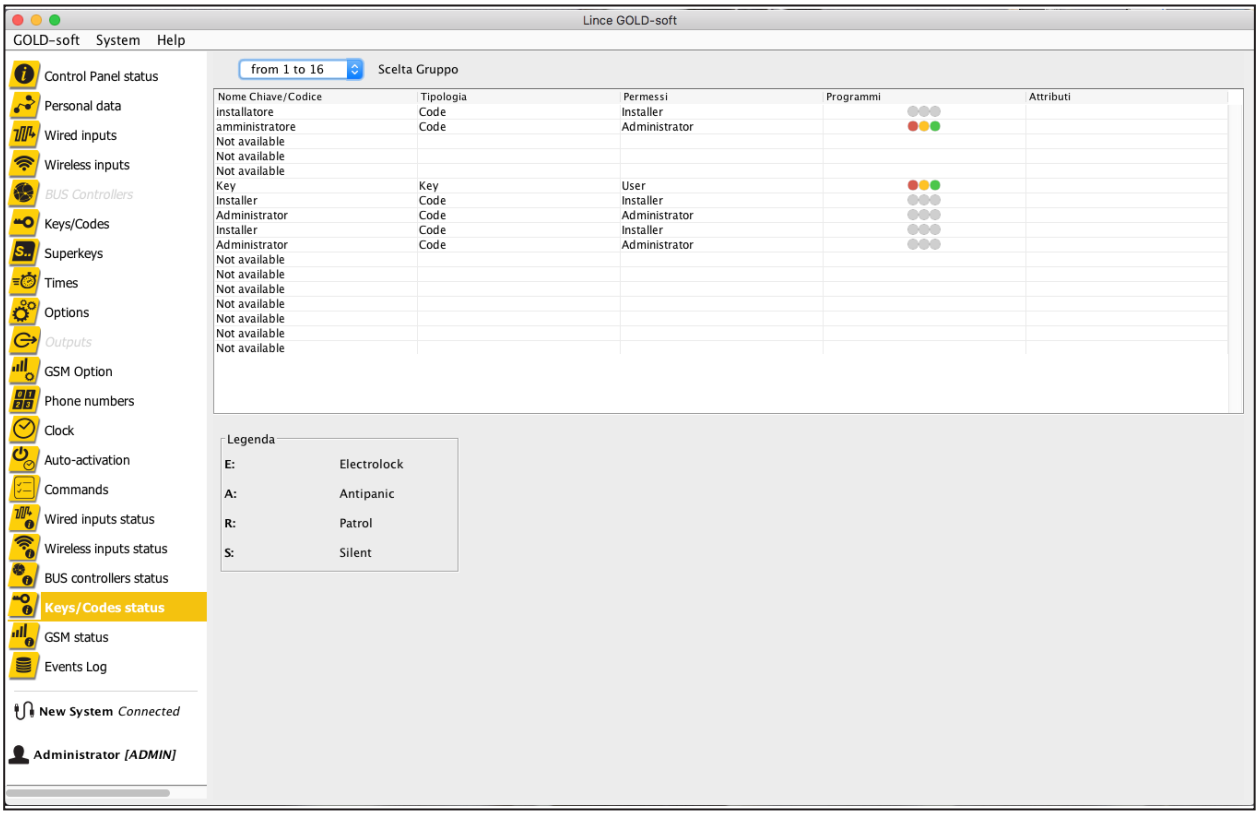



**Fig. 63**

## 7.4 GSM STATUS

The “GSM status” section allows you to view information on the GSM card in use.

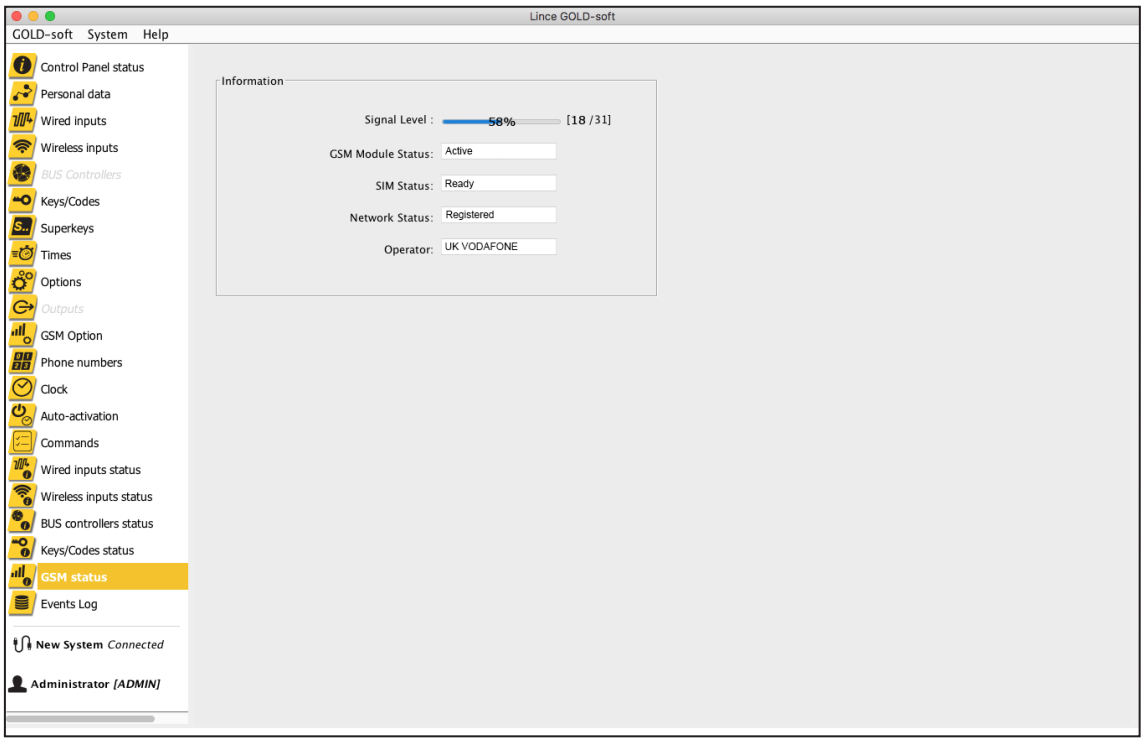



**Fig. 64**

## 7.5 EVENTS LOG

The “Events Log” section allows you to view events such as access, arming/disarming, alarms, etc. which can be filtered from the drop-down menu. Furthermore it is offered the possibility to export them in a text file (* .csv). The two keys “Request” and “Stop” allow you to make the event request and stop it with “Stop” when necessary.

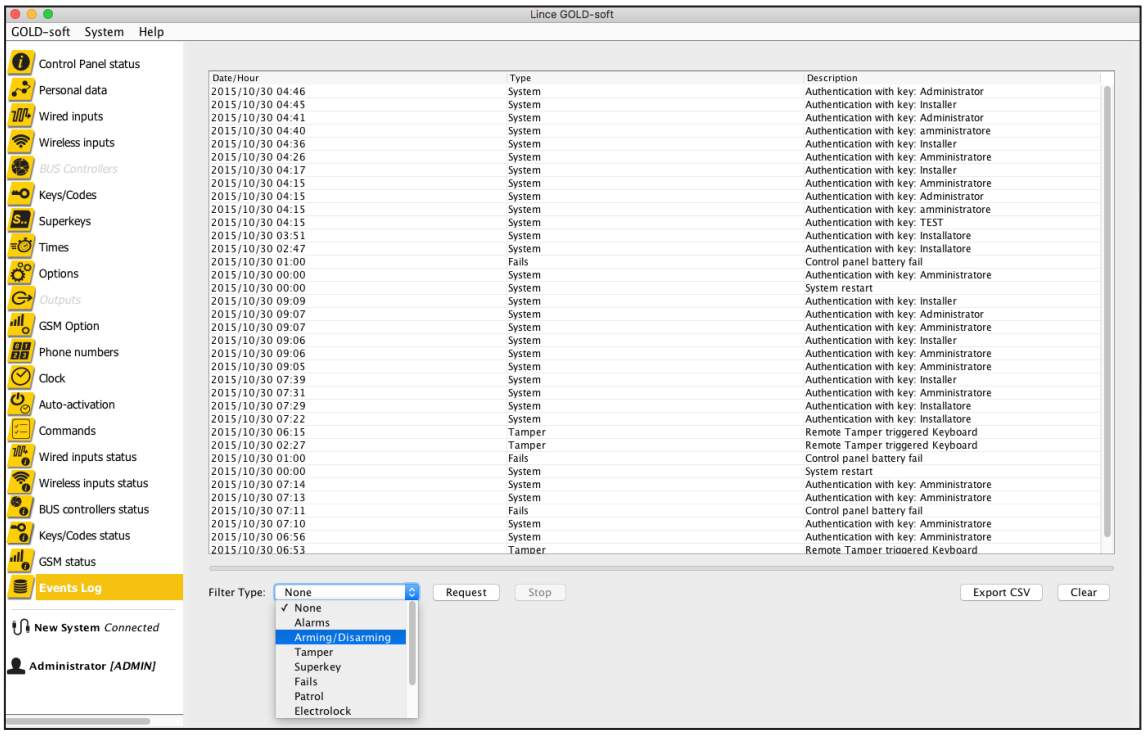



**Fig. 65**

## 7.6 WIRELESS DEVICE TEST

The “Wireless Devices Test” section allows you to receive information on the status of motion detectors and magnetic contacts. Press the “Wireless Devices Test” button and open an area of the device for which you wish to receive information. The latter are reported, as in the example below, on a screen that can be exported to a text file using the appropriate “Export” button.
This function allows, at any time, to test the proper functioning of the system.

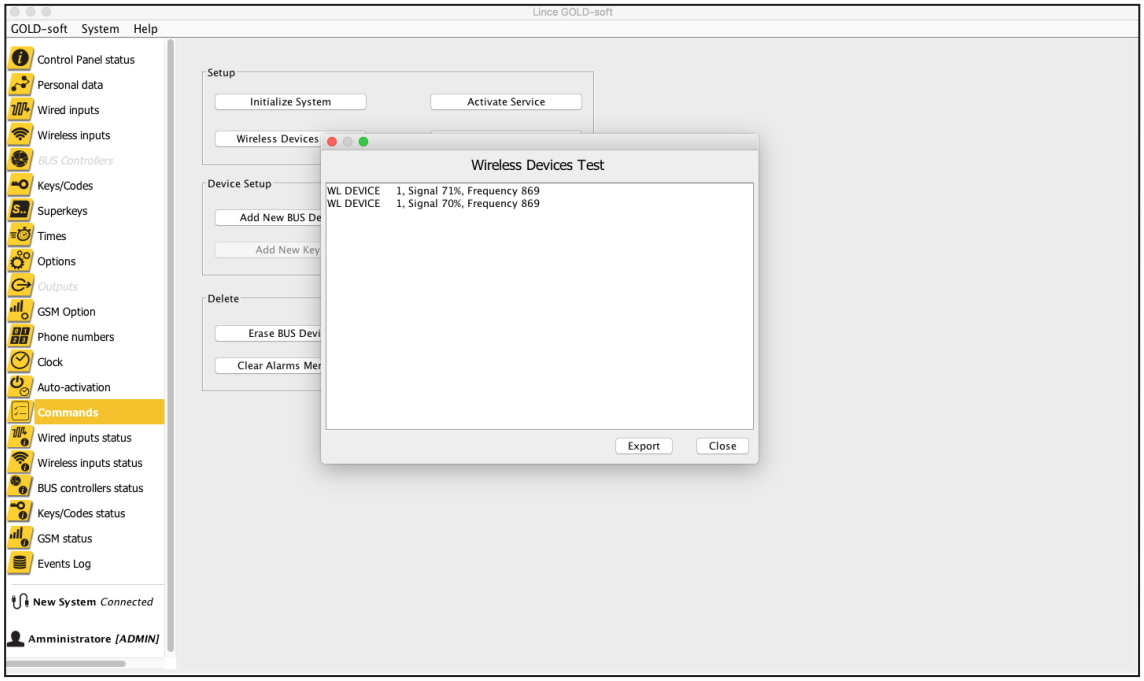



Fig. 67

# 8 SYSTEM MANAGEMENT

The following screenshots deal with the commands related to plant management.

## 8.1 RF TURN OFF

The “RF turn OFF” button in the “Comands” section allows you to turn off the radio part of the control panel by closing communication with the wireless devices until the next restart of the control panel. This operation can only be performed by an “Installer”. All the devices remain in a dormant situation for one hour, waking up two minutes every hour: if they do not find the control panel, they return to low consumption, otherwise they align with it. To be used if you program on the bench and then install it at a later time so as not to excessively consume the batteries.

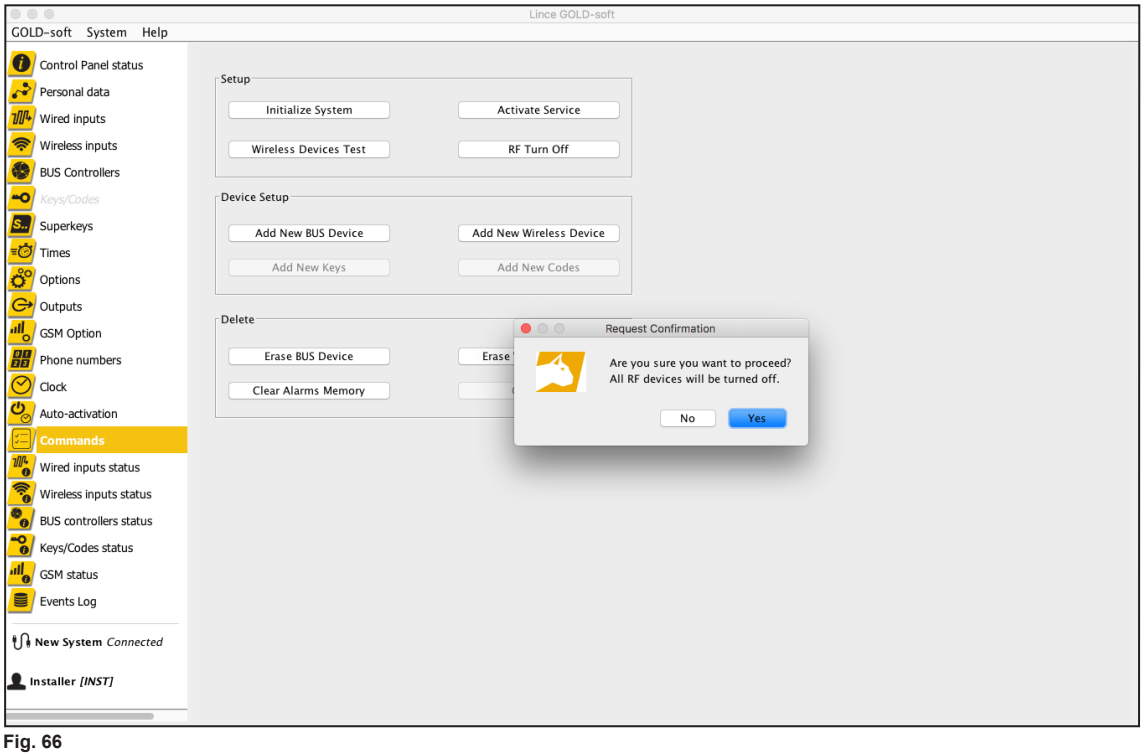



Fig. 66

## 8.2 SYSTEM INITIALIZATION

Press the “Initialize System” button to restore the control panel to the factory settings. On the next screen, enter the GOLDSoft password to make the changes effective. This operation can only be performed by an “installer”. The default passowrd is “lince”.

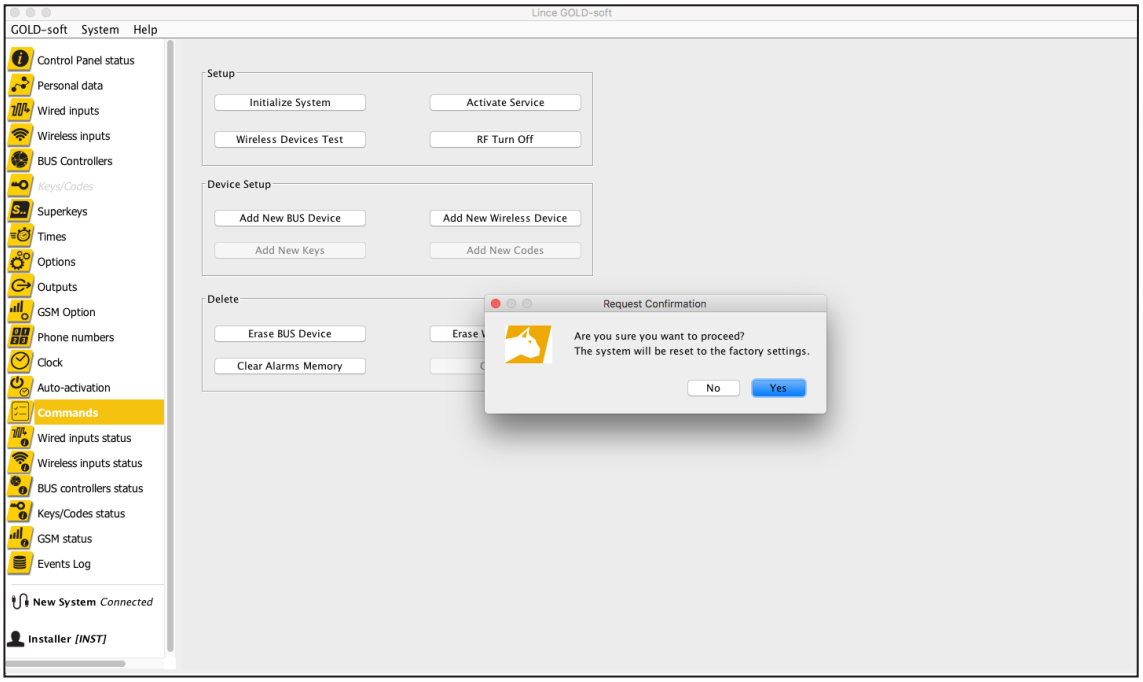



Fig. 68

**After initialization, it is recommended to restart the control panel by disconnecting and subsequentially powering it again.**

## 8.3 SERVICE STATUS

Press the “Activate service” button to activate the service status of the control panel. Press the button again to deactivate it.

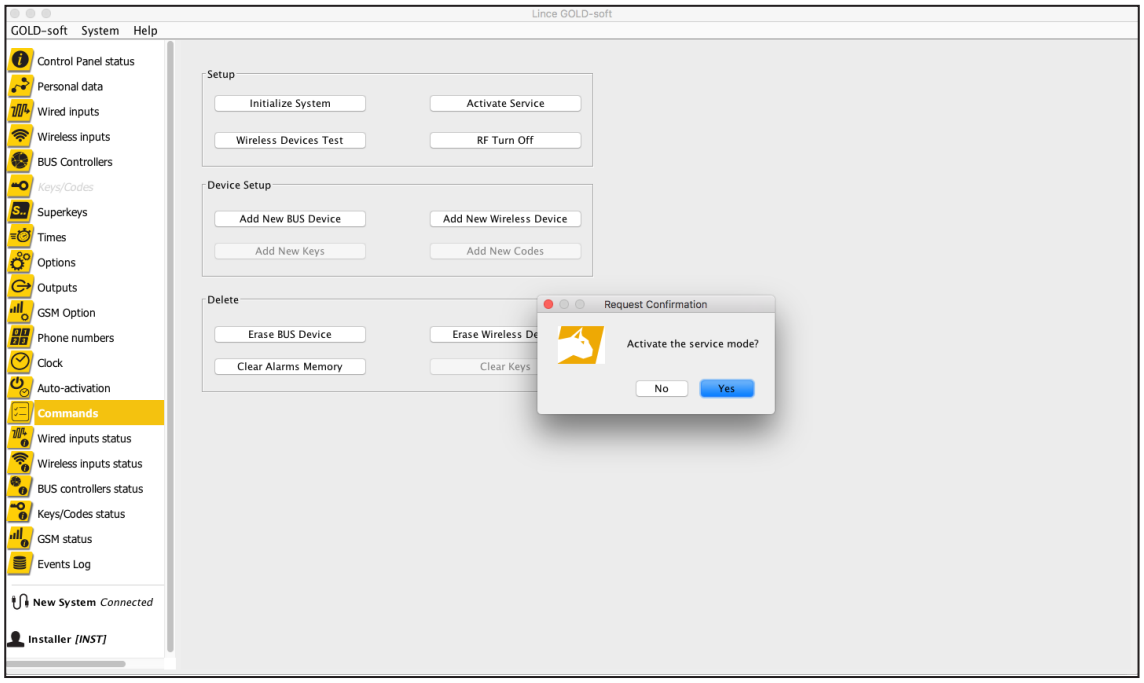



Fig. 69

## 8.4 ALARM MEMORY ERASURE

The “Clear alarm memory” button allows you to delete the alarm memories present. Press “YES” to confirm the operation.

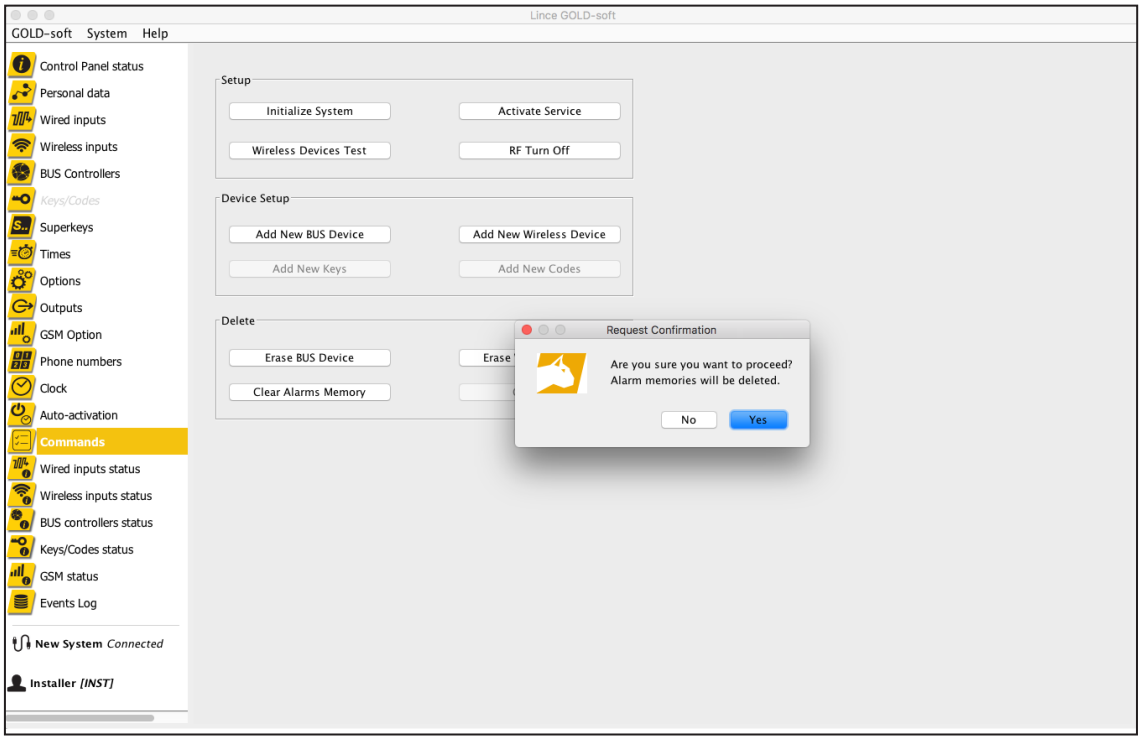



Fig. 70

# 9. MENÙ BAR

The menu bar allows access to various settings and additional functions useful for better management of the software and the system.

## 9.1 GOLDSOFT MENÙ

The “GoldSOFT” menu allows you to set the language, set the serial port, change the software password and use the import and export function. In particular, the items “import” and “export” allow you to import and export the list of systems present in the software in * zip format.

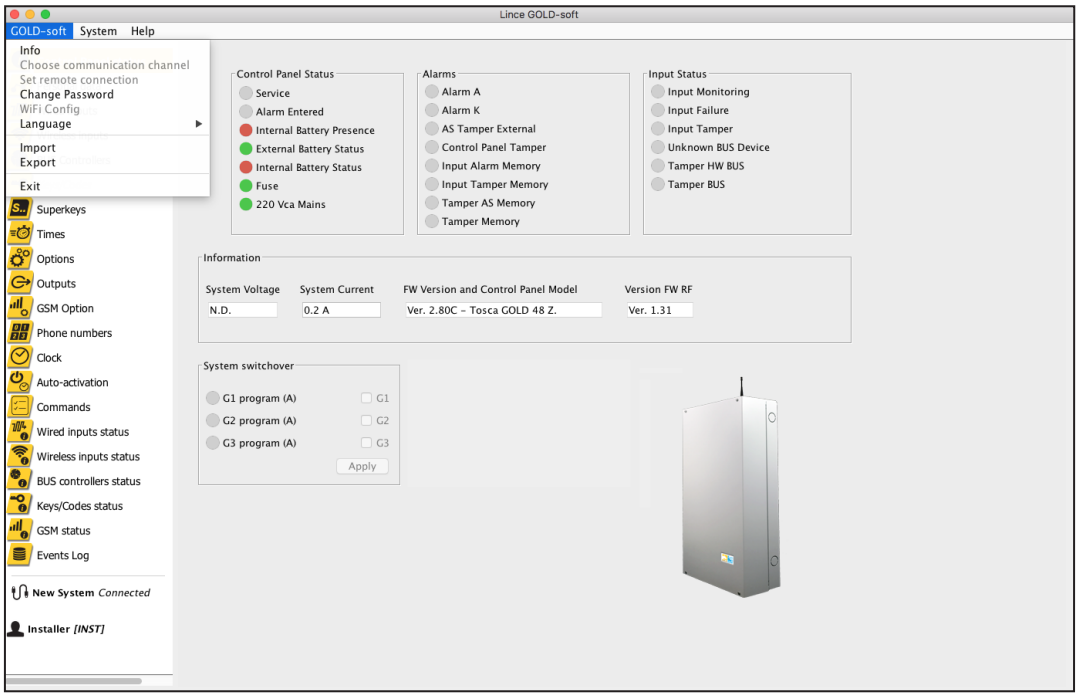



Fig. 71

### 9.1.2 Info menù

In the “Info” menu, the software revision and the direct link to the LINCE site are displayed.


Fig. 73

## 9.2 SYSTEM MENÙ

The “system” menu allows access to functions related to the reception of configurations from the control panel, to the list of systems and to the update of the control panel. The “Change user” option allows you to change between the installer and administrator users simply by entering the relevant code. The administrator cannot operate on “Times”, “Outputs”, “BUS controllers” while the installer cannot operate on the “Key / Codes” menu.

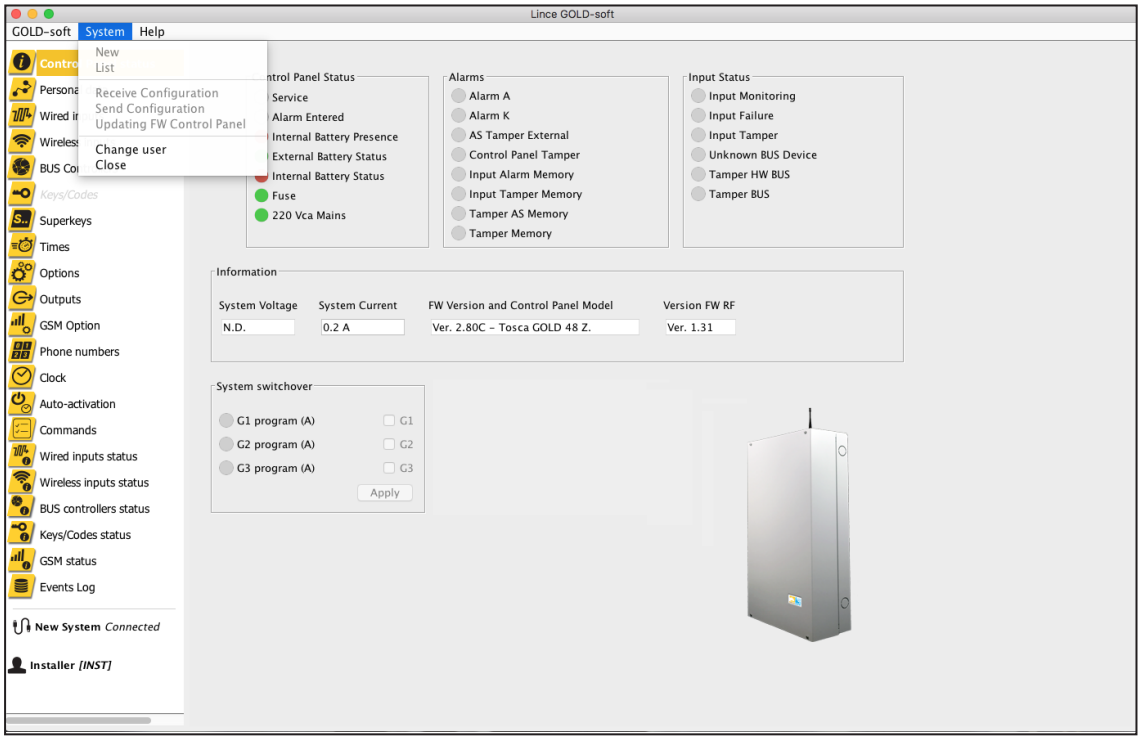



Fig. 72

## 9.3 SYSTEM DATABASE MANAGEMENT

### 9.3.1 Online mode (connection between control panel and software)

If you want to save the control panel configurations on your computer, select “save” from the new system screen. The system will ask automatically if you want to save the configuration when the system is changed or closed.

**For each saving the previous file is overwritten; to save different configurations of the same system, simply change the name of the system and press the “SAVE” key.**

### 9.3.2 Off-line mode (no connection between control panel and software

It is possible to configure new systems (except for radio devices) or modify systems already present in the database. Click on the item “plant”, open the “list” and open the “demo” system. This allows to configure a system without having to receive the configuration from the control panel and without it being connected to the computer.

### 4.3.3 System list management and configuration exchange

Using the system list allows you to manage different off-line systems or modify them. To download the configuration to the control panel, it is first necessary to connect to it via cable or via Wi-Fi in the manner already described above, click on the system name you wish to change, enter the access code, click on “System” -> “Receive Configuration” to import the current configuration of the control panel and overwrite it on the registry or save it in a new or “Send Configuration” in case you need to send changes to the system made off-line. At this point the system will check the connection of the system to the cloud (if so, connect the Wi-Fi board locally). After this check, the system will ask for confirmation of the operation as the control panel will be overwritten and this operation is clearly irreversible.

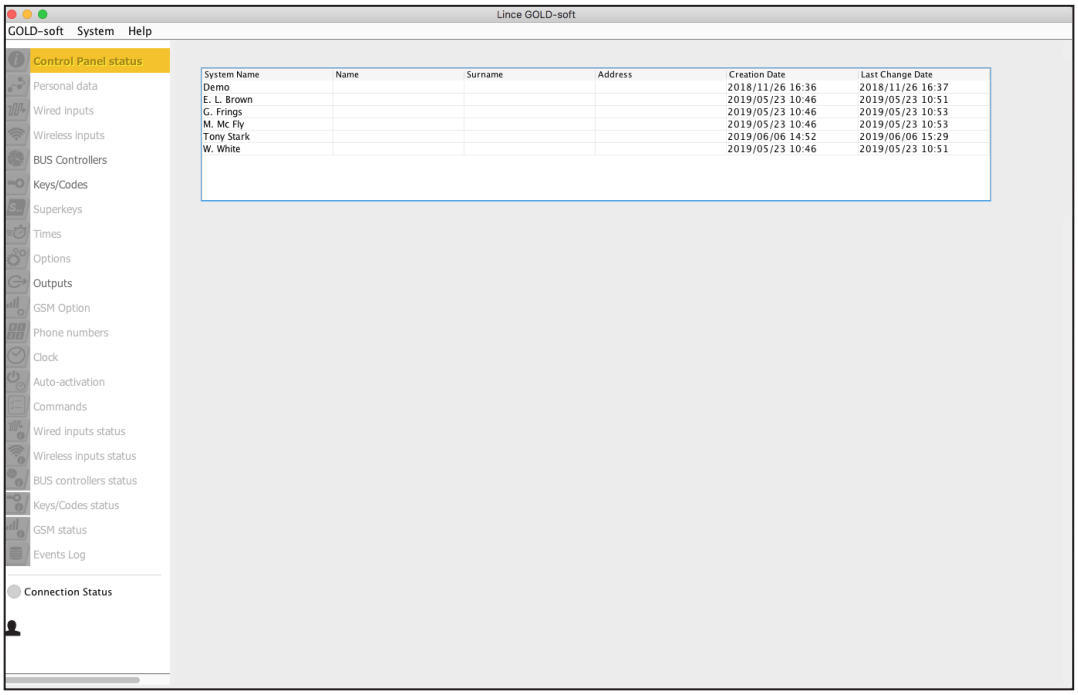



**Fig. 74**

At the end of sending the configuration, the system displays which changes have been detected between the configuration present in the control panel and the one being loaded.


**Fig. 75**

# 10 COMPATIBLE OPERATING SYSTEMS

The operating systems compatible with the GoldSOFT are:
- Windows starting from version 7;
- Mac OS starting from version 10.12;

# 11. DTMF TONES

During the alarm calls, you can interrupt the call and SMS cycles by pressing the 1 or 0 keys directly from the receiving telephone:

- pressing 0 interrupts the call and SMS cycles;
- pressing 1 interrupts the call and SMS cycles and also closes all the outputs;

# 12. MAINTENANCE AND PERIODIC INSPECTIONS

To make sure the control panel works properly, replace the backup battery every 2 years.

**ATTENTION! DO NOT use chlorinated products, abrasive products or alcohol to remove particularly noticeable dirt.**

1. Clean the lid with a cloth dampened with water.
2. Then wipe with a dry cloth.

**ATTENTION!**
**If, after storing the devices, the control panel is switched off or the control panel and devices are out of range, it is recommended to remove the batteries from the devices in order to preserve their autonomy**

# 13. DISPOSAL AND SCRAPPING

1. Unscrew the screws that secure the front lid and remove it.
2. Disconnect the board: disconnect all terminal blocks on the terminal board (see Fig. 3).
3. Divide the parts according to their type and dispose of them according to the laws in force.

**ATTENTION!**
**Do not disperse the components and any other material of the product into the environment.**
**Consult authorised consortia for the disposal and recycling of materials.**

# 14. CONFIGURATION AND REMOTE MANAGEMENT OF THE SYSTEM

Replace where indicated with <CODE> your access code (administrator) registered in the control panel.

| SMS SINTAX | FUNCTION |
|---|---|
| **HELP REQUEST COMMANDS** | |
| **<CODE>?9*** | Generic help request |
| **<CODE>?9?*** | Request for help with questions |
| **<CODE>?9?X*** | Request for specific help ( from 0 to 8 ) |
| **<CODE>?9! *** | Request for help on commands |
| **<CODE>?9!X** | Request for specific help ( from 0 to 8) |
| **REMOTE REQUEST COMMANDS** | |
| **<CODE>?0*** | Information request on numbers on the phonebook and their enabling |
| **<CODE>?1*** | Information request on the status of activation Of the programs |
| **<CODE>?2*** | Information request on general status of wired input exclusion |
| **<CODE>?2XX*** | Information request on status of specified wired input exclusion |
| **<CODE>?3*** | Information request on general status of wirelless input exclusion |
| **<CODE>?3XX*** | Information request on status of specified wireless input exclusion |
| **<CODE>?4*** | Information request on load name attributes |
| **<CODE>?4LOAD NAME*** | Information request on load activation status |
| **<CODE>?5XX*** | Memory events interrogation request ( xx = event number) |
| **<CODE>?5AXX*** | Memory events interrogation request with filters (A S L E I T R C)<br>• A: Alarm filter:<br>• S: Sabotages<br>• L: Power supply events<br>• E: Elettrolock<br>• I: Enabling/Disabling<br>• T: Function keys (Special keys)<br>• R: Patrol route<br>• C: System access |
| **<CODE>?7*** | Request for residual credit |
| **<CODE>?8*** | Information request on the whole system (the system sends 12 SMS as answer) |
| **<CODE>?4OUTPUTX*** | Wired output status information request; replace X with 0 for NO and with 1, 2, 3, 4 for other outputs |
| **<CODE>?4OUTPUTRX*** | Wireless output status information request; replace X with the progressive assigned by the panel during storage of the device. |
| **REMOTE MANAGEMENT COMMANDS** | |
| **<CODE>!0*** | Block alarm in progress |
| **<CODE>!00*** | Block all alarm in progress |
| **<CODE>!000*** | Block all alarm in progress + environmental listening for 180 seconds |
| **<CODE>!1XXX*** | En/dis. programs A = Enabling D = Disabling |
| **<CODE>!2EXX*** | Wired input number XX exclusion |
| **<CODE>!2IXX*** | Wired input number XX inclusion |
| **<CODE>!3EXX*** | Wireless input number XX exclusion |
| **<CODE>!3IXX*** | Wired input number XX inclusion |
| **<CODE>!4LOAD NAME*** | Commutation of the selected load |
| **<CODE>!5*** | environmental listening for 180 seconds |
| **<CODE>!7*** | Panic alarm |
| **<CODE>!8DXX*** | Disalbling of telephone number with XX position in phone book |
| **<CODE>!8AXX*** | Enabling of telephone number with XX position in phone book |
| **<CODE>!8AXX#TELEPHONE NUMBER*** | Telephone number replacement in XX position |
| **<CODE>!8AXX#TELEPHONE NUMBER#USER NAME*** | Telephone number and/or description replacement in XX position |
| **<CODE>!9HH:MMGG/MM/AA*** | Control panel time and date modification |
| **<CODE>!4USCITAX*** | Wired output in step-by-step mode commutation, repalce X with 0 for NO output and with 1,2,3,4, for other outputs |
| **<CODE>!4OUTPUTX+YY*** | Wired output in mono stable mode commutation, repalce X with 0 for NO output and with 1,2,3,4, for other outputs, replace YY with the number of activation seconds (0÷99999) |
| **<CODE>4OUTPUTRXX*** | Wired output in step-by-step mode commutation, repalce X with the progressive number assigned from the control panel in device storage phase. |
| **<CODE>!4UOUTPUTRXXI*** | Wired output in mono stable mode commutation, repalce X with the progressive number assigned from the control panel in device storage phase. |
| **<CODE>!4OUTPUTRXX+YY*** | Wired output in mono stable mode commutation, repalce X with the progressive number assigned from the control panel (es 01, 02, etc) in device storage phase, replace YY with the number of activation seconds (0÷99999). |

## 15. SYSTEM CONFIGURATION

| RF Input | Name | RF Input | Name | RF Input | Name | RF Input | Name |
|---|---|---|---|---|---|---|---|
| 1 | | 17 | | 33 | | 49 | |
| 2 | | 18 | | 34 | | 50 | |
| 3 | | 19 | | 35 | | 51 | |
| 4 | | 20 | | 36 | | 52 | |
| 5 | | 21 | | 37 | | 53 | |
| 6 | | 22 | | 38 | | 54 | |
| 7 | | 23 | | 39 | | 55 | |
| 8 | | 24 | | 40 | | 53 | |
| 9 | | 25 | | 41 | | 57 | |
| 10 | | 26 | | 42 | | 58 | |
| 11 | | 27 | | 43 | | 59 | |
| 12 | | 28 | | 44 | | 60 | |
| 13 | | 29 | | 45 | | 61 | |
| 14 | | 30 | | 46 | | 62 | |
| 15 | | 31 | | 47 | | 63 | |
| 16 | | 32 | | 48 | | 64 | |

| WIRED INPUTS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| N° | Name | N° | Name | N° | Name | N° | Name | N° | Name | N° | Name |
| 1 | | 6 | | 11 | | 16 | | 21 | | 26 | |
| 2 | | 7 | | 12 | | 17 | | 22 | | 27 | |
| 3 | | 8 | | 13 | | 18 | | 23 | | 28 | |
| 4 | | 9 | | 14 | | 19 | | 24 | | 29 | |
| 5 | | 10 | | 15 | | 20 | | 25 | | 30 | |

| Wired outputs | Name |
|---|---|
| NA, C, NC | |
| 01 | |
| 02 | |
| 03 | |
| 04 | |

| Tel. number | Name | Tel. number | Name | Tel. number | Name | Tel. number | Name |
|---|---|---|---|---|---|---|---|
| 01 | | 05 | | 09 | | 13 | |
| 02 | | 06 | | 10 | | 14 | |
| 03 | | 07 | | 11 | | 15 | |
| 04 | | 08 | | 12 | | 16 | |

| INSTALLER INFO | | | |
|---|---|---|---|
| name and surname | | | |
| telephone number | | mobile | |
| email | | | |

| NOTES |
|---|
| |
| |


**LINCE ITALIA S.r.l.**
Via Variante di Cancelliera, snc
00072 Ariccia (Roma)
Tel. +39 06 9301801
Fax +39 06 930180232
info@lince.net
www.lince.net


001530/00954EI Rev 1