LINCE
FEEL SECURE

GOLD 869 UNIVERSAL TRANSCEIVER

ART. / ITEM:
9588-GOLD-TXRX-M

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 UNIVERSAL TRANSCEIVER

installation, operation and maintenance manual

CONTENTS

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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

The 9588-GOLD-TXRX-M transceiver is a radio device operating on the 868 and 869 MHz frequencies compatible with the GOLD 869 series devices. The device allows you to associate the GOLD series devices with any other brand alarm control panel equipped with wired inputs. Up to 8 radio devices can be memorized on the master transceiver, 4 outputs controled by remote control 9511-GOLD-RC and 2 inputs that can drive as many 9557-GOLD-OUT outputs.The storage and configuration of the devices can take place directly via the multifunction button on the board or through the GOLDTXRX-Soft software which also allows you to change the default settings of the devices and to change the factory settings of the outputs. It is also possible to connect up to a maximum of 3 expansions 9589-GOLD-TXRX-S by addingup to a maximum of 24 radio inputs to the 8 already present.The transceiver communicates with the devices in bidirectional mode and the devices, in addition to being modified in their parameters via software, know the status of the transceiver status in order to limit transmissions when the system is disarmed. The armed and disarmed status is managed with the OFF terminal block which must be connected to a system status output of the control panel to which the transceiver is connected.

1.1 WIRELESS DEVICES OF THE GOLD 869 SERIES

Below is a list of wireless devices compatible with the transceiver:

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 code **9514-GOLD-BOBBY/E** and **9553-GOLD-BOBBY-AM-E** dual PIR with anti-mask**.** Also available in curtain versions **9554-GOLD-BOBBY-AM-T** double technology with anti-mask, **9555-GOLD-BOBBY-AM-T-E** dual PIR with anti-mask and **9556-GOLD-BOBBY-T-E** dual PIR without 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.**

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. The fourth program can also be activated using the second button. Aesthetically pleasing and ergonomic in use.

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-SAXA
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
Wireless output module is equipped with a relay output that can be driven via the two inputs I1 or I2 and can be used NC / NO, step by step, pulsed or timed. The radio output module also has an input that can be used, for example, to verify the activation of the load.

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

9590-GOLD-SMOKE
Photoelectric smoke detector for domestic use. Detectors of this type are generally more effective at detecting both slow fires that burn for hours, and fires that quickly consume combustible materials and spread quickly.

1.2 ACCESSORIES

Below is a list of accessories compatible with the transceiver:

9589-GOLD-TXRX-S
Expansion module that allows you to add 8 wired outputs in addition to those already on board. It is possible to connect up to a maximum of 3 expansions up to a maximum of 32 outputs and as many memorable radio devices.

1.3 PACKAGE CONTENT

The contents of the package are shown below:

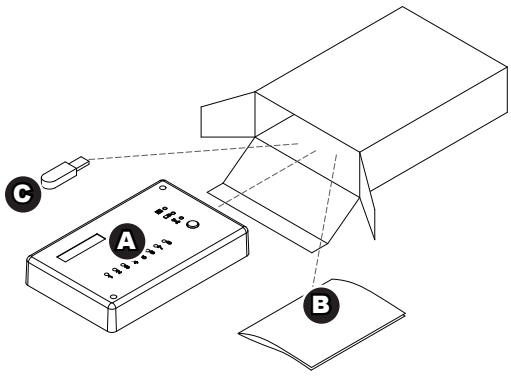


Table 1

Part	Description
A	Device
B	Product manual
C	Pendrive containing the programming software

Fig. 1

1.4 SPECIFICATIONS

Power supply	12Vdc	**Total wireless devices**	up to 32 (detector, remotes, ecc)
Power consumption	80 mA	**NC relay zone outputs**	up to 32
Transmission frequencies	869,40 MHz-869,65 MHz 1 canale, 868,00 MHz-868,60 MHz 4 canali	**NC area 24 h**	1
FH	Frequency Hopping	**Outputs controlable by remotes**	4
TDMA	Time Division Multiple Access	**Dimensions**	170 x 107 x 30 mm
AES	Advanced Encryption Standard	**Working temperature**	5°C ÷ 40°C
Range	up to 1.5 km in free air (the range depends on the type and the combined device)	**Color**	White

1.5 INTERNAL PARTS DESCRIPTION

Table 2	
Part	**Description**
A	Wall fixing holes
B	Hot-Spot reset button for the Wi-Fi module
C	Wi-Fi module status LED, emits only one type of flashing to indicate correct module operation
D	Tear plate fixing hole
E	Anti-removal and anti-opening tamper
F	Terminal block for tamper connection
G	Connector for expansion modules
H	Device status LEDs
I	Input/output terminal block
L	Multifunction button
M	Devices supervision status signaling LED
N	Devices supervision status signaling LED
O	Devices tamper and antimasking signalling LED
P	Pre-cut for cable passage

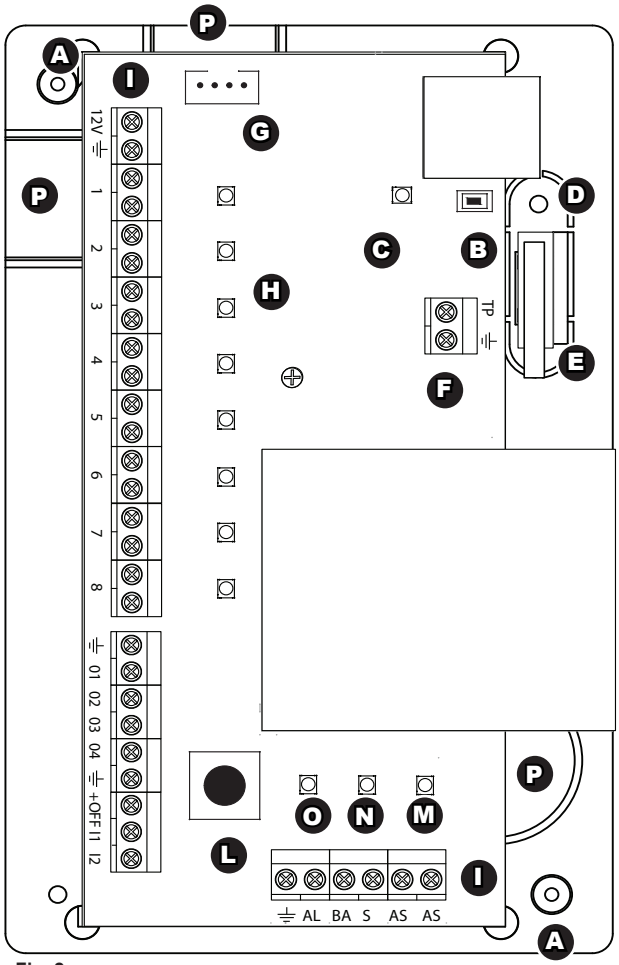


Fig. 2

1.5.1 Terminal block description

Table 3			
TERMINAL BLOCK	**DESCRIPTION**	**TERMINAL BLOCK**	**DESCRIPTION**
12 V	Power supply	**+OFF**	System status input activable due to arrival or lack of negative. If the control panel to which it is connected does not have a compatible output, connect a negative terminal block.
⏚	Reference mass, negative power supply (all the masses are common)	**I1, I2**	Pilot inputs of the associated wireless outputs. Programmable as arrival or lack of negative
1÷ 8	NC relè output	**AL**	Output activable due to lack or arrival of positive to sound any stored sirens
⏚	Reference mass, negative power supply (all the masses are common)	**BA**	Open collector negative output present with the device battery discharged.
01÷ 04	Open collector output for remote control	**S**	Open collector negative output absent in case of monitoring signal
⏚	Reference mass, negative power supply (all the masses are common)	**AS**	Connect a 24h tamper line from the control panel to these two terminals

2. INSTALLATION

To proceed with the correct installation of the transceiver on the wall, follow the instructions below:
- unscrew the four closing screws of the cover;
- open the pre-cuts of the cable passage according to your needs;
- fasten the plastic wall base through the holes present and using suitable plugs, be careful also to fix the anti-tear plate in order to guarantee its function;
- power supply the board
- if you decide to proceed with the basic programming, refer to the contents of the relative paragraph;
- if you decide to proceed with the extended programming, refer to the contents of the relative paragraph;
- make the appropriate electrical connections;
- close the cover after programming

3. PROGRAMMING AND BASIC MANAGEMENT WITHOUT SOFTWARE

NOTE:
Both programming procedures must be carried out with the cover open so as to open the tamper, otherwise it is not possible to modify or memorize new devices.
The default settings are shown on the software screen-shots.

3.1 DEVICES STORAGE

- This programming mode is useful for quickly storing radio devices without having the possibility to change their default detection parameters and without changing the default settings of the outputs for which the use of the software is required. Then follow the steps below:
- Open the device tamper to proceed with programming;
- press the multifunction button once and wait for the device monitoring status LED to start flashing;
- long press the multifunction button until you hear a long sound produced by the transceiver;
- entry into programming mode is indicated by the intermittence of the device tamper status LEDs and supervision status and the first free position among the eight available (32 if there are slave boards connected);
- store the device referring to what is reported in its manual;
- confirmation of successful storage will be indicated by the issuing of a long sound by the transciever and the automatic exit from the storage procedure;
- pto memorize other devices repeat the procedure;

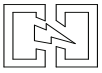
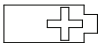
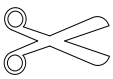
3.2 DEVICES ERASURE

To selectively delete the stored devices, press the multifunction button until the sabotage signaling LED lights up. At this point, keep the button pressed until the device status LEDs light up: only those relating to the positions occupied will light up; if any expansions 9589-GOLD-TXRX-S are connected, they will also light up on them in sequence. Again using the multifunction button, select the device to be deleted by pressing the button until the corresponding LED flashes; keep the button pressed until the buzzer of the card emits a short sound confirming the cancellation. To exit the erasure procedure, press the button until you get to the last stored device (including the expansions) and the total shutdown of all the LEDs on the card.

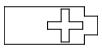
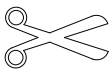
3.3 DEVICES STATUS DISPLAY

During normal operation of the transceiver, various information is displayed on the LEDs as shown in the “devices status display” table. To obtain more detailed information, it is possible to enter the different menus by pressing the Multifunction button for the number of times shown in the detailed device status display table

Table 4 - Devices status display

LED	Description	Slow flashing	Fast flashing	Staeady ON
1 2 3 4 ○○○○	Device status LEDs	Sleeping device	Device alarm memory	Alarm
	Devices supervision status signaling LED	n. a.	n. a.	At least one device in monitoring alarm
	Device status and fault LED	n. a.	n. a.	At least one device with low battery
	Device sabotage and masking signalling LED	n. a.	n. a.	At least one device in sabotage or masking

NOTE:
- refer to the next section where the extended programming is illustrated to know in detail the parameters that are set by default;
- the alarm memories are automatically deleted after having carried out a complete visualization of all the three signaling LEDs either by pressing the multifunction button for a long time or by changing the status of the OFF terminal.

Table 5 - Detailed display of device status					
Selected menù	Descritpion	Actions on multifunction button	1 2 3 4 ○○○○ Device status LEDs		
			Slow flashing	Fast flashing	Steady ON
	Devices supervision status signaling LED	1	n. a.	n. a.	The device is in monitoring alarm
	Battery status and device failure LED	2	Device failure (Refer to the siren manual in use to identify possible faults)	Wireless device low battery signal	n. a.
	Device sabotage and masking signaling LED	3	Wireless device masking alarm	Radio device sabotage signal	n. a.

4. PROGRAMMING AND EXTENDED MANAGEMENT VIA SOFTWARE

This programming and management mode allows you to program and modify the default parameters of devices and outputs. Then follow the steps below.

4.1 CONNECTION TO THE WI-FI HOT SPOT OF THE DEVICE

Before using the software, you must connect to the Wi-Fi hot spot. Power up the card, open the Wi-Fi network settings of your computer, search for the “Dongle-WiFi-xxxxxx” network and enter the default password “password” which cannot be changed.

NOTE:

- keep in mind that the device hot-spot will be visible only for three minutes from the power on and once connected to the computer it will remain active for the entire time of the connection;
- pressing the B button on the card, the Wi-Fi module resets and becomes visible, if pressed for 5 times the Wi-Fi module is initialized.

4.2 SOFTWARE INSTALLATION

- Open the device tamper to proceed with programming;
- make sure that the latest version of jvm (java virtual machine) is present on your computer, otherwise download the latest version from the site https://www.java.com;
- download the latest version of the GOLDTXRX-Soft program from the LINCE website after logging in;
- If you do not have an internet connection, you can take the software from the pendrive present in the product packaging;
- open the GOLDTXRX-Soft folder and inside it, click on the GOLDTXRX-Soft.jar file;
- enter the default password “**lince**” which can be changed later.

Fig. 3

4.3 FIRST CONNECTION

Before proceed with the use of the software, select “GOLDTXRX-Soft”. → “lingua” and select “ENglish”. After this, click on the menu bar under “TX-RX” → “connect” to connect the software to the transceiver and allow the download of the currently existing configuration.

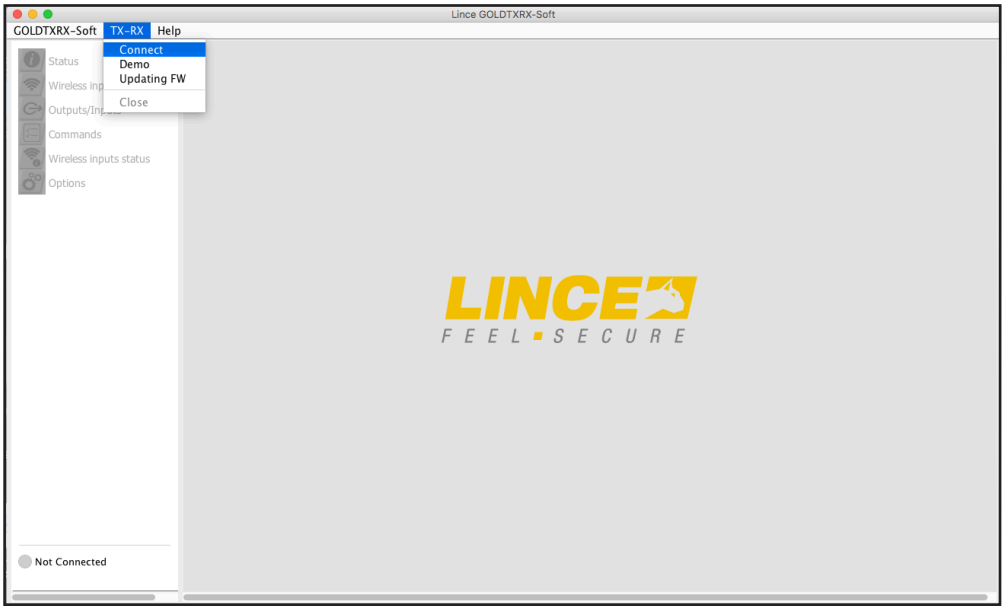


Fig. 4

4.4 STATUS

The “Status” screen offers an overview of the status of the devices and outputs of the control panel and the presence of expansion modules.

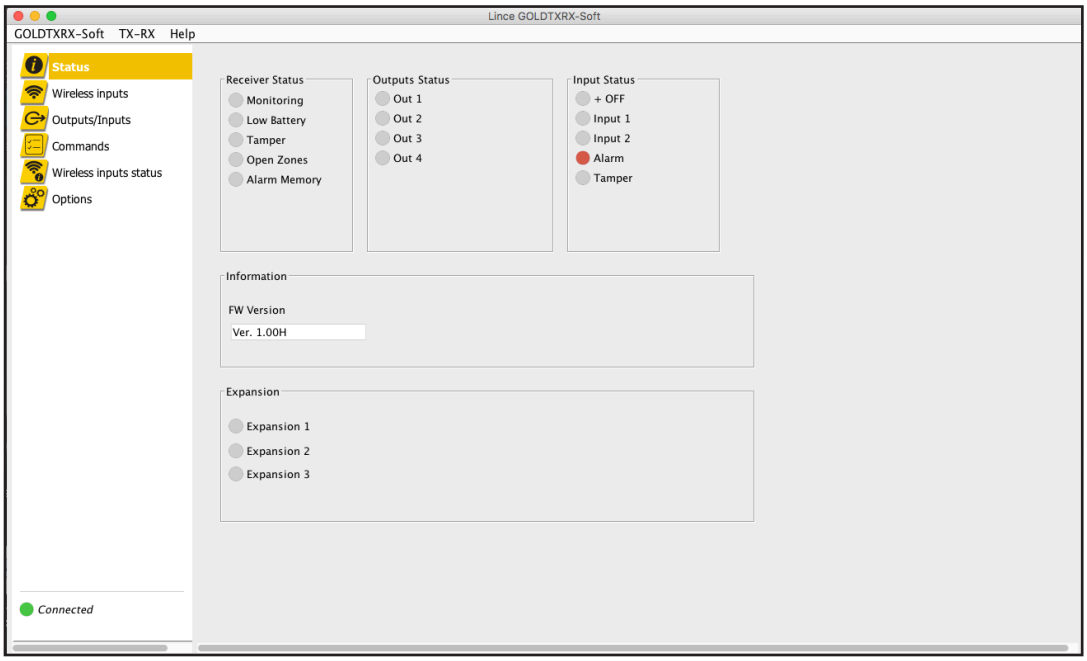


Fig. 6

4.5 WIRELESS DEVICES STORAGE

To store GOLD 869 devices, go to the “Commands” item and click on the “Add New Wireless Device” item. When prompted by the software, proceed with storage the device according to the instructions in the relative manual.

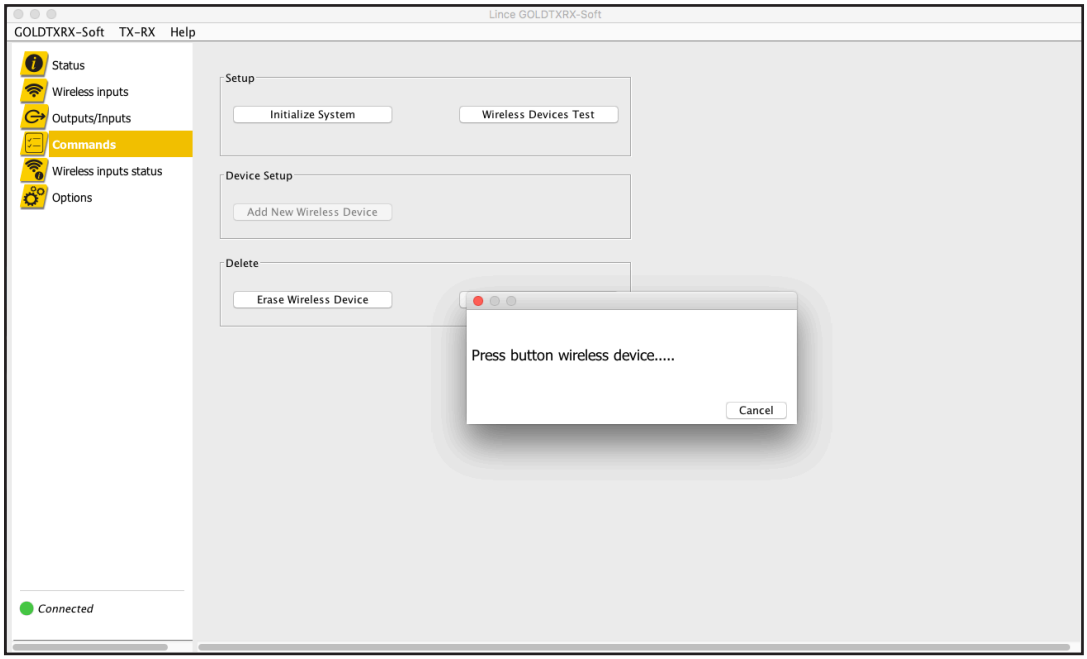


Fig. 5

After setting the operating parameters of the radio device, always press “Apply” to send the parameters to the device.
After each storage, the software proposes the “Commands” screen, press “Add New Wireless Device” again to memorize another device.

4.5.1 Indoor dual technology detector storage

The dual technology indoor detector screen (volumetric, curtain, ceiling, etc.) allows you to set the sensitivity of the microwave, the PIR, the anti-masking and the operating logic.

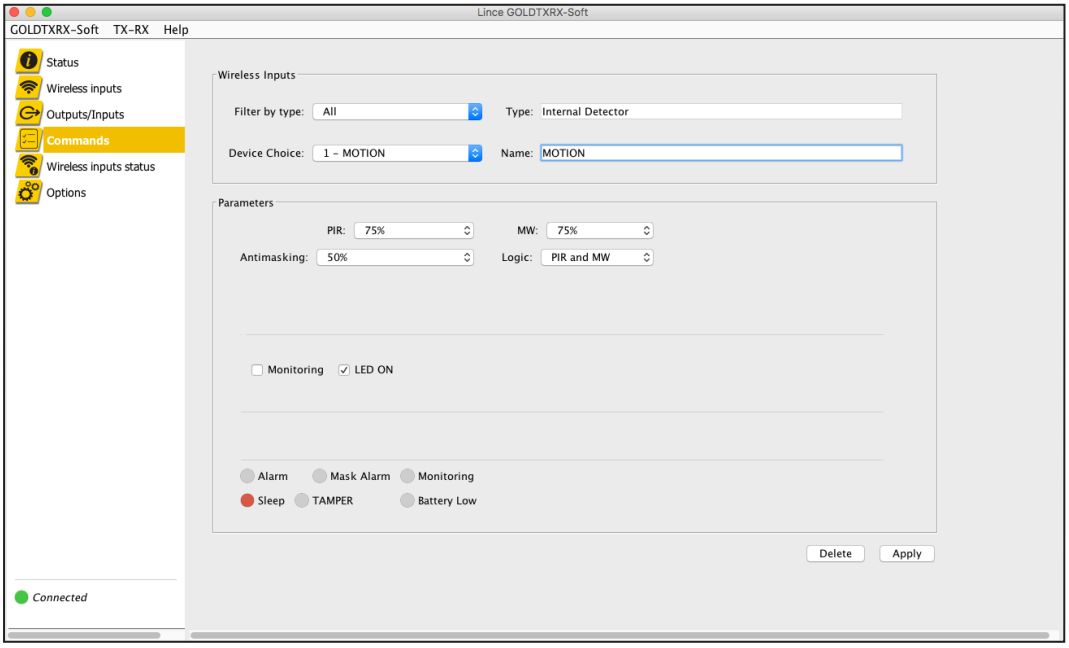


Fig. 7

Table 6 - Dual technology detector options	
Option	Description
Monitoring	Enables the device to send monitoring signals
LED ON	When the device is in alarm and battery powered, the LED lights up for 6 seconds. If the WIN is present, the LED lights up every time it detects..

4.5.2 Storage of dual technology detector BABY

The BABY triple technology detector screen allows you to set the sensitivity of the microwave, the PIRs, the anti-masking, the operating logic and the direction of crossing (CWS).

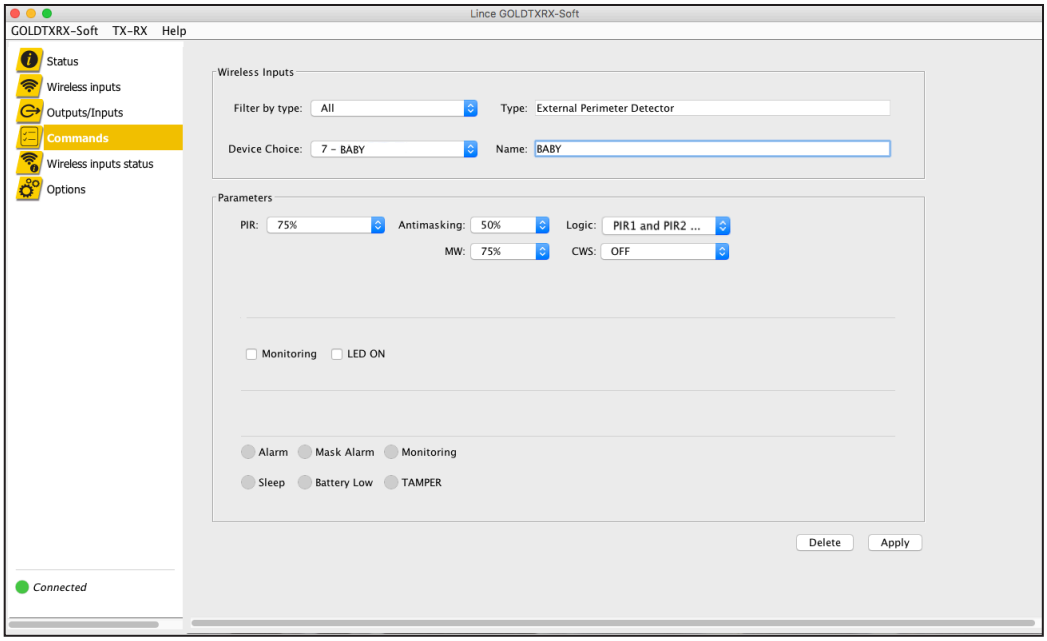


Fig. 8

Table 7 - Dual technology detector options	
Option	Description
Monitoring	Enables the device to send monitoring signals
LED ON	When the device is in alarm and battery powered, the LED lights up for 6 seconds. If the WIN is present, the LED lights up every time it detects..

4.5.3 Triple BOBBY technology detector storage

The triple BOBBY technology detector screen allows you to set the sensitivity of the microwave, the PIRs independently, the masking and the operating logic.

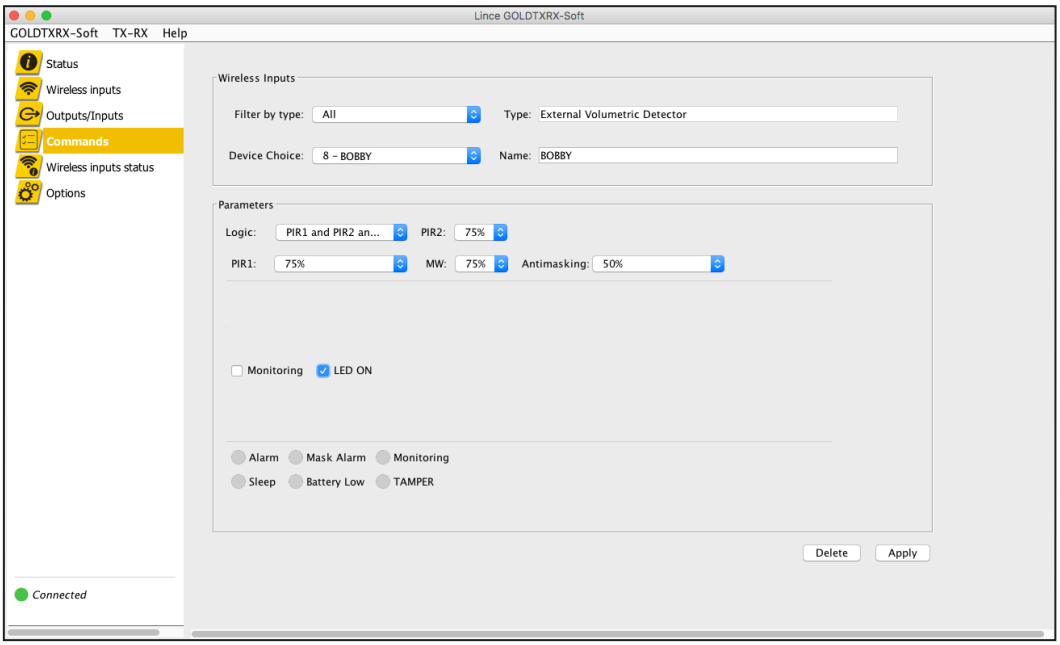


Fig. 9

Table 8 - Triple technology detector options	
Option	Description
Monitoring	Enables the device to send monitoring signals
LED ON	When the device is in alarm and battery powered, the LED lights up for 6 seconds. If the WIN is present, the LED lights up every time it detects..

4.5.4 Shutter contact storage

The shutter contact screen allows you to set the number of impulses after which the alarm signal must be triggered on the AUX input. From the “AUX” drop-down menu, select a value including 2, 4, or 8 impulses.

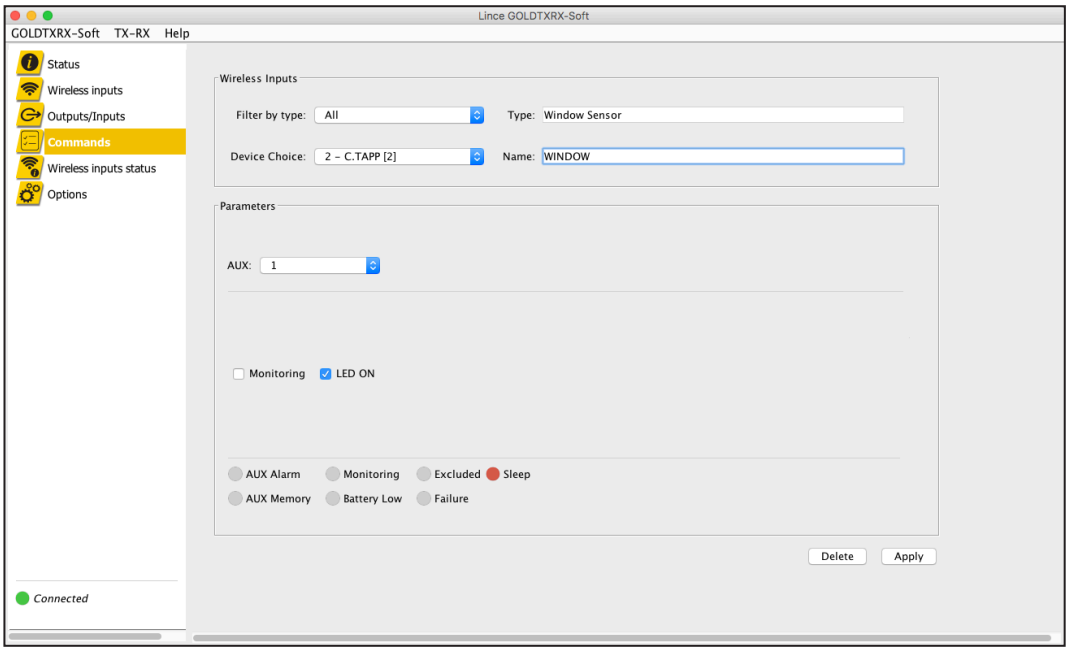


Fig. 10

Table 9 - Shutter contact options	
Option	Description
Monitoring	Enables the device to send monitoring signals
LED ON	When the device is in alarm and battery powered, the LED lights up for 6 seconds.

4.5.5 Magnetic contact storage

The magnetic contact screen allows you to activate or not the magnetic reed (active by default), activate the external contact “AUX” (deactivated by default), and various attributes whose details are shown in the following table.
To set the number of impulses after which the alarm signal must be triggered on the auxiliary input, from the drop-down menu “AUX” select a value between NC (normally closed), 2, 4, or 8 impulses for roller shutter or inertial type contacts.

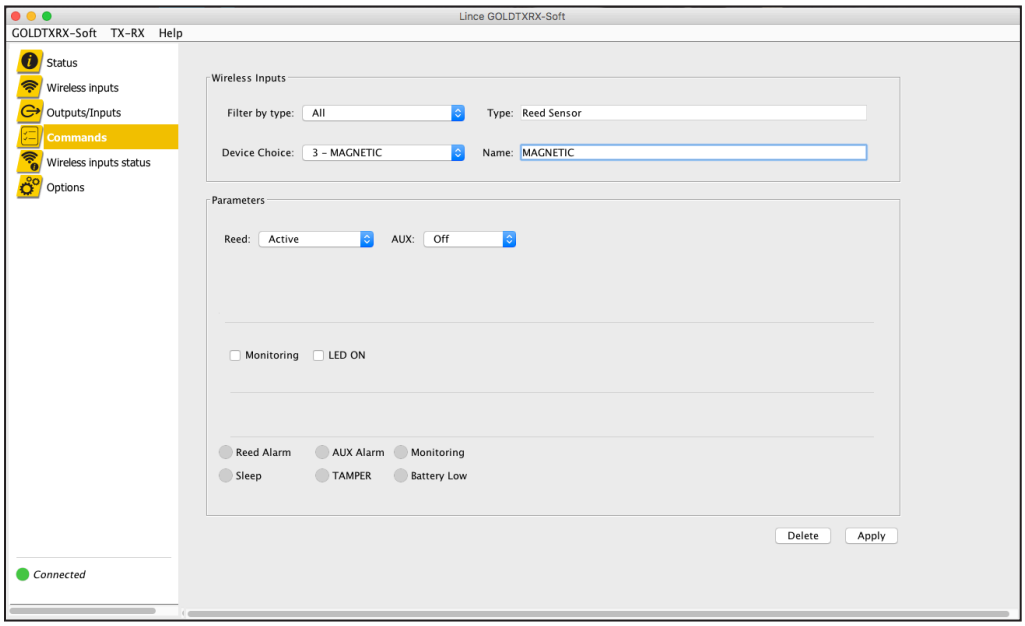


Fig. 11

Table 10 - Magnetic contat options	
Option	Description
Monitoring	Enables the device to send monitoring signals
LED ON	When the device is in alarm and battery powered, the LED lights up for 6 seconds.

4.5.6 Wireless remote control storage

The memorization screen of the radio control allows you to memorize it and change its name. The output (1-32) on which the radio control is stored must not be connected to the control unit.

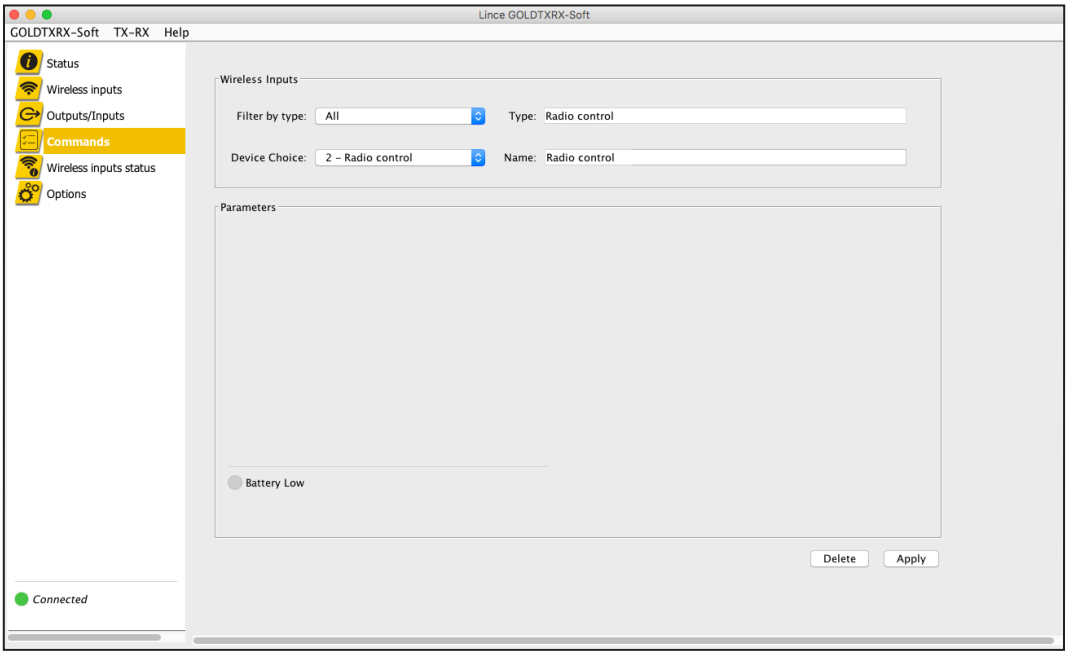


Fig. 12

The choice of the combination of outputs (O1-O4) takes place through the first button of theremote control (high) and sending it with the second (low) referring to the following table of combination between the LEDs and the outputs.

Table 11 - Remote control options	
LED	Output
Red	Output 1
Yellow	Output 2
Green	Output 3
Yellow	Output 4 is enabled with a single press of button 2 on the remote control

NOTE:
All remote controls have the same privileges, therefore it is not possible to differentiate them and they do not manage the display and interrogation of the system status.

4.5.7 Siren storage

The siren screen allows you to set the siren volume by choosing a value between 25% and 100% in 5% steps from the relative drop-down menu. In addition to this, you can set the type of sound, whether type A or type B (default), and the other attributes shown in the table below. The output (1-32) on which the siren is stored must not be connected to the control panel.

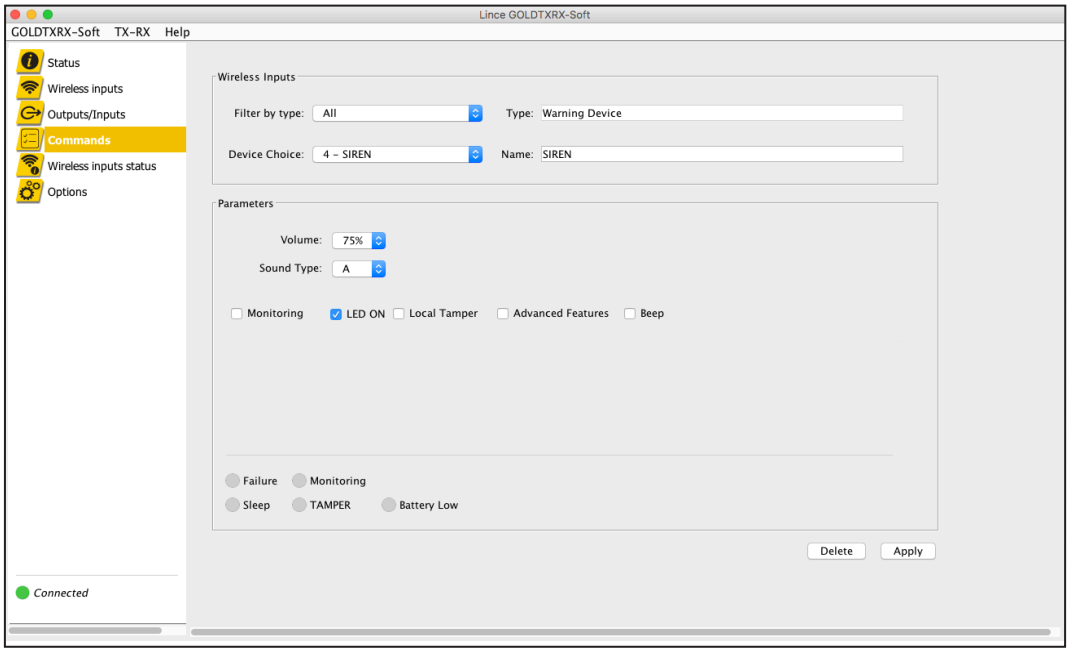


Fig. 13

Table 12 - Siren options	
Option	Description
Monitoring	Enables the device to send monitoring signals
LED ON	When the device is in alarm and battery powered, the LED lights up for 6 seconds. See product manual for details about the functioning if WIN is connected
Local tamper	If open, the siren sounds regardless of communication with the transceiver
Advanced functions	If available on the model in possession, it allows you to enable the antifoam, the anti-flame and the anti-approach systems
Beep	If enabled, a short sound is emitted by the siren at every arming and disarming

4.5.8 Wireless output storage

The “Wireless Output” section allows you to configure the duration of the switching and the association with one or both of the wired inputs (default input 1), the stand-by status of the output and the other parameters are shown in the following table.

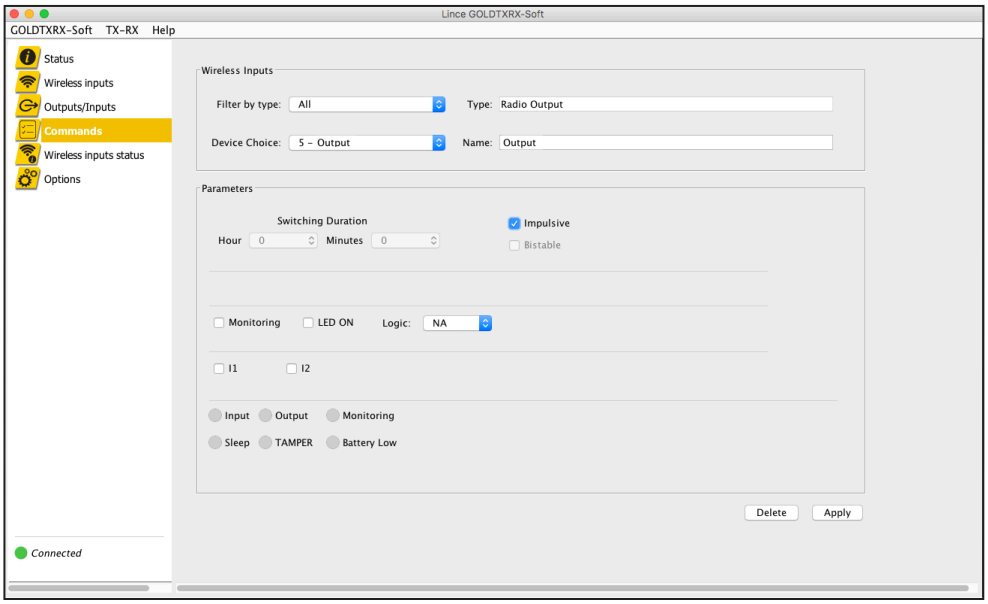


Fig. 14

The relay operating logic can be set as normally open NO or normally closed NC (default). The duration of the changeover can be impulsive (3 s) or it is possible to set the duration by pressing “Apply” after entering the desired value. By default it is set as a step - by - step.

Table 13 - Wireless output options

Option	Description
Monitoring	Enables the device to send monitoring signals
LED ON	When the device is in alarm and battery powered, the LED lights up for 6 seconds.
I1 - I2	Select which input the output is associated

4.5.9 Wireless smoke and flooding detectors storage

If a smoke or flood sensor is being stored, it will be possible to configure the presence or absence of monitoring and the switching on of the LED on the board in case of detection.

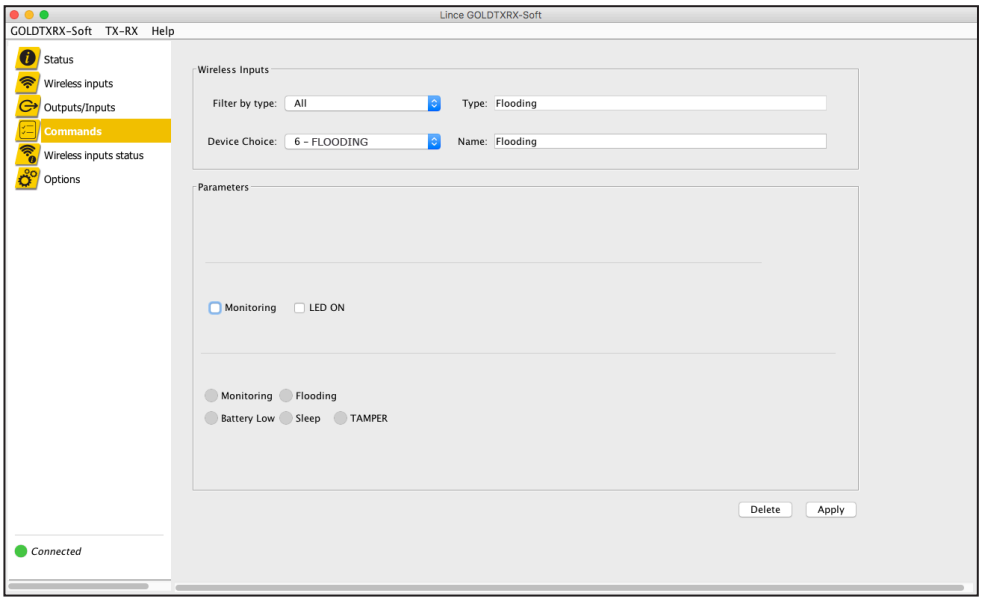


Fig. 15

Table 14 - Flooding and smoke detectors options

Option	Description
Monitoring	Enables the device to send monitoring signals
LED ON	When the device is in alarm and battery powered, the LED lights up for 6 seconds.

4.6 WIRELESS INPUT MANAGEMENT

All the screens and functions useful for managing wireless devices such as deleting, viewing and changing parameters are reported.

4.6.1 Variation of wireless device parameters and selective erasure

To change the parameters of the stored radio devices, go to “Wireless Inputs” and from the drop-down menu “device choice” select the name of the device on which you want to operate. At the end of the operation, press “Apply”.

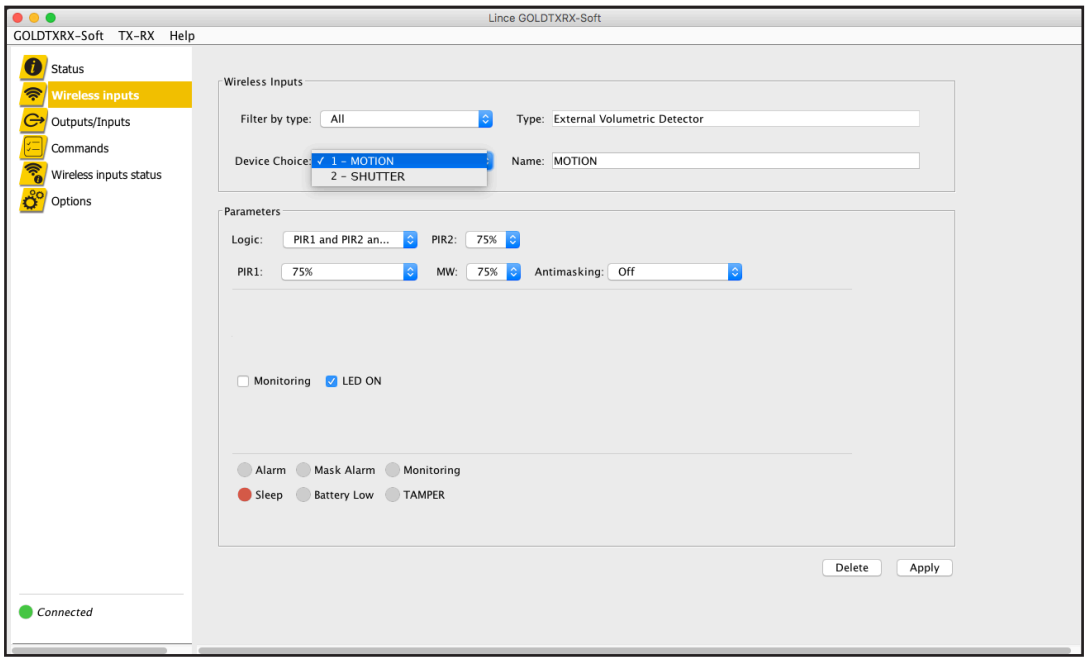


Fig. 17

To delete the single device, always select it from the drop-down menu and press the “Delete” button, confirming when requested.

4.6.2 Wireless device total erasure

To delete the radio devices go to “Commands” and click on “Erase Wireless Device” and confirm when requested.

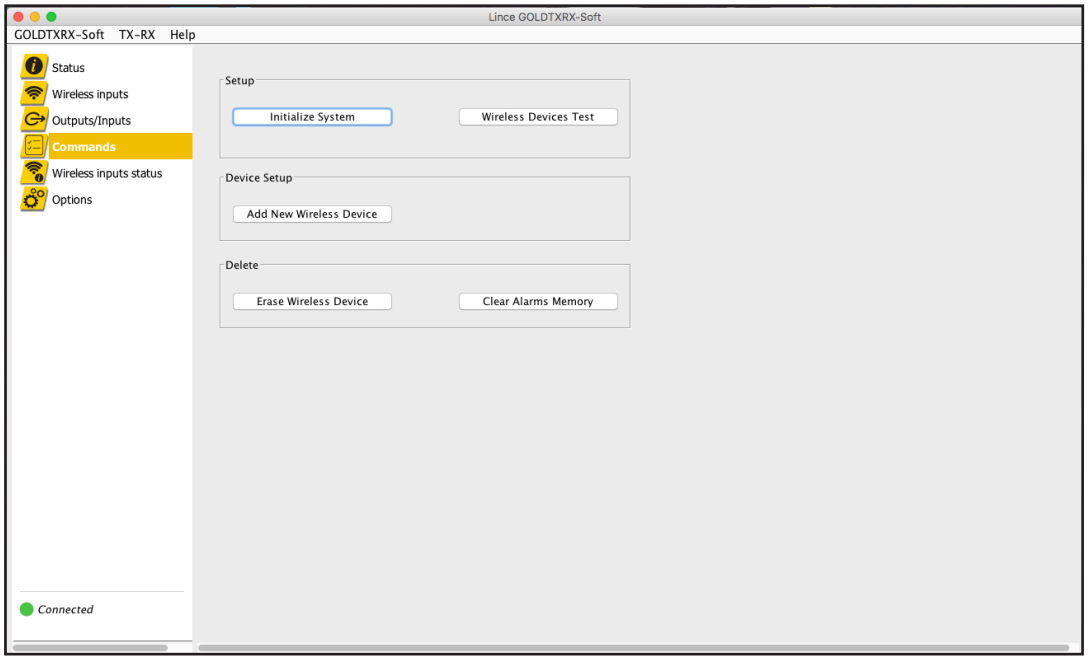


Fig. 16

4.6.3 Clear alarms memory

To clear the alarm memories go to “Commands” and click on “Clear alarms memory” and confirm when requested.

4.6.4 Wireless inputs status

The “wireless inputs status” screen allows you to view the alarm signals and the general status of the stored devices. Refer to the contents of the “legend” to find out what type of information can be displayed. From the “Group Choice” drop-down menu it is possible to choose which group of devices to display: from 1 to 16 and from 17 to 32. By double clicking on a stored device it is possible to receive information such as the signal level of the device, the FW version and the transmission frequency.

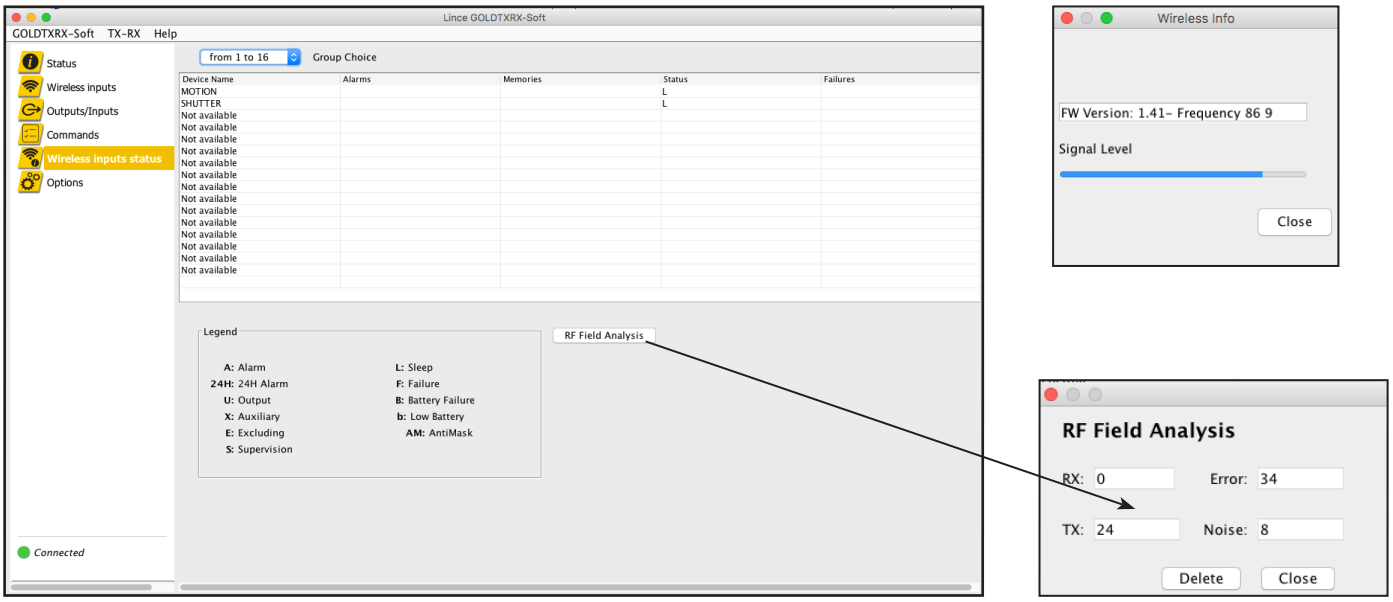


Fig. 18

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

NOTE:
In some cases, due to the speed of opening and closing of the detector, in particular with those of movement, it may happen that the opening of the area is not visible in real time; however, the signaling remains in the memories.

4.6.5 Wireless device test

The “Wireless Device Test” section sends all the radio devices present for 4 minutes in test mode. Press the “Test Radio” button and open an area of the device for which you want to receive information. These last are shown, as in the example below, in a screen that can be exported to a text file using the appropriate “export” button.

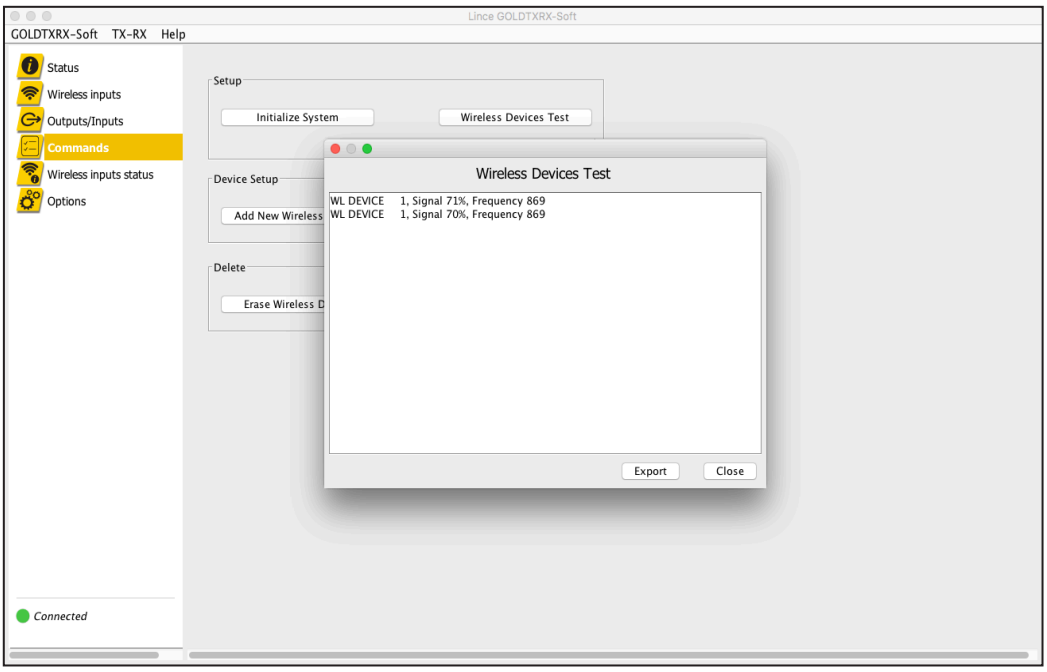


Fig. 19

4.6.6 “Sleep” function

When the devices do not detect the presence of the transceiver, after a few minutes they enter a low consumption dormant state (in which they do not transmit and do not detect). Once the devices have entered this mode after one hour, they reactivate for a minute checking the presence of the transceiver’s frame and, if not present, return to a dormant state until the next hour. The devices will appear excluded in the “radio input status menu” with the letter “D” as an attribute.

4.7 OUTPUTS/INPUTS MANAGEMENT

The “Outputs / Inputs” section allows you to change the default settings of the outputs that can be controlled via remote control and the polarity of the inputs on the board. The default settings are shown on the screen. After changing the settings, press “Apply” to make them effective.

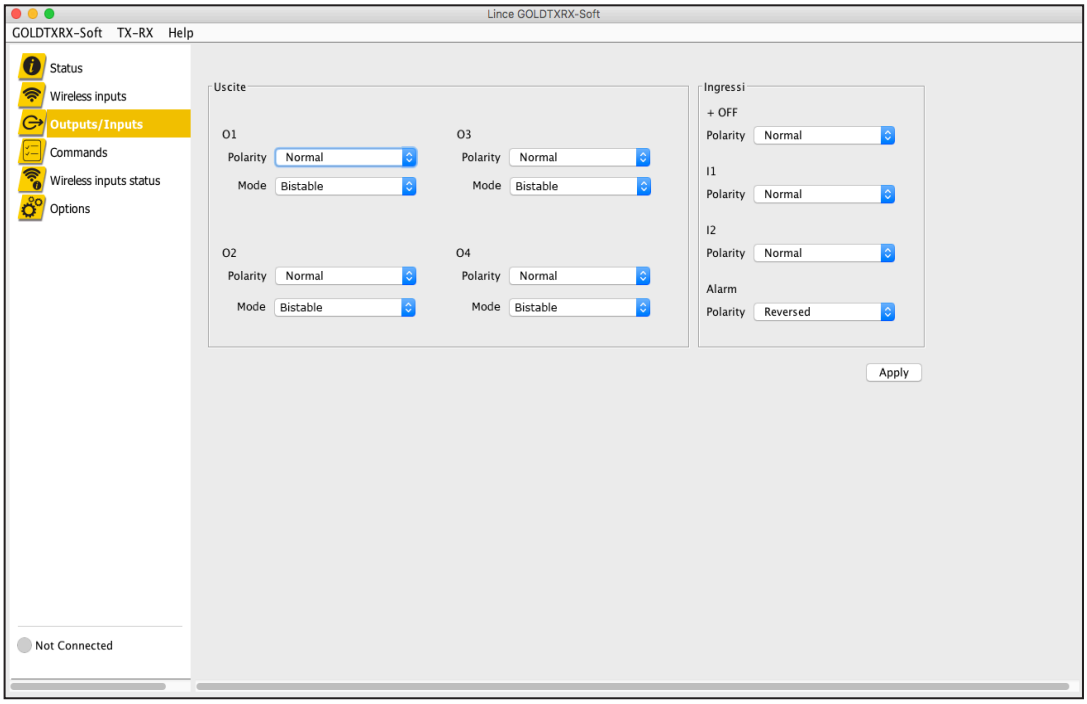


Fig. 20

4.8 OPTIONS MENU

The options menu allows you to change the number of non-monitoring cycles after which the transceiver opens the related open collector line (terminal S). The number of supervision cycles can be selected from 1 to 6.

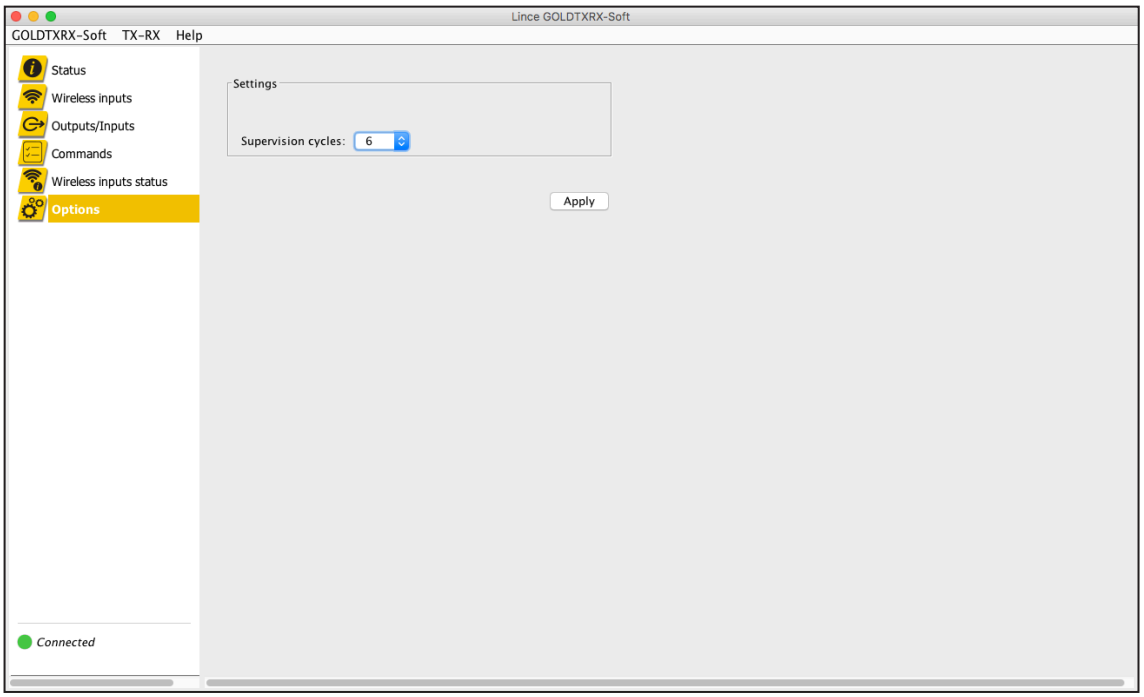


Fig. 21

5. MENÙ BAR

5.1 GOLDTXRX-SOFT MENU

The GOLDTXRX-Soft menu allows you to access various items such as: info, password change and language change. The “Info” menu allows you to view the software version and a direct link to the Lince Italia web page.

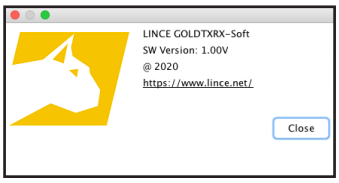


Fig. 22

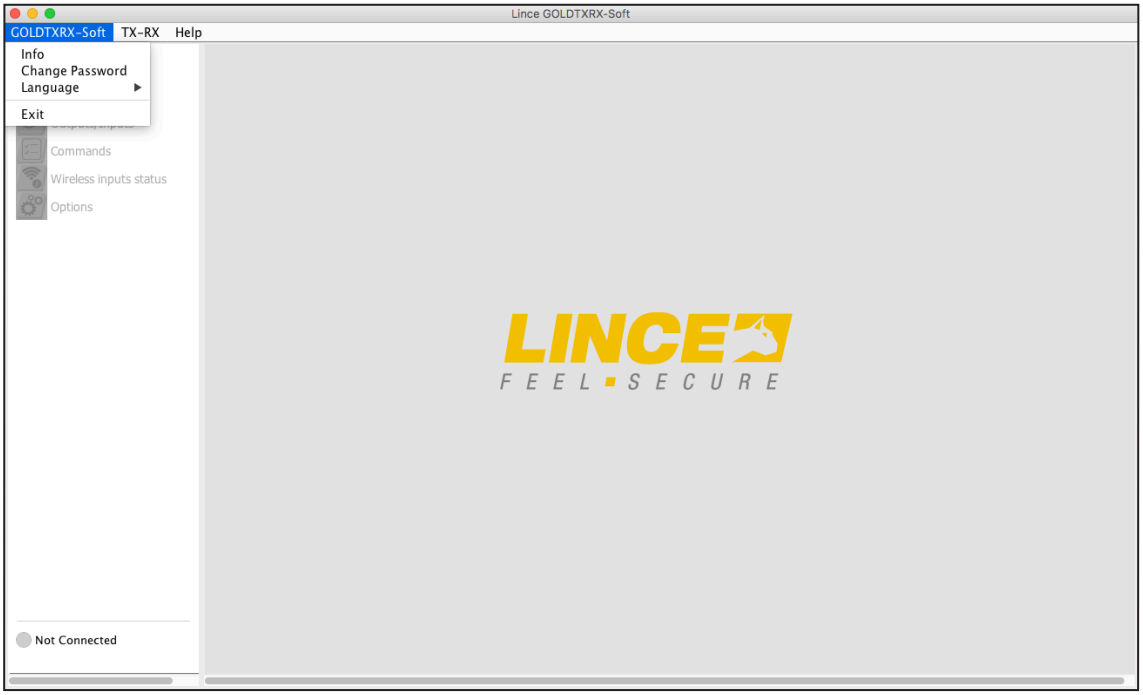


Fig. 24

5.2 TX-RX MENÙ

By pressing on the “Connect” item of the “TX-RX” menu, you can connect to the receiver as already illustrated at the beginning of this manual, the “Demo” item allows you to view only the off-line operation of the software without connecting to the device.

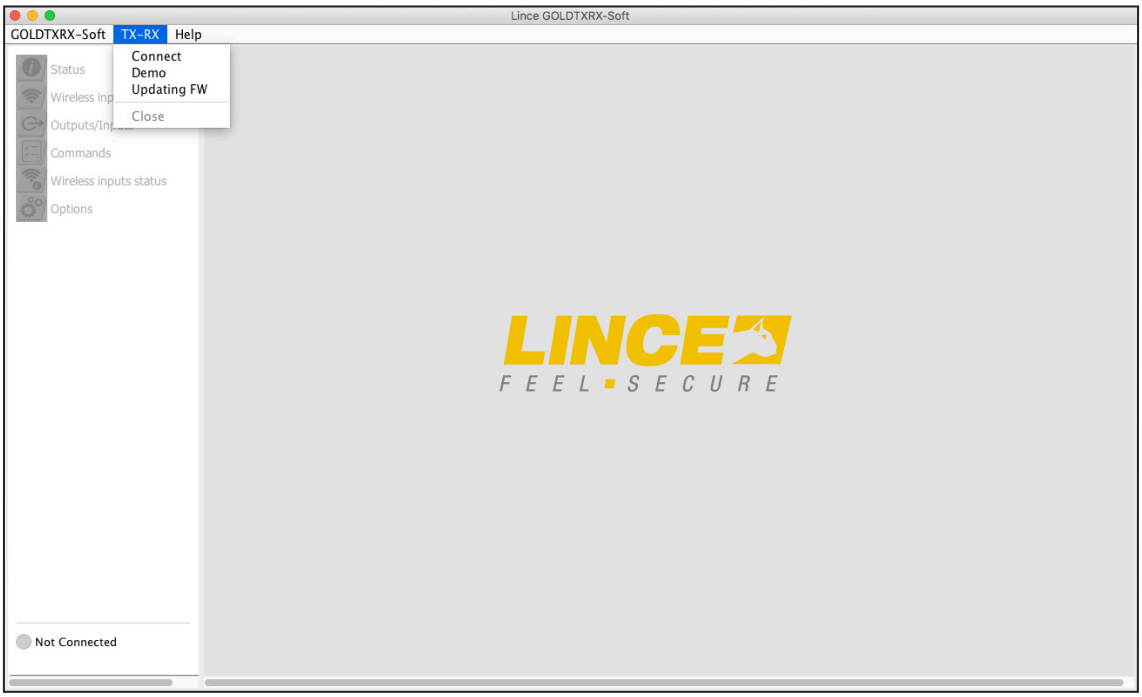


Fig. 23

5.2.1 Firmware update

The item “Updating FW” allows you to update the firmware of the transceiver. Click on the item and select the file you just downloaded from the www.lince.net site

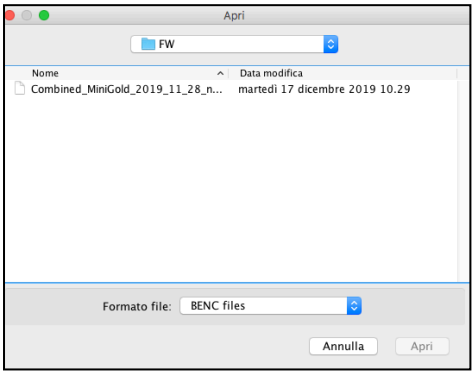


Fig. 25

Confirm the next two alert messages and wait for the transceiver to restart.

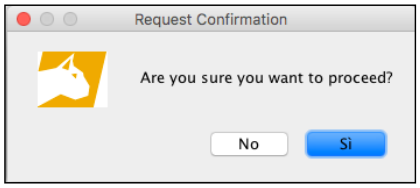


Fig. 26

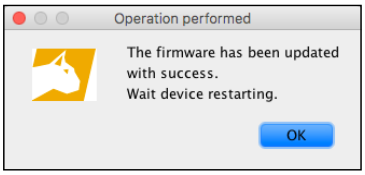


Fig. 27

5.3 HELP MENU

IThe “Help” menu allows you to view an electronic version of this manual.

6. CONNECTION EXAMPLES

The diagram shown represents a typical connection to a generic wired control panel of any other manufacturer. In particular, three wired inputs, the sabotage line and the 4 outputs of the remote control were connected by way of example. In particular, the last ones have been connected to as many external inputs for program switching: the first three have been connected for the switching of single programs, while the fourth can be used for total amrming.

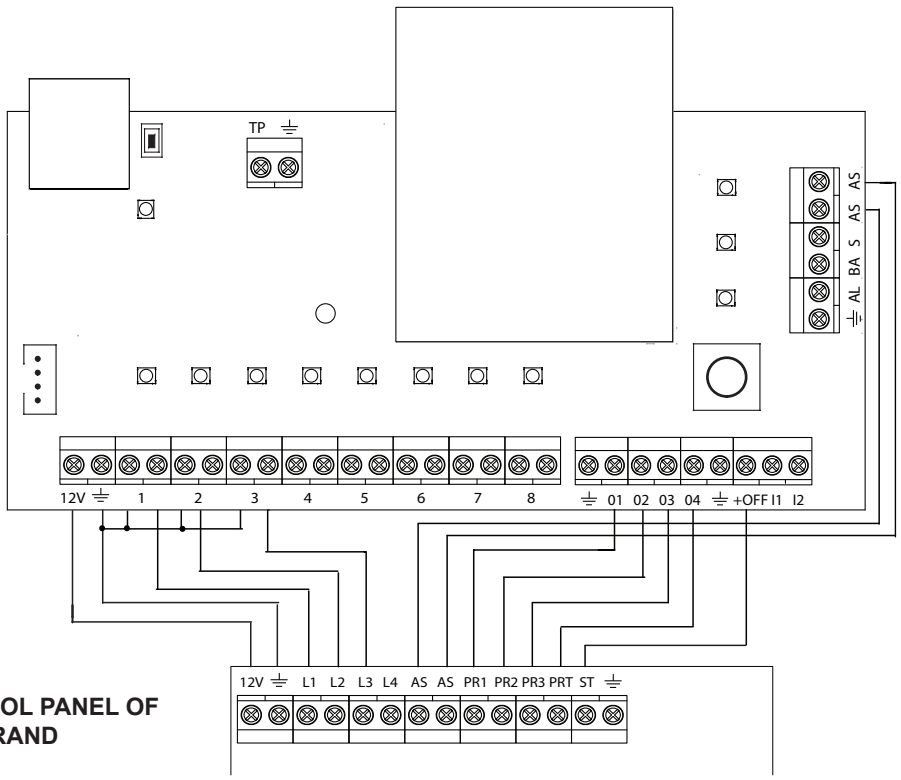


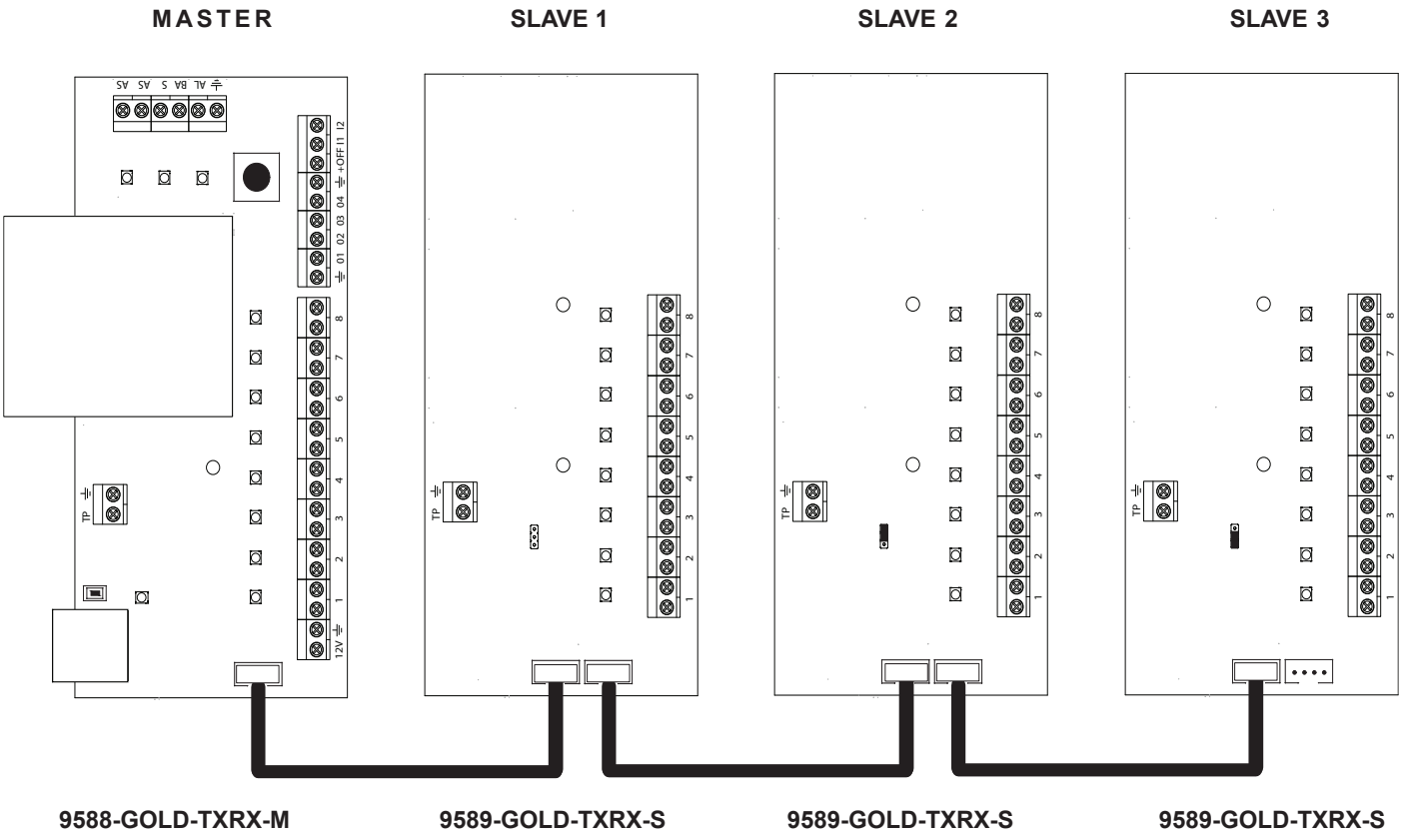
Fig. 28

NOTE
if you do not have a system status input to connect the OFF terminal to, the devices will always be active so the batteries will consequently have less autonomy

The terminals of the control panel to which the board is connected are shown in the following table

Table 14 - Example terminal block description			
TERMINAL BLOCK	**DESCRIPTION**	**TERMINAL BLOCK**	**DESCRIPTION**
12 V	Power supply	**PR1 ÷ PR3**	Arming commands 1 to 3
⏚	Reference mass	**PRT**	Total program arming command
1÷ 4	Wired inputs	**ST**	System status
AS - AS	Tamper line	⏚	Reference mass

The following diagram shows an example of connection of the master board with three other slave boards using the cable supplied with the same slave boards.



When one or more slave boards are connected, it is necessary to set the correct address of the board simply by positioning the jumper on two different pins depending on the boards

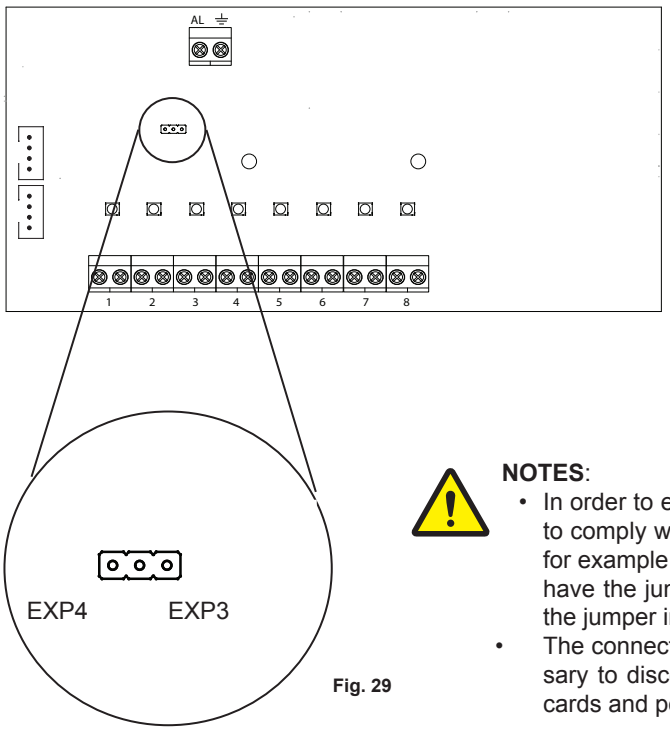


Fig. 29

In the case of the SLAVE1 board, simply remove the jumper.

In the case of the SLAVE2 board, the jumper must be connected to the EXP3 position.

In the case of the SLAVE3 card, the jumper must be connected to the EXP4 position.

NOTES:

- In order to ensure correct recognition of the sequence of inputs, it is necessary to comply with the above and in the order indicated. In the case of connection, for example of two expansions, the slave connected directly to the master must have the jumper disconnected, while the one connected to the first must have the jumper inserted in the “EXP3” position;
- The connections of the slave cards cannot be made “hot”, therefore it is necessary to disconnect the power supply from the master card, connect the slave cards and power the master card again.

7. COMPATIBLE OPERATING SYSTEMS

The operating systems compatible with the GOLDTXRX-Soft are:
- Windows starting from version 7;
- Mac OS starting from version 10.12;
- Linux Kernel starting from version 4.15.11 for X64 and from version 4.14.27 for ARM32 and ARM64.

8. 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 Transceiver 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

9. 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.

10. TRANSCEIVER CONFIGURATION

RF input	Description	RF input	Description	RF input	Description	RF input	Description
1		9		17		25	
2		10		18		26	
3		11		19		27	
4		12		20		28	
5		13		21		29	
6		14		22		30	
7		15		23		31	
8		16		24		32	

	WIRED OUTPUTS		WIRED INPUTS
N°	Name	N°	Name
01		I1	
02			
03		I2	
04			

INSTALLER INFO			
name and surname			
telephone number		mobile	
email			

NOTES

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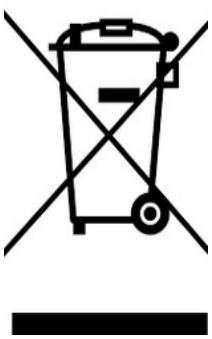

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