

Burglar-alarm unit

5739 34/35

Installation manual



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1 - Introduction

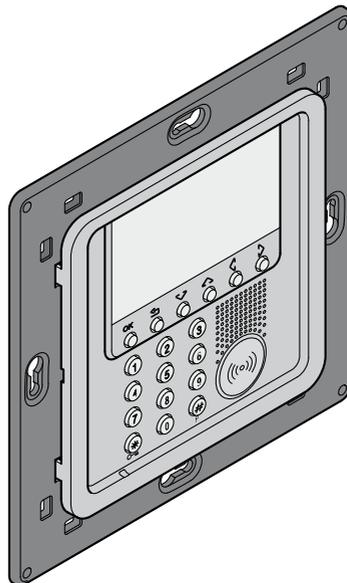
1.1 - Remarks and recommendaions

Before starting the installation, it is important to read this manual carefully since the guarantee may automatically expire due to negligence, wrong or improper use and tampering of circuit by unauthorized staff. Moreover, it expires when the damage is due to strong accidental overcurrents on the power supply mains or telephone line. Therefore, if the burglar-alarm unit is installed in a place that is subject to violent atmospheric discharges (storms), appropriate protections must be installed on the power supply line and telephone line by carrying out the grounding properly and complying with the CEI requirements.

1.2 - Contents of package

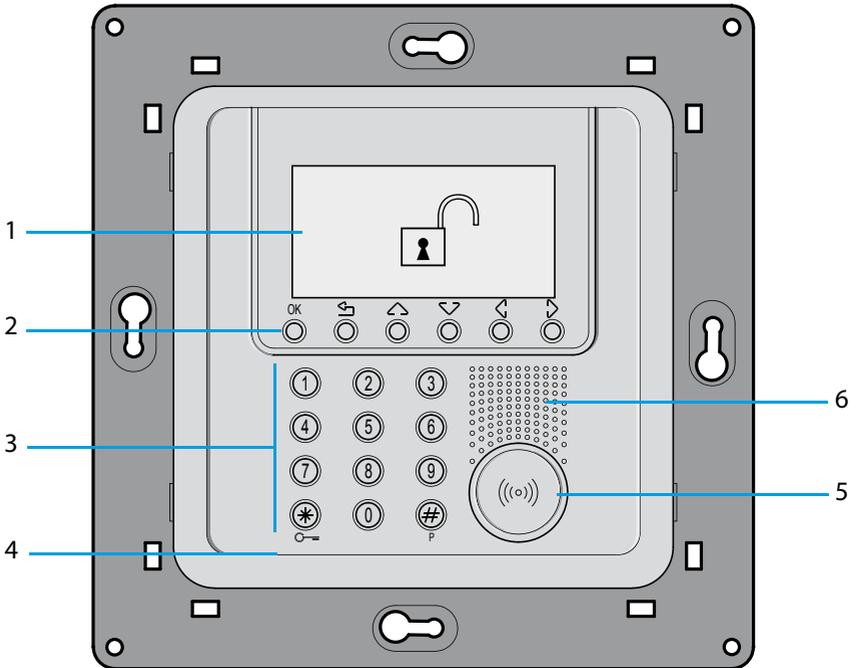
The Unit package contains:

- Burglar-alarm unit with dialling device 5739 34/35.
- Battery.
- Installation manual.
- User manual.
- CD-ROM containing SecurityConfig software and manuals in PDF format.



2 - Description of the Burglar-alarm unit

2.1 - Overview



- 1 Graphic display:** displays the messages that can control programming operations and events that have previously taken place (more information on the next page).
- 2 Navigation keypad:** lets you navigate through the menus and enables the confirmation or cancellation of programming operations.
- 3 Alphanumeric keypad:** allows manual entering of all programming operations that require the use of numbers and/or symbols.
- 4 Microphone:** used for recording the messages and for remote room monitoring by telephone.
- 5 Transponder reader:** receives the ON/OFF commands of the burglar-alarm system directly from the transponder keys.
- 6 Loudspeaker:** allows listening to the recorded messages and the scattering of room vocal messages by telephone.

2 - Description of the Burglar-alarm unit

2.2 - Navigation keys



OK - Key for entering the displayed selection or data.

↩ - Key for deleting the selection and for returning to the previous page – hold down to escape from the programming menus and to go back to the initial page.



Scroll keys allow you to scroll the list of items in the menus.



Selection keys allow you to select functions included in the menus.

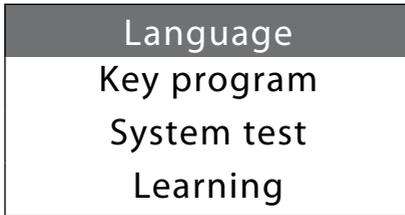
Language
Key program
System test
Learning

01: Entrance
02: Perimeter
03: Night
Exclude

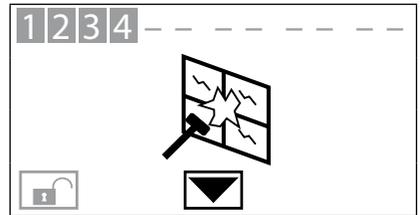
2 - Description of the Burglar-alarm unit

2.3 - Display

First start



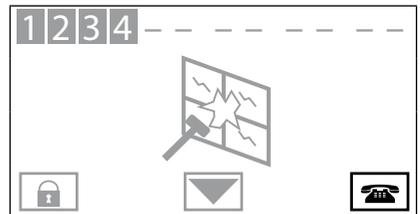
Burglar alarm / 24 hours



System OFF



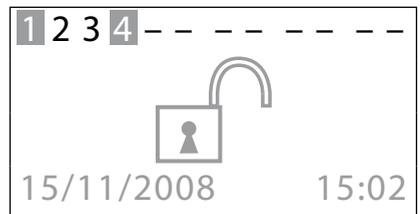
Telephone call in progress on the PSTN channel



System ON



Zones 2 and 3 disabled

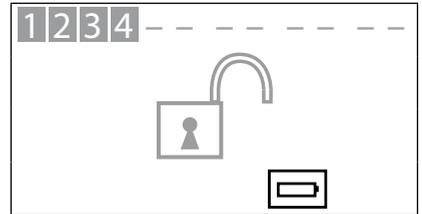


2 - Description of the Burglar-alarm unit

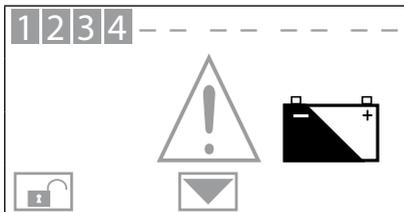
Division scenario



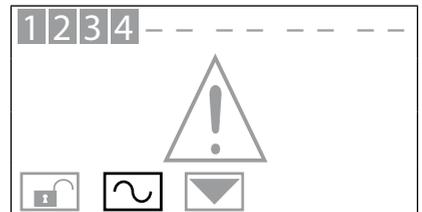
Unit battery dead or damaged



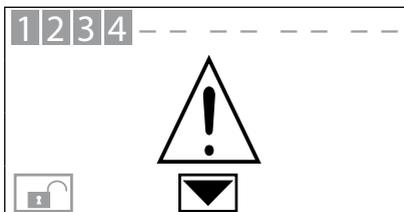
System battery dead



Power line voltage failure



General alarm*



System test

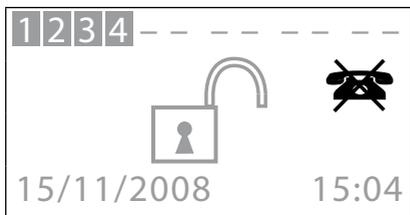


* General alarm, indicates a technical alarm, a signal of a non-system battery (or radio device) fault or a tamptest signal with the system switched OFF.

2 - Description of the Burglar-alarm unit

 Telephone calls disabled

 Sensor disabled



Important Unit functions are disabled; disable only if extremely necessary.

2 - Description of the Burglar-alarm unit

2.4 - Main functions

General features

- Burglar-alarm unit with integrated telephone dialling device.
- Self-learning of the system and configuration display.
- Controllable from transponder and keypad.
- Independent management of each sensor.
- Programmable from PC.
- Detailed history of events and alarm history.
- Editing of alarm messages.
- Telephone index book for alarm forwarding.
- Connection with surveillance control units with remote assistance function.
- Block for 1 minute of the possibility of switching ON/ OFF or access to the navigation menu, if there is an key error three times in succession (from keypad or transponder).
- Combination of any scenario, zone and sensor name.
- Each individual sensor can be deactivated by sending a command from the control unit keypad.
- Can send a test call, with programmable timing, to portal or surveillance Control unit.
- Signal of no interconnection with: sensors with system switched OFF a signal icon is displayed, with system switched ON an alarm is generated.
- Division of zones directly from the Control unit keypad.

Burglar-alarm system unit:

The Unit manages a total of 10 zones:

- Zone 0 is reserved for the connectors (max. 9);
- Zones 1 – 8 are reserved for the sensors;
- Zone 9 is reserved for the technical/auxiliary alarms (gas detector, etc.).

It performs the following functions:

- Management of the events communicated by the sensors, including the possibility to determine if and when the alarm will go on.
- Zones 1 – 8 can be divided according to the user's needs.
- Can create up to 16 division scenarios and activate them as required
- A set division can be linked to each key; also use of the key can be limited to set days of the week and with a precise time range.

2 - Description of the Burglar-alarm unit

- Lets the user carry out any automation in case of an event recorded by the burglar-alarm system (e.g. turning the lights ON in a tampering alarm zone).
- All editing steps are guided and shown through the display.

Telephone dialling device

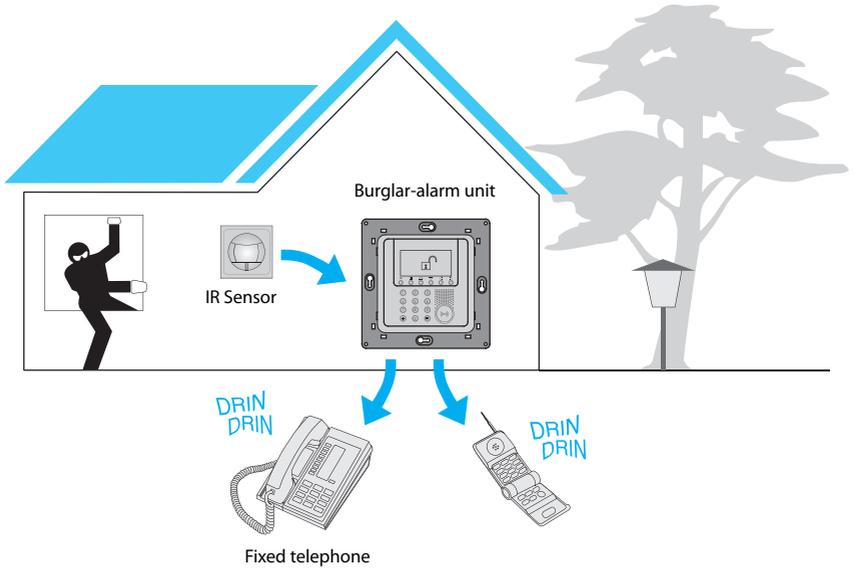
Provides bi-directional communication between the user and the home automation In One by Legrand®:

- In case of alarm detected by the burglar alarm, it will automatically dial the telephone numbers previously programmed by the user and will notify the type of event occurred through a vocal message.
- It can be called by the user who can send commands to the automation system and burglar-alarm system through predefined codes.
- It allows you to know - by telephone - the status of the burglar-alarm and automation system.
- It lets you connect the portal and makes available the web service, for example the remote assistance service as well as the possibility to download the history of events.
- It allows automatically sending the alarm and event signals to surveillance control units which use the Contact ID protocol and requesting and setting its parameters.

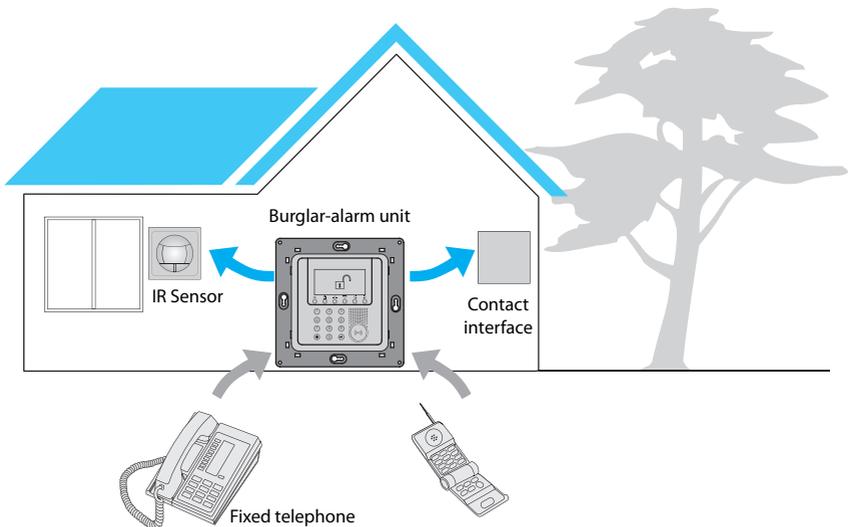
2 - Description of the Burglar-alarm unit

2.5 - Example on how to use the burglar-alarm unit

Example 1: intrusion alarm

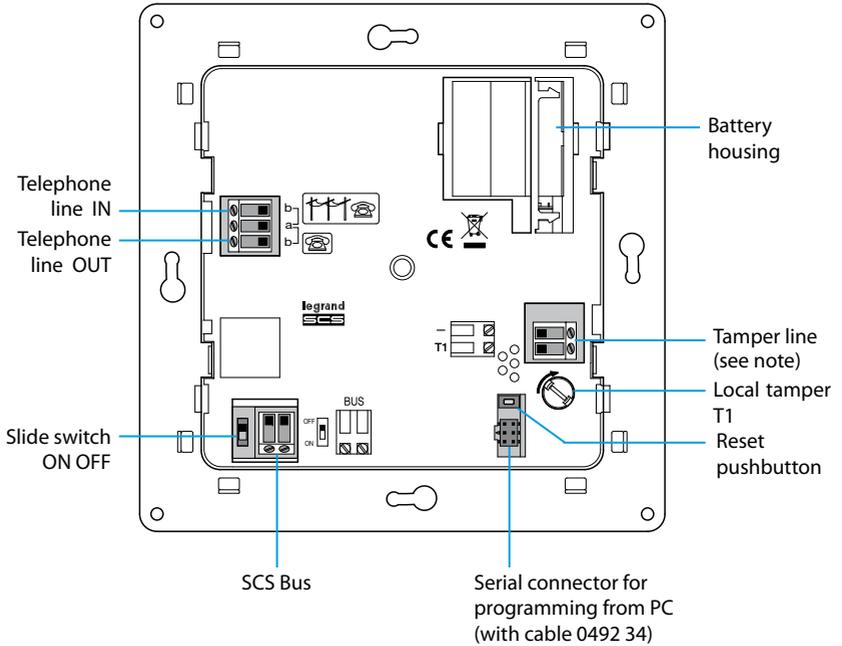


Example 2: enabling/disabling the burglar alarm upon user's request



3 - Installation

3.1 - Back view of unit

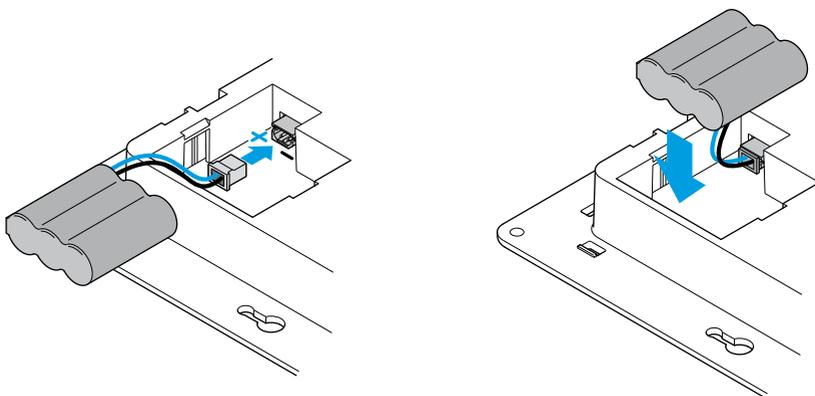


NOTE: The Unit is supplied with tamper line terminals (- / T1) circuited for using the local tamper T1 (wall-mounting installation with metal base).

3 - Installation

3.2 - Connecting the battery

Connect the battery to its connector, minding the polarities shown inside the housing. Before connecting, make sure the slide switch is in OFF position.

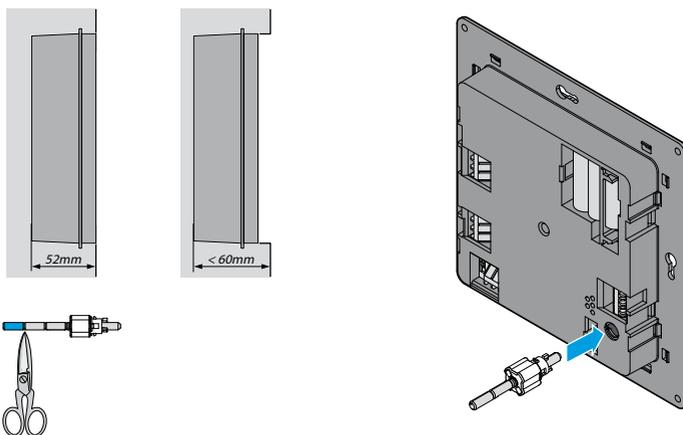


3.3 - Tamper device

The Control unit should be protected against attempts at tampering by installing device item 6831 64 on the back.

To mount the tamper device remove the protection plug from the Control unit turning it by 90°. If the flush-mounted box is flush fitted in the wall, before inserting the rod in the housing, cut it at the first notch as shown in the figure.

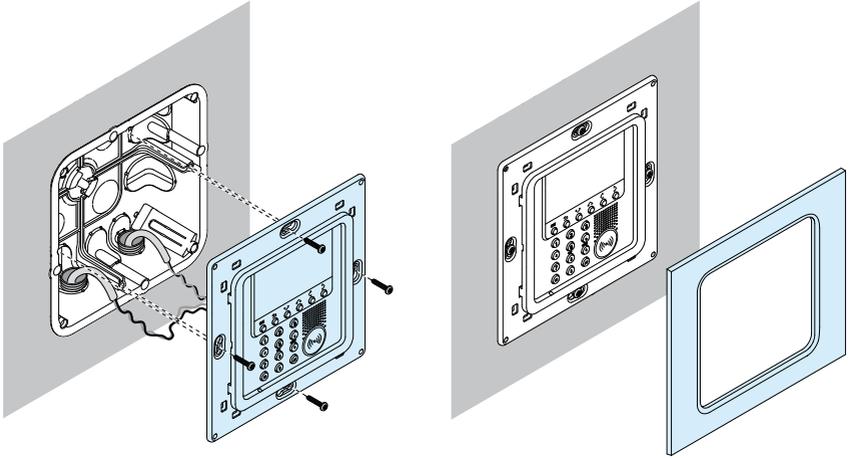
Insert the rod, lock it by turning it by 90° and extract it completely.



3 - Installation

3.4 - Installing the unit

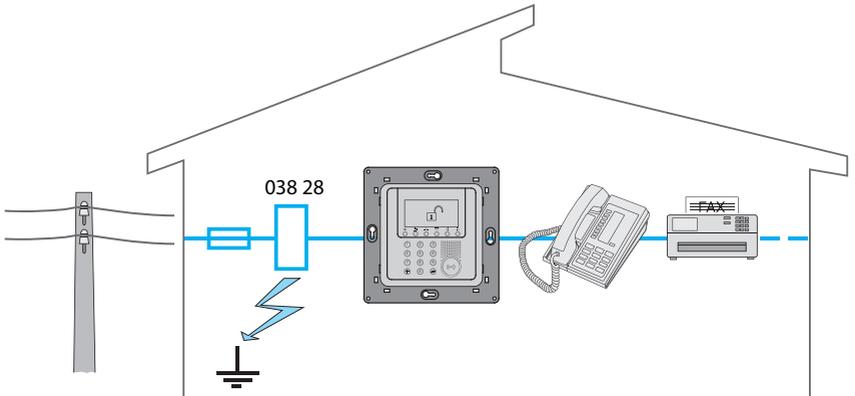
After making all connections, fasten the Unit to the base. Be careful not to damage the wires.



3.5 - Connecting the telephone line

The burglar-alarm unit must be the first component of the internal telephone system: it should therefore be connected before any other device (telephone, fax machine or answering machine).

A suitable overcurrent protection on the telephone line is required (e.g. 038 28).



4 - First activation

When the Unit is switched ON for the first time, the Maintenance menu is shown; the slide switch on the back is in **OFF** position.

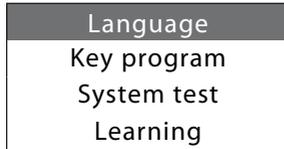
To activate the Unit and make it operational:

- Choose the language.
- Have the Unit execute the learning.
- Flip the slide switch to **ON**.
- Press  twice to escape from the maintenance menu.
- Go back to the maintenance menu.
- Test the system by verifying the sensors.
- Program a transponder key or a numeric code.
- Enter hour and date.
- Edit the names of the zones, devices and division scenarios.

4 - First activation

4.1 - Selecting the language

Use this function if the language set at the factory is not the one you need.



When switching ON the first time, the **Language** menu is already selected



OK

Enter by pressing OK

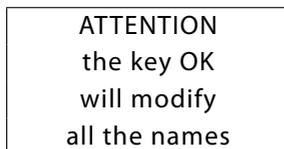


Choose required language



OK

Enter by pressing OK



OK

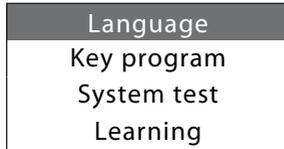


A check page is displayed, which allows you to choose if you want to reinitialize all set names

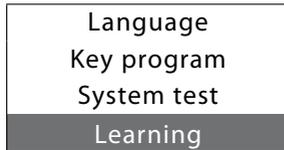
4 - First activation

4.2 - Learning

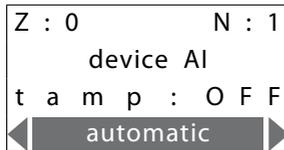
This function makes the burglar-alarm unit recognize all devices included in the burglar-alarm system, hence identifying its classification (IR sensor, internal siren...etc.) and assigned zone. The configuration is stored by the Unit and can be edited according to the current requirements.



Select **Learning**

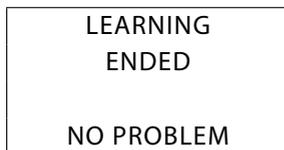


Press **OK** to enter



After pressing **OK**, the display looks like the figure opposite

Press **OK** to start the learning function



NEXT

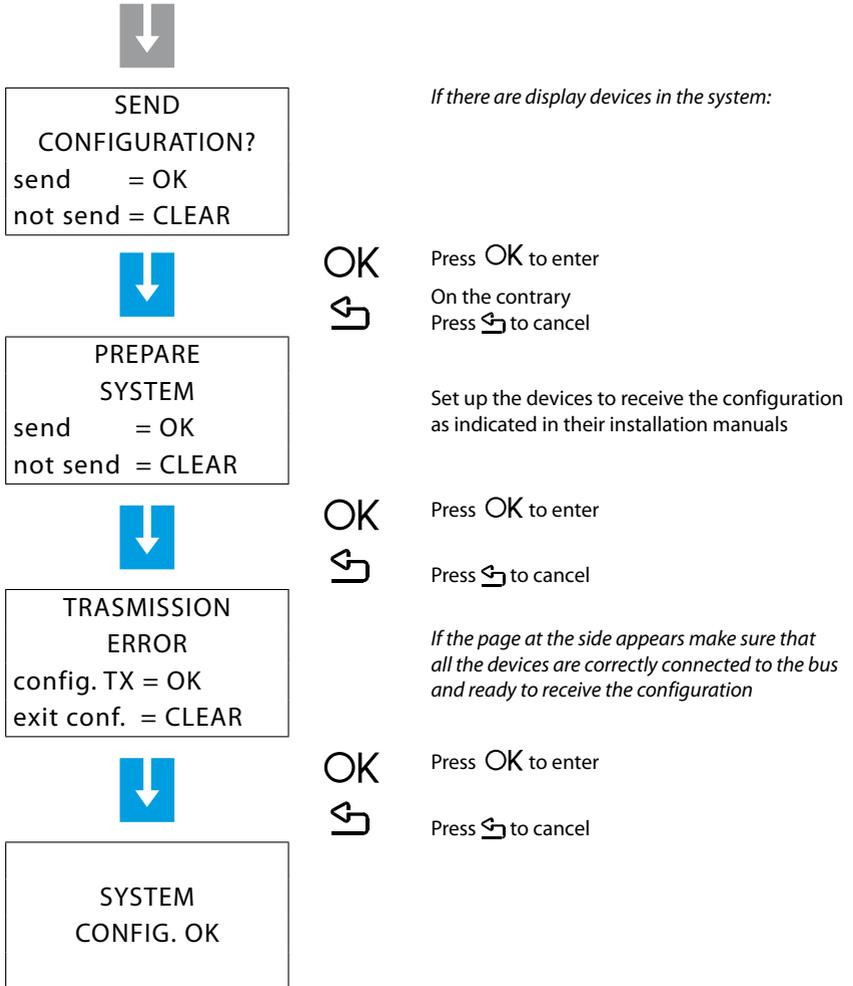
At the end, this message will appear:

LEARNING
ENDED
NO PROBLEM

(instead, if the message "tamper problem" appears, press , press **OK** and, with the side arrow  go to the manual configuration and check the device showing "tamp: ON" with the down arrow. Eliminate the problem and repeat the automatic learning function)

4 - First activation

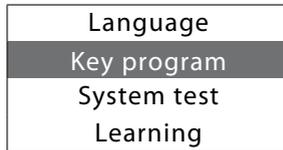
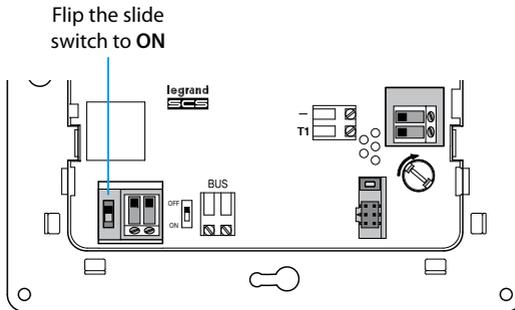
At the end of the system learning the request to send the configuration to display devices (e.g. Keypad connector with display) appears. This will let the devices not only show the alarm-given signal but also indicate the zone and the sensor which detected it.



If you modify the system, by adding or removing devices, it is necessary to execute the self-learning function in order to update the configuration of the system stored by the Unit.

4 - First activation

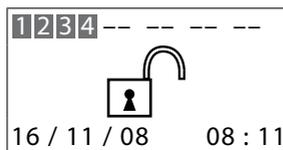
4.3 - Escaping from the maintenance menu



Press ↶ to escape from the Maintenance menu



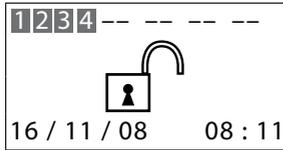
Hold down ↶ to go back to the initial page



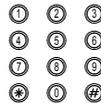
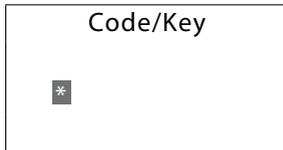
4 - First activation

4.4 - System test

Return to Maintenance menu as described hereinafter and select System Test; this function verifies the correct operation of the sensors without causing alarms.



OK Press OK



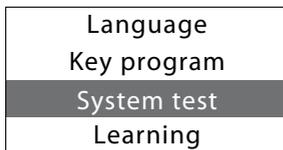
Enter the **Maintenance Code**
(basic 00000)



Select the **Burglar alarm (Antitheft)** menu and press **OK** to enter



Select the **Maintenance** menu and press **OK** to enter



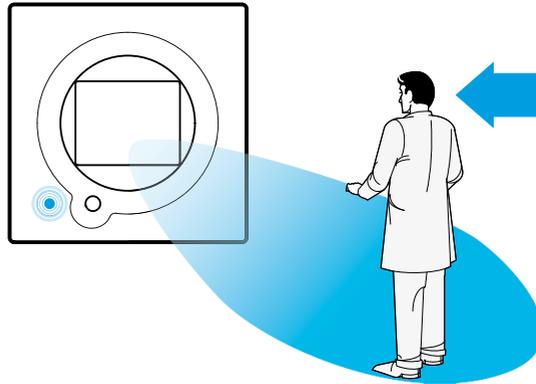
OK

Enter **System test**.
After checking the system, escape from the **Maintenance** menu as described in par. 4.3

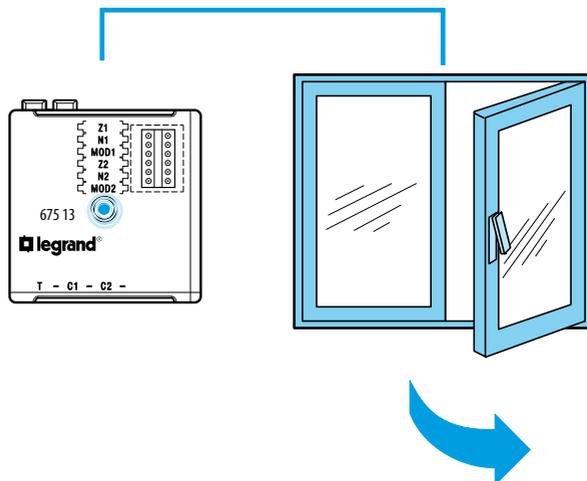
4 - First activation

Execute the checks as shown below:

The red LED should light up when passing through the area protected by the IR sensor.



The red LED of the contact interface should light up when opening the windows or entrance door.



4 - First activation

4.5 - Programming the scenarios

The Control unit has 16 division scenarios. As a basis all the scenarios are enabled and all the zones are activated.

The scenarios can be customised as required by means of the following procedure.

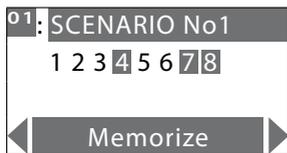
Select **Scenarios** from the Maintenance menu



Select function **Modify** with the   keys



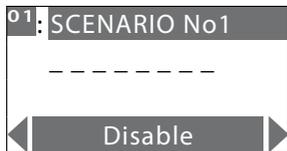
Press **OK** to enter



With the numeric keys select the zones which must not be activated



Press **OK** to enter

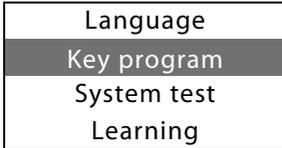


When the scenarios have been customised, hold down the  pushbutton until the initial page appears

4 - First activation

4.6 - Key program - transponder

Select **Key program** from the Maintenance menu



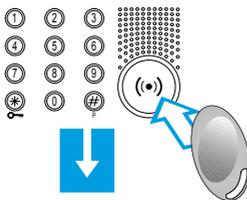
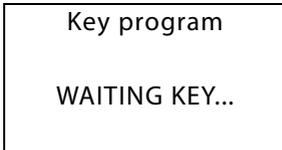
OK

Press OK to enter



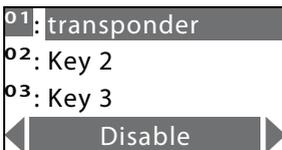
OK

Press OK again



Bring the transponder key (less than one centimeter) near the reader. When programming is completed, **Programming performed** appears on the display. Whenever the transponder has already been saved the control unit will return to the list of keys showing the existing one in case you want to modify it.

The transponder so programmed will be recognised by all the system readers



When key programming is completed, hold down the  pushbutton until the initial page appears

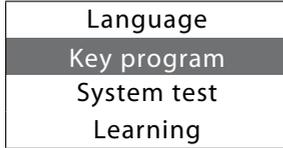
Notation on transponder use:

To enable or disable the burglar alarm, press the burglar-alarm unit **#** or ***** key. Then, bring the transponder key near the reader for about 2 seconds.

4 - First activation

4.7 - Key program - numeric code

Select **Key program** from the Maintenance menu



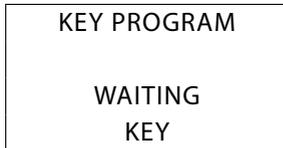
OK

Press OK to enter



OK

Press OK again

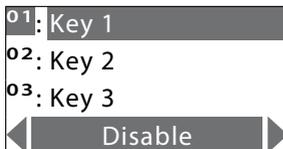


*

Press the * key



Type the 5-figure numeric code; whenever the code has already been used the control unit will return to the list of keys showing the existing one in case you want to modify it



When key programming is completed, hold down the  pushbutton until the initial page appears

Notation on numeric code use:

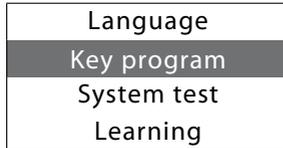
To enable or disable the burglar alarm, press the burglar-alarm unit * key, then type the code.

4 - First activation

4.8 - Key limitation

The use of each key can be limited to some days of the week, to the activation of just some zones of the system and with a set time range.

In the case of access limitation to just some zones of the system, the key cannot switch ON, OFF and modify the system division.



Select **Key program** from the Maintenance menu



OK

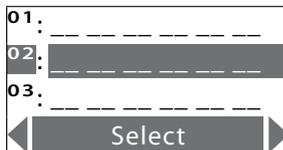
Press **OK** to enter



Select the key to limit using the **↶** **↷** keys



Select function **Select** with the **↶** **↷** keys



OK

Press **OK** to enter



NEXT

4 - First activation

4.9 - Setting the date and hour

In order for the system to constantly keep all stored events under control, it is important to set the correct date and hour.

SELECT
Antitheft
Communicator



OK

Enter Burglar alarm (Antitheft)

Scenarios
Zones
Devices
Event memory



Select **Date and hour**

Zones
Devices
Event memory
Date and hour



OK

Enter

03 : 05
01 / 01 / 00
Saturday
SLAVE



Set the date and hour (day/month/year) by using the alphanumeric keypad.
(to set SLAVE/MASTER, see par. 6.5)

17 : 07
21 / 11 / 08
Saturday
MASTER

OK

Press **OK** to enter; the day of the week is automatically updated

5 - Programming

5.1 - Programming from personal computer

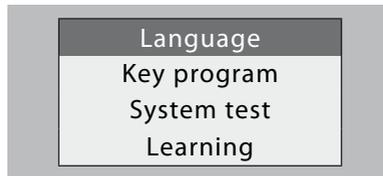
Type of program

The Unit can be programmed by using the SecurityConfig software.

Programming from a PC requires a cable 0492 34, for the connection between the Unit 6-way connector and a PC USB port.

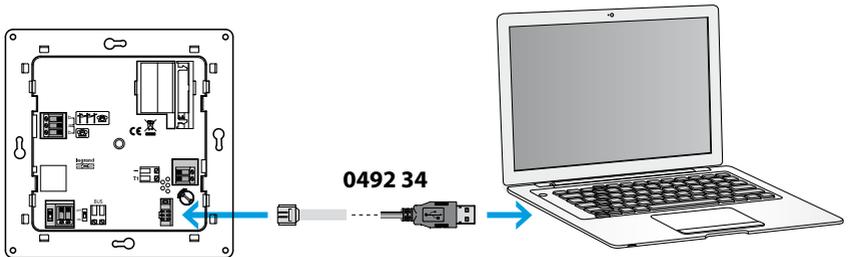
Connection is carried out as follows:

Use the maintenance code to enter the **Maintenance** using the Maintenance menu, take the Unit OFF the bracket.



Start **SecurityConfig** program.

Connect cable when requested and then follow the program procedure



For further information, see **SecurityConfig** software manual.

5 - Programming

Firmware update

This function allows updating the Unit software with its latest release. Such update allows bringing in improvements as well as new Unit functions.

The latest firmware releases are available at www.legrandelectric.com



Before starting the firmware updating procedure position the slide switch on OFF

For further information, see SecurityConfig software manual.

Programming of parameters

This section of the program allows complete editing of each parameter of the Unit with remarkable simplicity.

It is possible to receive the existing configuration from the Unit, change it and send all changes to the Unit (in this step, the software executes a compatibility comparison between the implemented project and the installed system) or save the configuration in a file in order to change it later on or keep it as a backup copy to retrieve the previous configuration.



Every time the configuration is modified by means of SecurityConfig, relearn the system and confirm the sending of the configuration.

For further information, see SecurityConfig software manual.

Programming of messages

This program function allows easy management of vocal messages of the Unit. The commands that are available are as follows:

- **Send:** transfers the vocal messages from the PC to the Unit
- **Listen:** lets you listen to the vocal messages directly from the Unit loudspeaker
- **Receive:** transfers all vocal messages from the Unit to the PC, letting you change and save it as a project file
- **Import wav:** lets you import audio files with the extension .wav. The duration of imported files must not be longer than the one suggested for each message
- **Listen:** lets you listen to the vocal messages from the PC loudspeakers.
- **Record:** for recording messages through a microphone connected to the PC.

For further information, see SecurityConfig software manual.

5 - Programming

5.2 - Programming from keypad

On completion of operations described in section “First activation”, it will be possible to access the programming menus and execute a great number of editings that will allow you to fully use the burglar-alarm unit features and therefore meet the user’s needs.

Two programming levels are required:

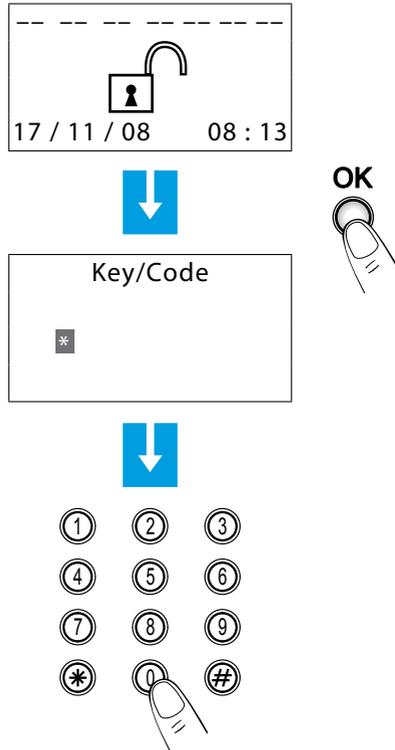
- **level 1 (user)**, allows access to the functions used to operate the Unit. It does not allow access to the Maintenance and Command menus. It allows access, though with partial use, to the Automation menus (enabling and disabling) and Alarms memory (deleting is not allowed), can also rename and enable the scenarios and keys and update the numeric codes.

The user can access the level only:

From the keypad

Press **OK** then type the **user code** (based 00000).

Entering an incorrect code three times in succession the Control unit prevents the enabling of other codes for 1 minute.



5 - Programming

- **level 2** (installer) allows access to all menus, apart from the modification of the user code.

The installer can access the level only:

From the keypad

Press **OK** then type the **Maintenance Code** (basic 00000)

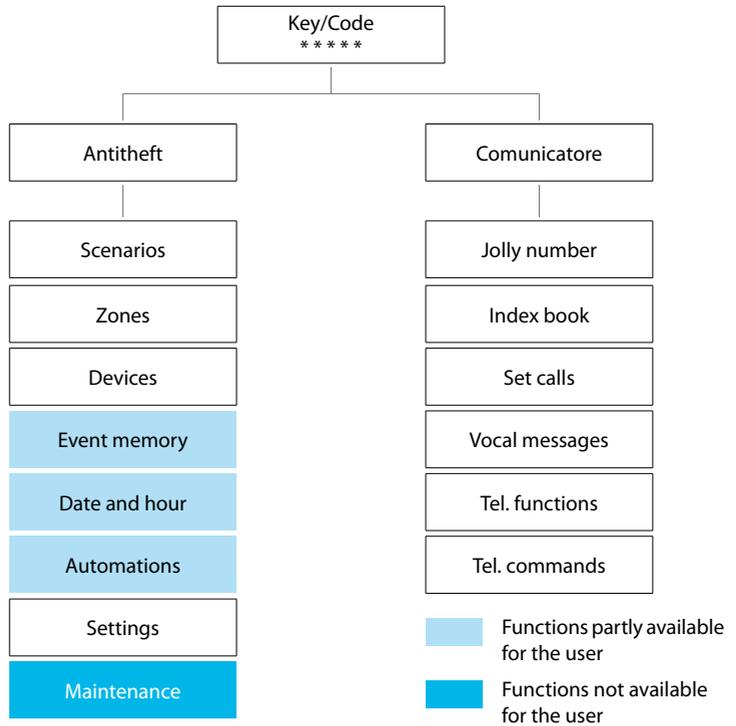
The Maintenance Code **does not enable/disable the system**;
if the system is **enabled, it will not allow access to the menus**.

Note: in the setups made at the factory, user codes and maintenance codes coincide and are both: 00000; in this case, access is available for all programming menus; to change the maintenance code, see section 6.9.

5 - Programming

5.3 - Programming menu diagram

The main menu is characterized by two sections. To make things easier, programmings related to the burglar alarm and those related to the Telephone dialling device (Communicator) have been separated.



6 - Burglar-alarm menu



6.1 - Scenarios

This menu contains 16 division scenarios which can be customised and used as required. As basis all the scenarios are enabled and all the zones are activated.



Use the horizontal scroll keys \leftarrow \rightarrow to select one of the following required functions:

- Disable** - Select this function to disable the scenario selected; enter by pressing OK.
- Erase** - Erase the selected scenario; enter by pressing OK.
- Modify** - Can modify the division scenario selected; enter by pressing OK; Press the numeric keys corresponding to the zones to activate/deactivate. Enter the scenario by pressing OK.

To use a division scenario select it directly from the main page using the \leftarrow \rightarrow keys. Confirm the choice with the user code or using an unlimited key.

6 - Burglar-alarm menu



6.2 - Zones

The Zones menu shows the list of zones in which the burglar alarm is split into and indicates their number and name. The active zones are shown in a dark box.



Use the horizontal scroll keys ◀ ▶ to select one of the following required functions:

Exclude - choose this function to divide the selected zone; enter by pressing OK.

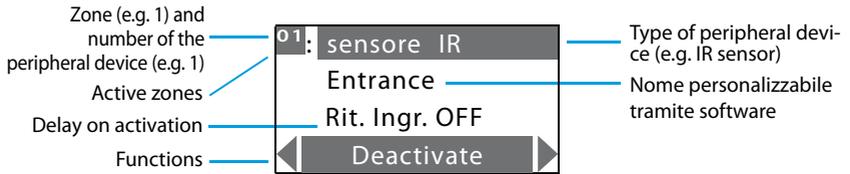
Include - select this function to reactivate a divided zone; enter by pressing OK.

6 - Burglar-alarm menu



6.3 - Devices

The Devices menu gives information on each component included in the burglar-alarm system. It gives information on the assigned zone, progressive number of the peripheral device within the zone, type (IR sensor, internal siren...etc.), name, status (enabled or disabled) and, for zone 1 peripheral devices only, the delay on activation.



Use the vertical scroll keys ∇ \triangle to select the peripheral device.

Use the horizontal scroll keys \leftarrow \rightarrow to select one of the following required functions:

- Activate** - activates the selected peripheral device; enter activation by pressing **OK**.
- Deactivate** - deactivates the selected peripheral device; **all peripheral devices are enabled** after the first activation; enter deactivation by pressing **OK**.
Disabling one or more peripheral devices may jeopardize the burglar-alarm safety. For this reason, a check page is displayed in order to avoid unintentional deactivations.
Disabling a mechanical key and the devices assigned to zone 0 causes their functions to be lost except for the connectors, which continue to operate.
Note: Disabling is referred to the burglar-alarm functions and 24-hour functions.
- Delay ON** - if a device is configured as delayable, the Control unit proposes enabling the input delay.
This function gives the possibility to delay the input alarm activation for each sensor; (program the delay duration in the Settings menu, sec. 6.8); enter by pressing **OK**.
- Delay OFF** - no delay: if an event is recorded, the sensor will immediately activate the alarm; enter by pressing **OK**.

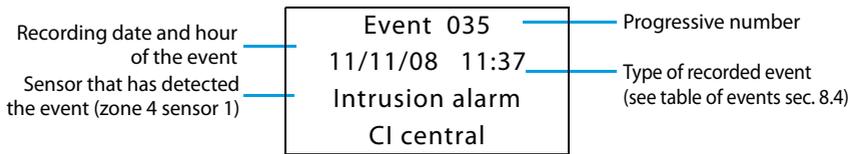
6 - Burglar-alarm menu



6.4 - Event memory

Refer to this menu to display the last 200 events recorded by the burglar alarm system. It is also possible to know the type of event (see table of events in section 8.3), the date and hour of recording. Also, in case of an alarm, you can find out which sensor produced the alarm.

For consultation convenience, the events are shown in chronological order, starting from the most recent one.

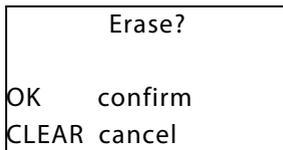
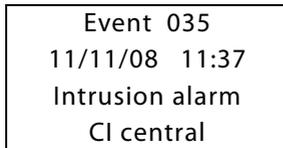


It is possible to display all stored events one after the other with the keys.

It's possible to display other information on the event with the key .

Erasing the event memory (possible only with installer's code)

The installer can erase the entire event memory with the following procedure:



Press the OK key

The page on the left appears.
Press the pushbutton to erase from the erasing menu



Press OK to erase memory

6 - Burglar-alarm menu



6.5 - Date and hour

Access this menu to set or change the present hour and date; the display shows the hour and date in the following formats:

- Hour: hh:mm (hours:minutes)

- Date: dd/mm/yy (day/month/year, premendo il tasto # è possibile modificare il formato in mm-gg-aa)

The setup procedure is the following:



Use numeric keys to set hour and date; by typing a number, the cursor moves to the next one; use the keys to move the cursor from the time line to the date line and vice-versa

By setting the unit as a MASTER clock, it will send, every 10 minutes, the time update to all devices provided with a clock within the In One by Legrand® (Touch Screen, Temperature control Unit...).

Important: only one device of the system can be set as a MASTER, all the others can be set as SLAVES.

(this setup can be performed on the Unit only if the menu is accessed via the Maintenance Code)



OK

Enter setup by pressing **OK**; the Burglar-alarm menu screen appears (the day of the week will be automatically updated).

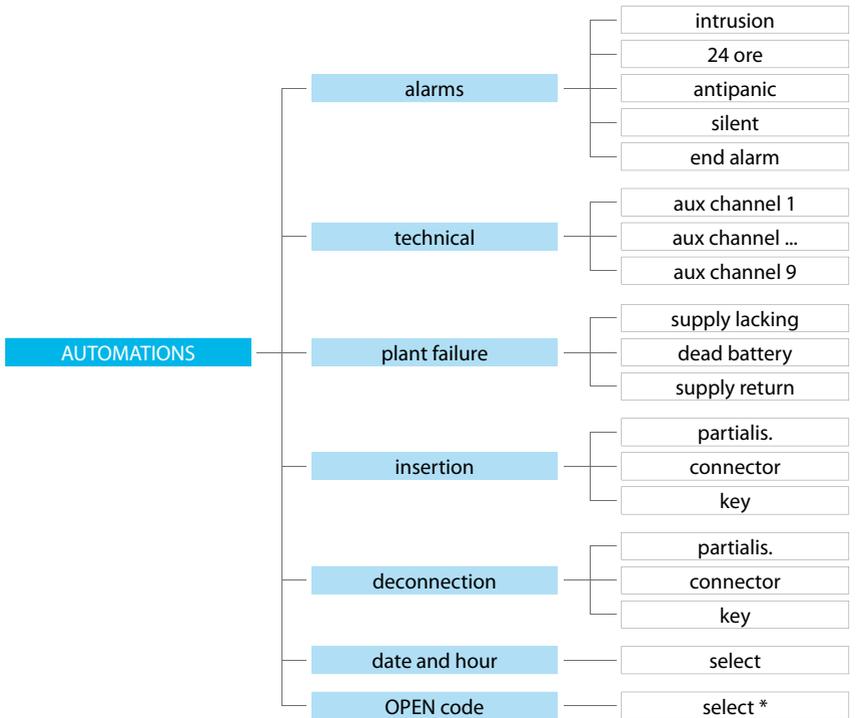
6 - Burglar-alarm menu



6.6 - Automations

When you access this menu with the Maintenance Code, a list of 20 automations, which can be set up, is displayed. The automation lets you link an execution to one specific burglar-alarm event. For example, it is possible to program the Unit in such a way that, in case of a burglar alarm, it can send a command to turn ON the lights, hence confusing the trespasser.

EVENTS THAT CAN BE LINKED TO AN AUTOMATION



A few automation examples:

Intrusion alarm: lights turn ON in room 3 at every trespassing alarm.

Date and hour: burglar alarm disconnection at 7.00 every day (e.g. string: `**/**/07:00`).

OPEN code: links two executions, for example the lights go out in a room while roller shutters roll up in the same room.

Key: a key can be programmed so that when it is used for switching ON/OFF, it corresponds for example to switching a light ON or OFF.

6 - Burglar-alarm menu



With the central unit menu it's possible to enable/disable the automations set by the SecurityConfig software.



OK

Select Automations and press **OK** to enter.
The automation list is displayed.



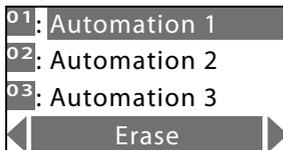
OK

After selecting an option from the list with the **↵** **↶** keys, press **OK** to enter.
The operation intended to be executed is displayed in the last line. Therefore, if the automation is **disabled**, the word **enable** appears and vice-versa



Press **OK** to enable automation

The number that marks the programmed automation is highlighted by a dark square.
The set automations can be enabled or disabled separately according to one's needs or eliminated by selecting the required function with the **↶** **↷** keys



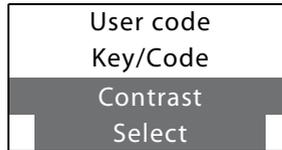
When programming is completed, hold down the **↵** pushbutton to go back to the initial page

6 - Burglar-alarm menu



6.7 - Settings

The user can edit all options in this menu without jeopardizing the proper functioning of the system.



Use the vertical scroll keys ∇ \triangleleft to select one of the following required functions:

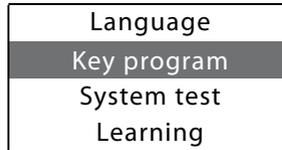
- User code** - this function can modify the user code. In the factory setting the user and maintenance codes coincide and are both: **00000**. In this case one always has access to all the programming menus; modifying this setting the user code will not allow access to the menus reserved to the installer.
- Key/Code** - gives the list of transponder keys, remote controls and numeric codes. Use can be enabled or disabled for each of these; the codes can be customised.
- Contrast** - display contrast adjustment.
- Sound signalling** - if there are delayed devices in the system an audible signal can be enabled from the control unit and from all the connectors for the time set for the delay.

6 - Burglar-alarm menu



6.8 - Maintenance (for installer only)

Access to this menu is only possible using the maintenance Code (base 00000).



Use the vertical scroll keys ∇ \triangle to select one of the following required functions:

- Language**

 - option for the display language and vocal messages; enter by pressing **OK**.

- Key program**

 - lets you program the remote controls and transponders for enabling and disabling the burglar alarm.
Use the keys \triangleleft \triangleright to select one of the following options:
New: for programming new remote controls and transponders.
Share: for programming a remote control to be used for several burglar alarms (e.g. home and office)
Update: for the configuration of a remote control, the code of which you believe has been copied
Select: can associate some limitations of use to the remote control/transponder.
Erase: to cancel the selected remote control or transponder.
Erase all: used for erasing of all remote control and transponder codes; and to execute programming (for programming, go to sections 4.6 and 4.7).

- System test**

 - select this function and press **OK** to enter; the system switches to TEST mode. This allows the installer to check all systems without activating the system. When this function is selected the Control unit can receive telephone calls.

- Learning**

 - This function makes the burglar-alarm unit recognize all peripheral devices included in the burglar alarm system, hence identifying its classification (IR sensor, internal siren... etc.) and assigned zone. 2 options are available:
Automatic: la Centrale esegue una scansione del sistema e configura ogni singola periferica (per la procedura si rimanda al par. 4.2).
Manual: allows you to check the connection, type and situation of the tamper of each device, hence storing them.

6 - Burglar-alarm menu



Tamptest

- enables or disables the periodic check of the interconnections between the Unit and devices connected.
Interconnections: if a peripheral device does not communicate with the Unit due to disturbances, the installer has the possibility to keep this from producing an alarm by disabling this control.

Ext. siren flash

- this function indicates, through the flashing external siren, if the burglar alarm is ON (3 flashes) or OFF (one flash).

Maintenance Code

- the user code and maintenance code coincide in the basic configuration and let you access all menus. This function lets you distinguish them in order to access the menus reserved for the installer.
The Maintenance Code must be modified before the user code can be modified.
The maintenance code **does not enable/disable the system**.
If the system is **enabled it will not be possible to access the menus** with the Maintenance Code.



*To escape from the Maintenance menu, it is necessary to press the  key, since there is no time-out after 30 seconds.
(the Unit does not automatically return to the initial page if the keypad is not used for more than 30 seconds).*

6.9 - Loss of Maintenance Code

This procedure allows the installer to retrieve his code if it has been forgotten or lost.

- Make sure the system is OFF;
- Take the Unit OFF the bracket. This operation will produce an alarm;
- Flip the slide switch ON the back of the Unit in OFF position;
- Press the Reset pushbutton. The Unit switches to “Maintenance”;
- It is now possible to read the code by accessing the submenu “Maintenance Code”.

7 - Dialling device menu

Jolly number | Index book | Set calls | Vocal Messages | Tel. Functions | Tel. commands

7.1 - Jolly number

In case of an alarm, the burglar-alarm unit starts calling the set telephone numbers; the “Jolly number” is the **first** telephone number that will be always dialled by the Unit when **any** type of alarm is detected (intrusion, plant failure or technical alarm), except when **all** calls are disabled (par. 7.5).

In this menu, it is possible to enter, edit or delete the telephone number set as “Jolly number” (e.g. the number of your own “mobile phone”).



OK Press **OK** to enter the function



OK
① ② ③ Press **OK** to enter and type in the required number. Use the * key to enter pauses. The pause will be displayed as a comma.
④ ⑤ ⑥
⑦ ⑧ ⑨
⑩ ⑪ ⑫



OK Enter the number by pressing **OK**. “In progress” is displayed for a few seconds

Select the **Test** function to call the Jolly number on the PSTN line.

7 - Dialling device menu

Jolly number — Index book — Set calls — Vocal Messages — Tel. Functions — Tel. commands

It's possible to set the central unit in order to make a periodical line test. The test can be performed once a day establishing the time, or with intervals of 2, 6, 8, 12 or 24 hours.



After setting the **Jolly number** per In One by Legrand®, use the keys to select **Line Test**

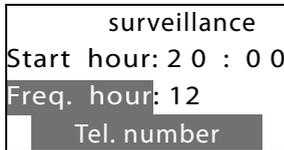


OK

Press **OK** to enter



Use the keys to set the time the test will start; use the keys to select minutes/ hours or change to the frequency setting



If you intend to repeat the test cyclically use the keys to select the frequency with which the test line will be repeated (2, 6, 8, 12, or 24 hours)

If a vocal call is in progress, it will be blocked by the test call

Press **OK** to memorise.

Hold down the key until the initial page appears

7 - Dialling device menu

Jolly number **Index book** Set calls Vocal Messages Tel. Functions Tel. commands

7.2 - Index book

This menu lets you store 10 telephone numbers. It is possible to choose 4 of these 10 numbers for your calls according to the type of alarm recorded by the system (see next section). The available functions are:

Modify - to enter a new number or edit an existing one

Erase - to erase the selected number from the index book

The diagram illustrates the process of entering a number into the index book menu through three sequential screens:

- Screen 1:** A list of four entries: 01: Name 1, 02: Name 2, 03: Name 3, and 04: Name 3. A blue arrow points down from this screen to the second screen.
- Screen 2:** A form with '00 name' at the top, a greyed-out input field, and 'Tel. number' at the bottom with left and right arrow keys. A blue arrow points down from this screen to the third screen.
- Screen 3:** A form with '00 name' at the top, a greyed-out input field containing the number '13351234567', and 'Memorize' at the bottom.

Navigation instructions:

- OK** After selecting an option from the list with the ∇ \triangle keys, press **OK** to enter
- OK** Press **OK** to enter and then type in the required telephone number. Use the * key to enter pauses. The pause will be displayed as a comma
- OK** Press **OK** to memorise
- Press \curvearrowright once to go back to the index book and enter other numbers (max 10 in all) or hold down the key until the initial page appears

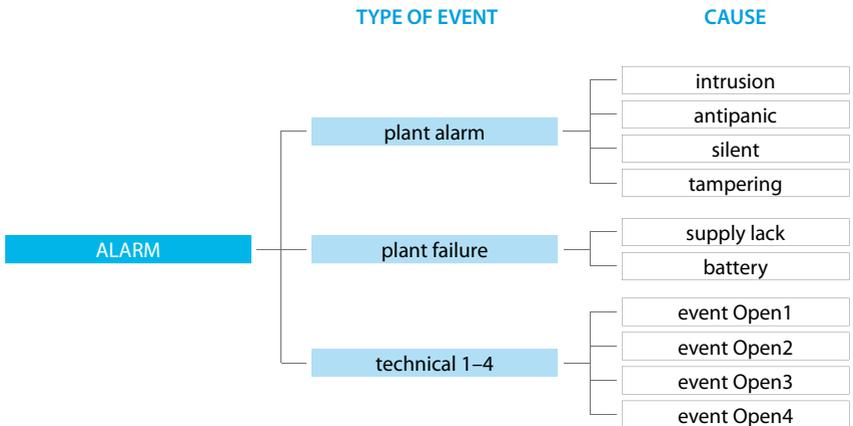
7 - Dialling device menu



7.3 - Set calls

This menu lets you match the telephone numbers stored in the index book with the alarm events detectable by the burglar alarm or any Open event chosen by the user; it is possible to match up to 4 telephone numbers with each event (in addition to the jolly number, which is common to all events).

There are three types of events (see diagram below)



The **plant alarm** event and the **plant failure** event are those detected by the burglar alarm; **technical** events are established by the user. In this case, after matching the telephone numbers you intend to call, the Open code related to the event that will make the call will be requested (e.g. *5*12*#1## = activation of the gas detector)(see section 9).

Technical events include remote assistance which only works on auxiliary channel 9.

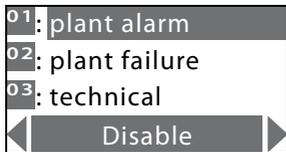
When one of the above events occurs, the burglar-alarm unit automatically dials the telephone numbers matched with one specific event and communicates the type of alarm that has occurred through a vocal message (see section 7.4).

If the line is busy or if there is no answer, the Unit keeps calling for the set number of times (see section 7.5); the user who receives the call can stop the cycle of calls by dialling the **user code** (basic 00000) on his/her own telephone after listening to the recorded message. If the user code is not dialled, the Unit will keep on dialling the set telephone numbers that did not answer.

7 - Dialling device menu

Jolly number Index book **Set calls** Vocal Messages Tel. Functions Tel. commands

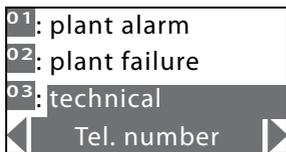
Setup procedure:



The calls can be enabled or disabled separately according to one's needs or eliminated by selecting the required function with the keys. The operation intended to be executed is displayed in the last line. Therefore, if the call is **disable**, the word **enable** appears and vice-versa



The DISABLE function is only for the set numbers, listed below. The Jolly number will be called anyway



Use the vertical scroll keys to select an option from the list

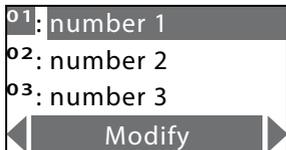


With the keys select **Tel. number** in the functions



OK

Press **OK** to enter

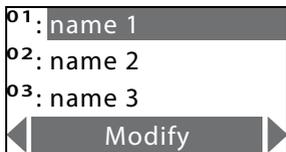


The list of the 4 telephone numbers linked to this event appears, if previously memorised, or it will appear empty as in the figure



OK

Use the vertical scroll keys to select one of the options and then press **OK**



The list of the 10 telephone numbers included in the index book appears



OK

Select the number to call when the event occurs and then press **OK** to enter

NEXT

7 - Dialling device menu

Jolly number Index book **Set calls** Vocal Messages Tel. Functions Tel. commands



01: name 7
02: number 2
03: number 3
Modify



01: plant alarm
02: plant failure
03: technical
Command



OPEN code
Modify



OPEN code
*5*12*#1##
Memorize



It is now possible to:
select another option and match another telephone number with the same event or press to go back to the previous page of the menu and set up calls for other events

OK

For the technical alarms, select **Command** with i tasti keys, then press **OK** in order to enter the OPEN code

OK



Press **OK** again and then dial the Open code (see section 9) related to the event that is to be signalled

OK



Press **OK** to enter the code

Press to go back to the previous page or hold down the key until the initial page appears

7 - Dialling device menu



7.4 - Vocal messages

Vocal messages are sent from the Unit to the set telephone numbers when a particular event occurs (see above section) e.g. “the burglar alarm system is in alarm”, or as an answer to telephone commands sent by the user (section 6.6) e.g. “roller shutters up”.

This menu allows recording, relistening and storing of the personalizable parts of the vocal messages. The complete message that the user will hear during a call will consist of pre-recorded parts and personalized parts, for example, in case of a gas leak, the message will be:

Antitheft System. Attention gas alarm **press a number to listen** after pressing a number the user will hear:

Personalized message (address) + **the system is ON, attention** gas alarm + **enter code**.

After typing in the correct code, the user can send commands to the Unit. A vocal message will be returned, e.g. executed.

If a wrong code is typed in for three times in a row, the Unit cuts OFF the communication.

Pre-recorded messages <i>Pre-recorded messages</i>	Pre-recorded part	Part to be recorded	
Antitheft System, warning + type of alarm <i>(e.g. intrusion)</i>	Press a number to listen	<i>Message recorded by... name and address of user</i>	System status <i>(e.g. ON)</i> + type of alarm + enter code
Antitheft System, warning + type of alarm <i>(e.g. supply lack)</i>			
Antitheft System, warning + personalized message			

When recording the messages, watch the time available, which is set at **8 seconds** for the address and **2 seconds** for the other messages.

However, it is possible to listen to the message again and, if the recording is incomplete or unsatisfactory, make a new one. The **pre-existing message will not be cancelled** unless the function “**Memorize**” is selected.

The time available to record the message is displayed by a number of asterisks that gradually go OFF as the seconds go by.



- *If there is a power line voltage failure, all messages will remain stored.*
- *If the battery is dead or not connected, it will not be possible to access this menu.*

7 - Dialling device menu

Jolly number Index book Set calls **Vocal Messages** Tel. Functions Tel. commands

```

01: address
02: technical 1
03: technical 2
└────────── Listen ─────────┘
    
```

Recording, listening and memorising procedure of vocal messages:



Use the vertical scroll keys to select an option from the list

```

01: address
02: technical 1
03: technical 2
└────────── Command ─────────┘
    
```



```

01: address
02: technical 1
03: technical 2
└────────── Modify ─────────┘
    
```



Use the horizontal keys to select the function "Record" and press **OK** to enter selection



```

*****
└────────── Memorize ─────────┘
    
```



The available time indicator is displayed (asterisks)

- Start recording by speaking in a normal vocal in front of the Unit.
- When the recording has been completed, select the function **Listen** to check the quality of the message



```

01: address
02: technical 1
03: technical 2
└────────── Memorize ─────────┘
    
```

If the recording was performed correctly, select **Memorize** and press **OK**; **In progress...** is displayed for a few seconds. Press  once to go back to the first page of this menu or hold down the key to escape from the programming



7 - Dialling device menu

Jolly number | Index book | Set calls | Vocal Messages | **Tel. Functions** | Tel. commands

7.5 - Telephone function

The options in this menu can be edited in order to optimize the operation of the telephone dialling device according to one's needs.



Use the vertical   scroll keys to select one of the following functions:

Remote control

- This function is divided into:

Remote assistance (Tele assistance): can enable incoming remote assistance calls for control units which use the Contact ID protocol (see chap. 9).

Remote assistance is only possible if control unit 5739 34/35 is in "Test system" mode.

Remote management (Telecontrol) AI: has the following choices:

- **USER:** only the user can perform the remote anti-intrusion management by means of a telephone call.
- **MANAGER:** only the surveillance control unit can perform the remote anti-intrusion management.
- **ON:** the user and the surveillance control unit can perform the remote anti-intrusion management.
- **OFF:** the remote anti-intrusion management is disabled.

Sound spread

- Allows sending remote vocal messages in the environment through the Unit loudspeaker and, if connected, through the sound system (sound spread), too; allows remote room listening through the Unit microphone.

If activated (ON), the unit loudspeaker also reproduces preset messages (e.g. enabled, disabled, etc).

7 - Dialling device menu

Jolly number Index book Set calls Vocal Messages **Tel. Functions** Tel. commands

Specify all personalizations in the following table.

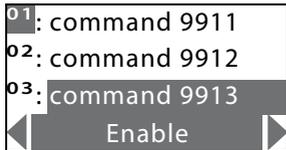
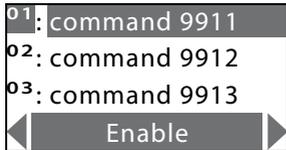
TELEPHONE FUNCTION	BASIC CONFIGURATION	PERSONALIZED CONFIGURATION
REMOTE CONTROL TELE ASSISTANCE	OFF	
REMOTE CONTROL TELEGESTIONE	OFF	
SOUND SPREAD	OFF	
MAINTENANCE CODE	00000	
USER CODE	00000	
LANGUAGE	English	
ALARM DURATION	3 minutes	
TAMPTTEST AL. DURATION	3 minutes	
OUTPUT DELAY	0 seconds	
INPUT DELAY	0 seconds	
LINE TEST	OFF	

7 - Dialling device menu

Jolly number Index book Set calls Vocal Messages Tel. Functions **Tel. commands**

7.6 - Telephone commands

This menu allows to enable/disable the telephone commands set by the SecurityConfig software.



Use the vertical scroll keys to select an option from the list

OK

Press OK to enable the telephone command



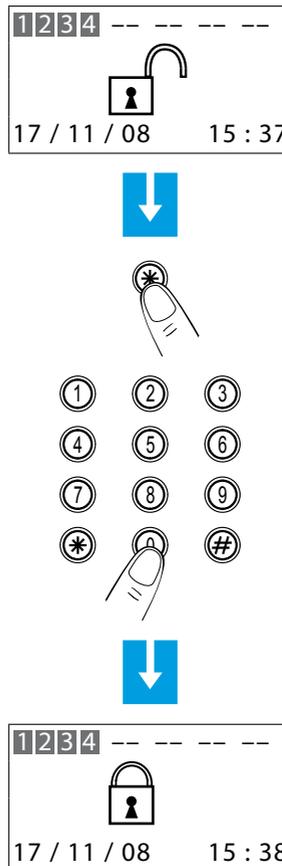
8 - Operation

8.1 - Activation / Deactivation burglar-alarm

Enabling and disabling the burglar-alarm system can be executed in three ways:

BY USING THE UNIT KEYPAD

Press * then dial the user code or an enabled numeric code on the alphanumeric keypad. Entering an incorrect code three times in succession the Control unit prevents the enabling of other codes for 1 minute.

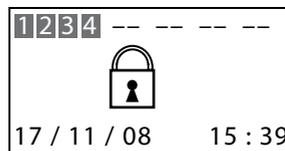
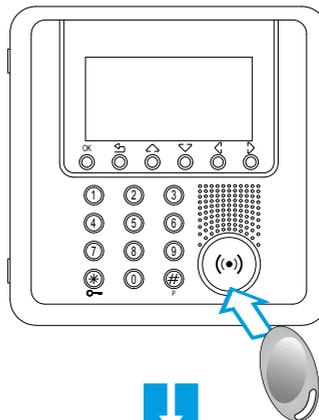
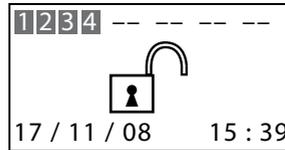


The burglar-alarm can also be switched ON/switched OFF and divided by other devices such as Touch screen and keypad connectors with display.

8 - Operation

USING THE TRANSPONDER KEY

Press **#** or ***** key to activate the transponder reader and then bring the transponder key (less than one centimeter) near the reader for 2 seconds.



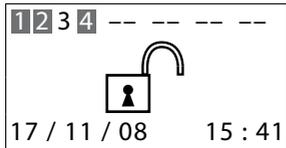
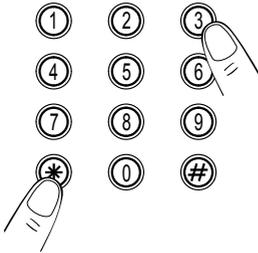
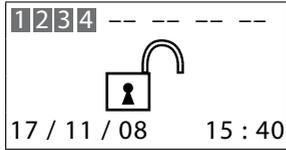
*The burglar-alarm can also be switched ON by keeping the ***** key pressed for 3 seconds*

8 - Operation

8.2 - Deactivating - activating zones

After the "first activation", all zones in which the burglar-alarm system is split into are active. One can divide in 3 ways:

Deactivation and/or re-activation of the zones can be easily managed directly from the Unit keypad.



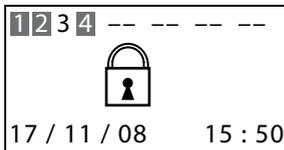
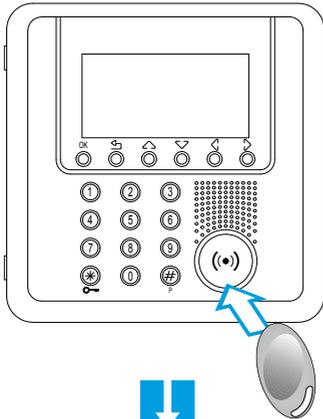
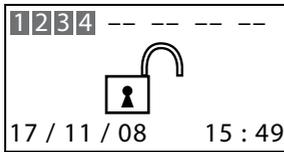
When the system is OFF, press the number corresponding to the zone/zones to be deactivated or re-activated (e.g. deactivation of zone 3) on the keypad

Press the * key then type the user code or an enabled numeric code on the alphanumeric keypad

Zone 3 has been deactivated.
The active zones are shown in a dark box.
The burglar-alarm system is OFF

8 - Operation

Deactivation and/or re-activation of the zones can be easily managed using the transponder key



When the system is OFF, press the number corresponding to the zone/zones to be deactivated or re-activated (e.g. deactivation of zone 3) on the keypad

Bring a transponder key near the reader within 5 seconds to enter the change

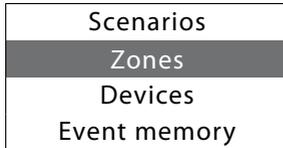
Zone 3 has been deactivated.
The **active** zones are shown in a dark box

8 - Operation

Deactivation and/or re-activation of the zones can be executed by accessing the **Zones** menu.



Enter **Burglar alarm (Antitheft)**



Use the   keys to select the **Zones** menu



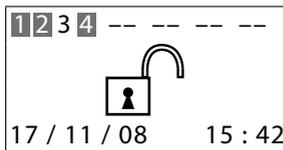
OK to enter



Use the   keys to select the zone



Enter selection
(if the zone is active in the function line, **"Exclude"** appears; if it is deactivated, **"Include"** appears)



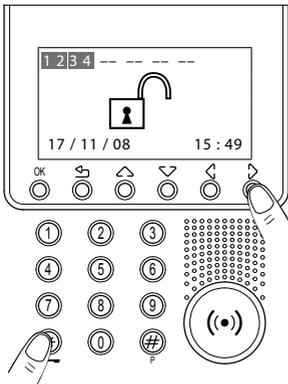
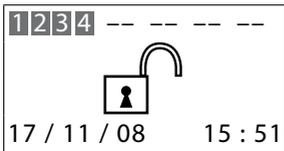
Hold down the  key to escape from menu **Zones**

8 - Operation

8.3 - Sound signalling

The division scenarios can be selected **with the system switched ON or OFF.**

The example shows the selection procedure by means of keypad with user code or with a key enabled code. An enabled remote control or a transponder key can be used to confirm the selected scenario.



With the   keys select the scenario required; the operation can also be performed with system switched ON

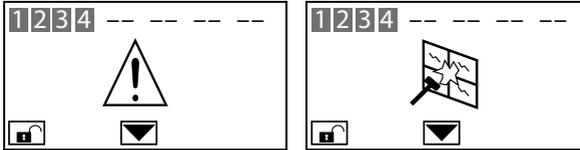
Press the * key then type the user code or an enabled numeric code

The **SCENARIO No3** has been activated

8 - Operation

8.4 - Consulting the event memory in case of an alarm

When the display appears like the figure below, it indicates that an alarm has occurred since the last activation of the burglar alarm. It is possible to know what type of alarm occurred and which sensor has detected it by pressing the   keys.



The signal automatically disappears from the display after the next activation of the burglar alarm.



  Press the   keys to display information concerning the alarm

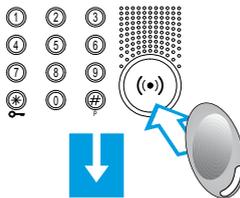
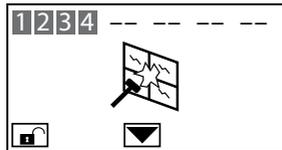
32 sensore IR
Kitchen window
Intrusion alarm
inserted

The display provides information on:

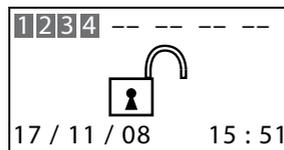
- sensor and alarm zone
- type of alarm (e.g. intrusion)
- system status during the alarm (e.g. ON)



Press  to go back to the initial page



The signal "alarms present" is automatically eliminated after the next activation of the burglar alarm; the technical alarms can be cancelled either from the alarms memory or locally by resetting the device that has picked them up



All alarms and other events concerning the burglar alarm are recorded in a special memory that can be consulted by the installer through the procedure described in section 6.4

8 - Operation

This table allows fast identification of the meaning of each stored event that is displayed through the menu **Event memory**.

Displayed message	Type of event
INTRUSION ALARM	Intrusion alarm produced by a detector
ANTIPANIC ALARM	Alarm forcing both when system is on and off)
SILENT ALARM	Alarm that activates the telephone call only
TAMPER ALARM	Tampering alarm (both for unit and other devices)
SILENCING	The alarm has been stopped
BATTERY BROKEN	The system battery is dead, Vbat < 10,4V
BATTERY OK	The system battery has been recharged correctly
BUS SCS ON	Voltage return of the SCS bus
BUS SCS OFF	Voltage failure to the SCS bus
SUPPLY LACKING	Power line voltage failure
SUPPLY RETURN	Return of power line voltage
DIVISION	Variation of status of one or more zones
CODE REQUEST	A connector has requested a code check to the unit
INSERTION	The system has been enabled
DISCONNECTION	The system has been disabled
TECHNICAL START	A technical alarm went on
TECHNICAL END	A technical alarm has ended
TECHINICAL RESET	A technical alarm has been reset

8 - Operation

Displayed message	Type of event
ACTIVE SENSOR	When activating, the sensor is active
KEY ON	Executes act/deactivation toggles (French version)
KEY OFF	Executes disconnection
TAMPTTEST ERROR	Communication problems between the Unit and devices
INSERTION ERROR	Insertion not available
ACTIVATION	The system has exited from the maintenance
MAINTENANCE	The system is in maintenance mode
MEMORY RESET	The event memory has been deleted
KEY/CODE	Attempted enabling with unknown code/key
KEY ELIMINATED	Cancelling a transponder, remote control or code
ALL KEYS ELIMIN	Cancelling all the keys (switching ON/ switching OFF only possible from the control unit keypad)
DATE - HOUR	The date/hour has been updated
KEY ENTERED	Switching OFF performed by (key name)
KEY LEFT	Switching ON performed by (key name)
DEAD BATTERY	Control unit battery dead
RADIO SENSOR KO	A radio sensor is faulty or its battery is flat
SENDING CONFIG. NOT SUCCESSFUL	After a configuration modification, the Unit did not manage to send it to the display devices

8 - Operation

8.5 - Sending telephone commands

The programmed commands in section 7.6 can be sent to the Unit through any fixed telephone.

Procedure:



Access the telephone line.
(Pick up the phone or press a key if you are using a cordless phone or mobile phone).
Dial the telephone number connected to the unit



with telephone answering *

After listening to the answering machine, press **# #**; the Unit will ask you to type in the user code

* Operation is guaranteed only with local answering machines installed after the Unit

without telephone answering

After the number of ringing signal on answering, the Unit will ask you to type in the user code



Type in the USER CODE (e.g. 00000 set at factory)

If you type in the wrong code, it is possible to cancel the digits by pressing ***** or **#** once and by re-typing in the code



Wrong code

The Unit notifies the error with a vocal message; it is possible to type the code again.
After three unsuccessful tries, the Unit stops the communication

Presentation message



Correct code

The Unit transmits a presentation message and communicates the system status

Type in the Open Web Net Code (e.g. *1*1*3##)

or a simplified Code (e.g. 9912) (see next page)



Listening to the recorded message

8 - Operation

8.6 - Simplified 99 codes

The simplified Code allows the user to send a telephone command to the Unit (among those stored and included in section 7.6) with an easy and quick procedure that does not require typing in the "Open Web Net" code.

The simplified 99 Code Commands can be used with the following functions:

• LIGHTING • CONTROL UNIT • AUXILIARIES • TEMPERATURE CONTROL • ALARMS

The structure of the simplified Code is the following:

BASIC CODE + TYPE OF COMMAND + TELEPHONE COMMAND No.

The number related to the **COMMAND TYPE** should be represented as follows:

1: executes the command corresponding to the set Open code (ON, OFF, etc.);

0: always executes an OFF or DOWN command on the device indicated by the Open code.

FUNCTIONS	BASIC CODE	TYPE OF COMMAND	COMMAND DESCRIPTION	TELEPHONE COMMAND No.
LIGHTING	99	1	Command Open	from 1 to 9
		0	Command OFF	
CONTROL UNIT		1	Command Open	
		0	Command GIÙ	
AUXILIARIES		1	Command Open	
		0	Command OFF	
THERMO		1	Command Open	
		0	Command Open	
ALARMS		1	Command Open	
		0	Command Open	

By using the simplified 99 Code Commands, it is possible – for each stored Open Web Net Code – to execute two different actions (e.g. ON/OFF – UP/DOWN).

Example:

If **Command 1** corresponds to the Open Web Net Code *1*1*2## (ON, entrance lights) by typing the SIMPLIFIED CODE:

9911 - the Unit will execute **ON**

9901 - the Unit will execute **OFF**

All stored telephone commands will get a vocal message answer from the Unit, for example: "command executed" or "**wrong code**". For the first 4 commands, it will also be possible to listen to a message recorded.

8 - Operation

8.7 - Asking for information - code 92

The burglar-alarm Unit, appropriately queried, can provide the following services through the telephone:

- SYSTEM STATUS
- MESSAGE COMMUNICATION
- ROOM LISTENING

by typing in the following codes from the keypad:

CODE	FUNCTION	DESCRIPTION
922	SYSTEM STATUS	<i>communicates messages when:</i> the burglar alarm has been disabled the burglar alarm has been enabled alarm intrusion (only if the alarm is in operation during the call)
921	MESSAGE COMMUNICATION	transmits one's own voice through the loudspeaker installed in the dialling device and/or sound system, if connected
920	ROOM LISTENING	allows rooms listening for 1 minute (max) through the built-in microphone

8 - Operation

8.8 - Replying to a call from the Unit

It is recommended to photocopy and distribute this page to all the telephone numbers that will be called by the Unit in case of an alarm.



Answer the call and wait for the alarm message for 3 seconds (max)



Listen to the message

Antitheft System...



USER CODE **



** All the calls are blocked

ASKING FOR INFORMATION CODE 92

Type the following on the telephone keypad:

9 2 2

SYSTEM STATUS RE-LISTENING

9 2 1

MESSAGE COMMUNICATION

9 2 0

ROOM LISTENING



END COMMUNICATION*

* Pressing a key before hanging up there will be no recalls during the next call cycles

END COMMUNICATION

Example of messages

Antitheft System, warning intrusion alarm.

Antitheft System, warning 24h alarm.

Antitheft System, warning dead battery.

Antitheft System, warning supply lacking.

Antitheft System, warning (technical alarm recorded by user).

9 - Open commands

9.1 - The open web net code

This is a protocol used to swap data and send commands between a remote unit and the Legrand SCS systems. The protocol has been devised to be independent of the means of communication used, considering as a minimum requirement the possibility of using DTMF tones on a normal telephone line.

The code consists of a structure with variable length fields separated by a special character (*) and closed with (##).

The logical structure is the following:

***WHO*WHAT*WHERE*WHEN##**

WHO = determines the type of function or type of system in the house that is interested in the message transmitted; may be of the SCENARIO type (various resources in the house are managed according to the user's needs), LIGHTING type (management of the lighting system), CONTROL UNITS type (management of the automatic systems), ALARMS type (burglar-alarm management) and AUXILIARY type (management of the auxiliary devices).

WHAT = determines the operation to be executed (e.g. (ON, OFF, UP, DOWN), etc.)

WHERE = determines the aggregate of objects involved (e.g. a zone, a group of objects, a specific environment, a single object, etc.)

WHEN = specifies the time period or link to a particular event (e.g. auxiliary command)

The type of commands that can be achieved are the following:

- ACTIVATION / DEACTIVATION:
 - lighting;
 - automation;
 - temperature control
 - impianto antifurto;
 - scenarios;
 - auxiliaries.

- CHECK:
 - burglar-alarm status;
 - status of an SCS actuator (only in case of lighting and control unit functions).

9 - Open commands

DIALLING OF Open Web Net CODE

Determine the value of the **WHO** (function) according to the following table:

WHO	
<i>Function</i>	<i>Value</i>
SCENARIOS	0
LIGHTING	1
CONTROL UNIT	2
TEMPERATURE CONTROL	4
ALARMS	5
AUXILIARIES	9

For each function of the **WHO** table, appropriate **WHAT**, **WHERE** (and **WHEN** , if necessary) tables are determined.

SCENARIOS FUNCTION

WHO	WHAT		WHERE		WHEN	
	<i>Function</i>	<i>Value</i>	<i>Function</i>	<i>Value</i>	<i>Function</i>	<i>Value</i>
0	Scenario pushbutton 1	0	Device N1	01	Not used in this function	
			Device N2	02		
	Scenario pushbutton 2	1	Device N3	03		
			Device N4	04		
	Scenario pushbutton 3	2	Device N5	05		
			Device N6	06		
	Scenario pushbutton 4	4	Device N7	07		
			Device N8	08		
	With scenarios module 0035 51	Up to 16		
			Device N99	99		

Example:

If you want to turn on the entrance lights before getting home, you could send the following Open Web Net code: ***0*4*01*##**

WHO = **0** scenarios, WHAT = **4** activates scenario pushbutton 4, WHERE = **01** unit No.1.



**Before programming the scenarios, make sure that:
the automations are disabled**

the incoming and outgoing calls are disabled (there must not be any remote commands that could affect the programming)

9 - Open commands

LIGHTING FUNCTION

WHO	WHAT		WHERE		WHEN	
	Function	Value	Function	Value	Function	Value
1	OFF	0	General	0	Not used in this function	
	ON	1	Room 1	1		
	ON = 10%	2	Room		
	ON = 20%	3	Room 9	9		
	ON = 30%	4	Light point 11	11		
	ON = 40%	5	Light point		
	ON = 50%	6	Light point 99	99		
	ON = 60%	7	Group 1	#1		
	ON = 70%	8	Group		
	ON = 80%	9	Group 9	#9		
	ON = 90%	10				
	ON timed 1 min	11				
	ON timed 2 min	12				
	ON timed 3 min	13				
	ON timed 4 min	14				
	ON timed 5 min	15				
	ON timed 15 min	16				
	ON timed 30 sec	17				
ON timed 0,5 sec	18					

Example:

To turn ON all lights in the house, the Open Web Net code is: `*1*1*0*##`

WHO = 1 lighting, WHAT = 1 ON, WHERE = 0 general.

QUERYING THE SYSTEM

It is possible to know the status of a system device:
to know the status of the N device in the Z, room, the code is the following:

`*#1*ZN##`

9 - Open commands

FREE TIMING

This command can activate the switching on of a light for a time which the user can define as required; the timing limit is 255 hours, 59 minutes and 59 seconds. This function can also be programmed using the SecurityConfig software.

***#1*ZN*#2*ORE*MINUTES*SECONDS##**

Example:

To switch on Z=2 N=4 light point for 12 hours, 5 minutes, 0 seconds type the following command:

***#1*24*#2*12*5*0##**

AUTOMATION FUNCTION

WHO	WHAT		WHERE		WHEN	
	Function	Value	Function	Value	Function	Value
2	STOP	0	General	0	Not used in this function	
	UP	1	Room 1	1		
	DOWN	2	Room		
			Room 9	9		
			Light point 11	11		
			Light point		
			Light point 99	99		
			Group 1	#1		
			Group		
			Group 9	#9		

Example:

To roll down the room roller shutters (group 4) the Open Web Net code is: ***2*2*#4*##**

WHO = 2 control unit, WHAT = 2 DOWN, WHERE = #4 group 4.

QUERYING THE SYSTEM

to know the status of the N device in the Z, room, the code is the following:

***#2*ZN##**

9 - Open commands

TEMPERATURE CONTROL FUNCTION



The field "When" is not used in this function

WHO	WHAT		WHERE	
4	<i>Function</i>	<i>Value</i>	<i>Function</i>	<i>Value</i>
	Antifreeze	102	Temperature control unit	#0
	Thermal protection	202	Zone 1	#1
	OFF	303	Zone ...	#...
			Zone 99	#99
	<i>Function</i>	<i>Value</i>	<i>Function</i>	<i>Value</i>
	Set the zone automatically	311	Zone 1	#1
			Zone ...	#...
			Zone 99	#99
	<i>Function</i>	<i>Value</i>	<i>Function</i>	<i>Value</i>
	Local release of probe	40	Zone 1	1
			Zone
		Zone 99	99	

WHO	WHAT		WHERE	
4	<i>Function</i>	<i>Value</i>	<i>Function</i>	<i>Value</i>
	Activation of weekly heating program 01	1101	Temperature control unit	#0
	Activation of weekly heating program 02	1102		
	Activation of weekly heating program 03	1103		
	Activation of weekly cooling program 01	2101		
	Activation of weekly cooling program 02	2102		
Activation of weekly cooling program 03	2103			

9 - Open commands



The field "When" is not used in this function

WHO	WHAT		WHERE	
	Function	Value	Function	Value
4	Activation of weekly heating program 01	1201	Temperature control unit	#0
	Activation of weekly heating program ..	12..		
	Activation of weekly heating program 16	1216		
	Activation of weekly cooling program 01	2201		
	Activation of weekly cooling program ..	22..		
	Activation of weekly cooling program 16	2216		
	Activation of the last weekly set-up program	3100		
	Activation of the last set-up scenario	3200		

9 - Open commands



The field "When" is not used in this function

WHO	WHAT		WHERE	
	Function	Value	Function	Value
4	Activation of holiday and return to weekly heating program 01	115#1101	Temperature control unit	#0
	Activation of holiday and return to weekly heating program 02	115#1102		
	Activation of holiday and return to weekly heating program 03	115#1103		
	Activation of holiday and return to weekly cooling program 01	215#1101		
	Activation of holiday and return to weekly cooling program 02	215#1102		
	Activation of holiday and return to weekly cooling program 03	215#1103		
	Activation of holiday and return to general weekly program 01	315#1101		
	Activation of holiday and return to general weekly program 02	315#1102		
	Activation of holiday and return to general weekly program 03	315#1103		

Example:

To activate a holiday and return to the weekly cooling program number 2, the Open Web Net code is:

***4*215#1102*#0##**

WHO = 4 temperature control, WHAT = 215#1102, WHERE = #0.

9 - Open commands



The field "When" is not used in this function

WHO	WHAT		WHERE	
	Function	Value	Function	Value
4	Activation of Vacation mode for "nnn" days with return to weekly heating program 01	13nnn#1101	Temperature control unit	#0
	Activation of Vacation mode for "nnn" days with return to weekly heating program 02	13nnn#1102		
	Activation of Vacation mode for "nnn" days with return to weekly heating program 03	13nnn#1103		
	Activation of Vacation mode for "nnn" days with return to weekly coolinging program 01	23nnn#1101		
	Activation of Vacation mode for "nnn" days with return to weekly coolinging program 02	23nnn#1102		
	Activation of Vacation mode for "nnn" days with return to weekly coolinging program 03	23nnn#1103		
	Activation of Vacation mode for "nnn" days with return to weekly generic program 01	33nnn#1101		
	Activation of Vacation mode for "nnn" days with return to weekly generic program 02	33nnn#1102		
	Activation of Vacation mode for "nnn" days with return to weekly generic program 03	33nnn#1103		
	Deactivate Vacation mode	3000		

In this case "nnn" indicates the number of days from 001 to 255.

Example:

To activate the Vacation mode for 125 days with return to the general weekly program number 3, the Open Web Net code is:

***4*33125#1103*#0##**

9 - Open commands

Setting the end date of vacation/holiday

The Open Web Net code is:

***#4*#0*#30*dd*mm*yyy##**

where "dd" stands for the day, "mm" for the month and "yyy" for the year.

Setting the end time of vacation/holiday

The Open Web Net code is:

***#4*#0*#31*hh*mm##**

where "hh" stands for the time and "mm" stands for the minutes.

Manual temperature setup of a zone

The Open Web Net code is:

***#4*#n*#14*0xyz*m##**

where "n" stands for the zone (0 unit, 1 to 99 zone);

"xyz" stands for the temperature in Celsius degrees (example: 23.5° = 235);

"m" stands for the mode (1 = winter mode, 2 = summer mode, 3 = maintains the unit mode)

9 - Open commands

ALARM FUNCTION

WHO	WHAT		WHERE		WHEN	
	Function	Value	Function	Value	Function	Value
5	Activation	8	Not used in this function		Not used in this function	
	Deactivation	9				

Example:

If the remote control is active (Remote management / Telecontrol AI set on ON or USER), it is possible – from the keypad or by telephone - to activate the burglar alarm by using the Open Web Net code

***5*8##**

or deactivate it with code:

***5*9##**

WHO = 5 alarms, WHAT = 8 activation/ 9 deactivation.

ENTER AND SUB-DIVIDE

The following commands can be used both remotely and in the automation:

***5*8#.....##** (enables the system and changes the division)

***5*9#.....##** (disables the system and changes the division)

Where, instead of the dots, there will be the number of active zones required.

Example:

By entering the command:

***5*8#1256##**

- the system will be enabled (if already enabled, it will remain the same);
- zones 1, 2, 5 and 6 will be active;
- the remaining zones 3, 4, 7 and 8 will be sub-divided.

These commands are useful when it is necessary to change the sub-division status while enabling the system, for example from a connector or most importantly from a transponder reader (in this case, the reader must be configured as a connector).

To carry out automations with the transponder readers, pay attention to the fact that if “connector number 00” is used in the enabling/disabling automation, it will work at every enabling action, from any device.

Instead, using a specific address and enabling from a transponder reader, the automation will occur only if the transponder has MOD=1 and if it has been stored not only in the Unit but also in the reader thereof. In fact, by doing so, the reader acts as a connector.

As for transponders produced from September 2005, this function will also be available in MOD=0.

9 - Open commands

COMMANDS POSSIBLE WITH PORTAL ACTIVE

By activating the portal, it is possible to:

Switch the system ON/OFF.

Have a remote assistance support.

Request the system state.

Request the zone state.

Completely download the event memory.

Also, when the system is switched OFF, the following operations can be performed:

Make a divided Z zone active.

Divide an active Z zone.

Include the N sensor in the Z zone.

Exclude the N sensor of the Z zone.

9 - Open commands

AUXILIARY FUNCTION

WHO	WHAT		WHERE	
	Function	Value	Function	Value
1	OFF	0	AUX channel0	0
	ON	1	AUX channel1	1
	TOGGLE	2	AUX channel2	2
	STOP	3	AUX channel3	3
	UP	4	AUX channel4	4
	DOWN	5	AUX channel5	5
	ENABLE	6	AUX channel6	6
	DISABLE	7	AUX channel7	7
	GEN. RESET	8	AUX channel8	8
	BI RESET	9	AUX channel9	9
	TRI RESET	10		

Example:

To switch ON the heater on AUX = 2, the Open Web Net code is:

***9*1*2##**

WHO = 9 auxiliaries.

WHAT = 1 ON.

WHERE = 2 AUX channel 2.



The AUXILIARY CHANNEL number can be obtained from the burglar-alarm diagram; it shall be identical to the number of the configurator placed in the AUX housing of the actuator relay connected to the device (see actuator relay instructions sheet of the SCS anti-intrusion system).

Appendix

Technical data

Power supply	from SCS bus: 18 – 28 V
Absorption	Stand-by: 55 – 90 mA Max
Operating temperature	5 – 40 °C
Telephone line	DTMF/PULSES
Dimension	L= 125 mm; H= 128 mm; P= 31 mm
Connection to line	Double wire with telephone pair
Selection system	Only with selection in DTMF multifrequency
Degree of protection	IP 30
Teleph. numbers that can be stored	Jolly number +10
Telephone command number	9 with the simplified commands
OPEN-SCS interface	for WHO = 0, 1, 2, 4, 5, 9

The Burglar Alarm 5739 34/35 is totally programmable from a PC with SecurityConfig software; this application lets you:

- Update the Unit firmware.
- Personalise all vocal messages.
- Program all parameters.

Standard references

The Item in this manual is provided with the CE Conformity Declaration according to the requirements shown below:

Legrand declares that the product, Item:

5739 34/35

is in compliance with the essential requirements of the 2006/5/CE directive, as it complies with the following standards:

**EN60950 EN50081-1 EN50082-1 EN50130-4 EN50130-5
ETSI TBR21 ETSI ES 201187 V1.1.1**

CE mark year, according to the specified directive: 2008

More information concerning reference standards can be found at:

www.legrandelectric.com

How to solve possible problems

PROBLEM	SOLUTION
It is not possible to record/listen to recorded messages and display information	<p>Remove the unit from the base (sect. 3.4); Set the Unit to maintenance mode (OFF switch); press the reset push-button located at the back of the unit. The reset will cancel the date and hour</p>
The Unit does not make the telephone call	<p>Make sure that the telephone line IN is connected to the terminals  and that the telephone line OUT is connected to the terminals  on the back of the Unit.</p> <p>Check the stored telephone numbers and, in the Telephone functions menu, that Call has not been set on OFF</p>
Loss of installer code	<p>Make sure the system is off. Remove the Unit from base. This operation will produce an alarm. Switch the slide switch ON the back of the Unit in OFF position. Press the reset pushbutton, the Unit is switched to "Maintenance" mode. It is now possible to read the password by accessing the submenu "Maintenance Code"</p>
Loss of user code	<p>Reprogram the Control unit with SecurityConfig</p>
The Control unit makes the telephone call but does not send a vocal message	<p>Make sure that the setting in: "Communicator/Tel. functions/ Protocol" is OFF</p>

Note



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Legrand reserves at any time the right to modify the contents of this booklet and to communicate, in any form and modality, the changes brought to the same.



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