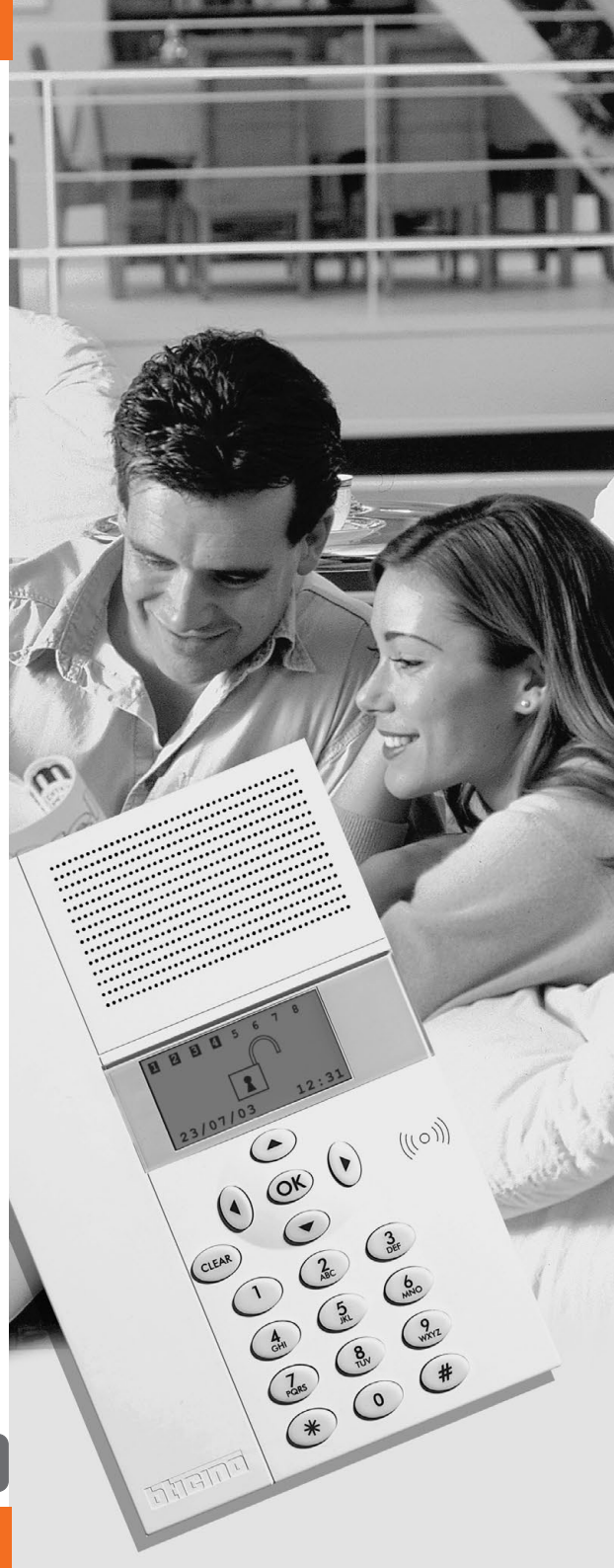


Burglar-alarm Unit

art. 3486

bticino

Installation manual



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1 INTRODUCTION

1.1 REMARKS AND RECOMMENDATIONS

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.

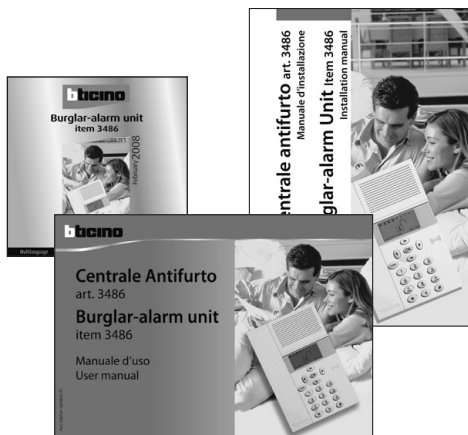
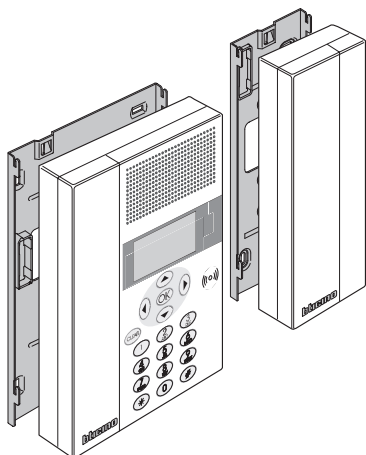
Do not position the unit or antenna in places where the GSM signal reception could be difficult (make sure there is a signal with the aid of a GSM mobile phone).

Before disconnecting the antenna or removing the SIM Card, make sure that the unit is not powered in any way; switch off the burglar alarm system and disconnect the battery.

1.2 CONTENTS OF PACKAGE

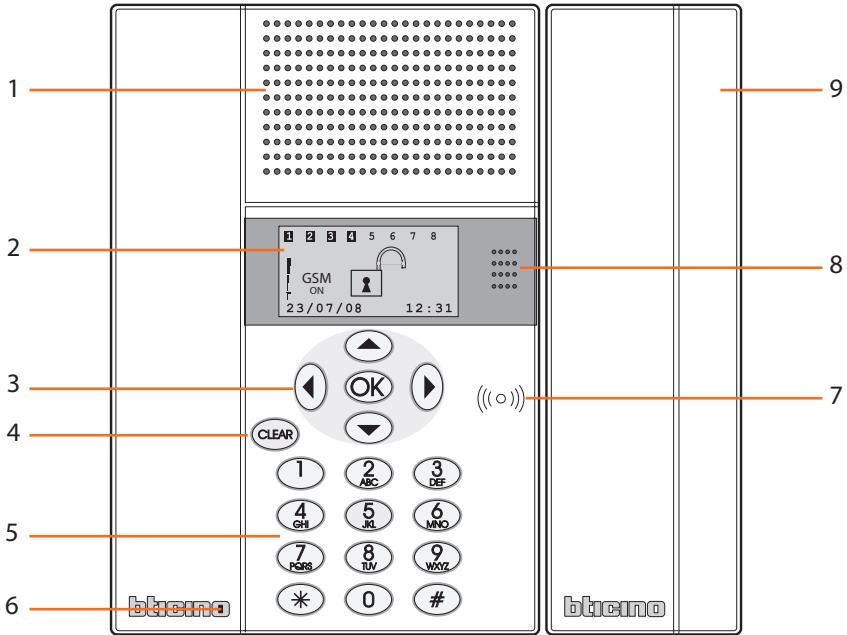
The unit package contains:

- Burglar-alarm unit with dialling device item 3486
- container with antenna and 1.5 meters of cable
- metal bases for wall-mounting installation
- installation manual
- user manual
- CD-ROM containing TiSecurityGSM software and manuals in PDF format



2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.1 OVERVIEW



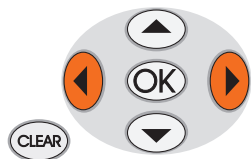
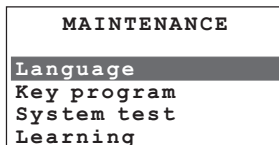
- 1- Loudspeaker:** allows listening to the recorded messages and the scattering of room vocal messages by telephone.
- 2- Graphic display:** displays the messages that can control programming operations and events that have previously taken place (more information on the next page).
- 3- Navigation keypad:** lets you navigate through the menus and enables the confirmation or cancellation of programming operations.
- 4- CLEAR key:** lets you escape from the current menu and from the programming.
- 5- Alphanumeric keypad:** allows manual entering of all programming operations that require the use of numbers and/or symbols.
- 6- Microphone:** used for recording the messages and for remote room monitoring by telephone.
- 7-Transponder reader:** receives the ON/OFF commands of the burglar-alarm system directly from the transponder keys.
- 8- IR infrared receiver:** receives the ON/OFF commands sent from the burglar-alarm system remote control.
- 9- GSM Antenna:** The antenna is connected to a 3 meter cable provided with a connector. **Connect/disconnect the antenna after switching off the power and after disconnecting the battery of the unit.**

2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

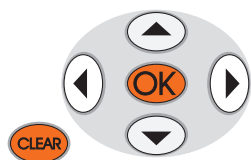
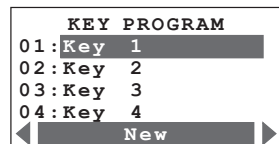
2.2 NAVIGATION KEYS



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



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



OK - Key for entering the displayed selection or data

CLEAR - 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.

2.3 ALPHANUMERIC KEYPAD

Writing the text

- ✓ Press a numeric key several times until the required character is displayed; if the required letter is near the same key as the present letter, wait until the cursor moves
- ✓ To enter a space, press **0**
- ✓ To move the cursor, use keys **◀ ▶**
- ✓ To delete a letter, position the cursor over it with the keys **◀ ▶** and press **0**
- ✓ To change from lower case to upper case, hold down the pushbutton when the required character is displayed. The next characters will be upper case; the procedure is the same to go back to lower case
- ✓ By pressing a key several times, the following characters will be displayed:

1 ., - / : ' ? 1

4 **ghi4îî**

7 **pqrs7**

2 **abc2 à á â ã ä å ç**

5 **jk15**

8 **tuv8ùù**

3 **def3 è é ê**

6 **mno6 ó ö ö**

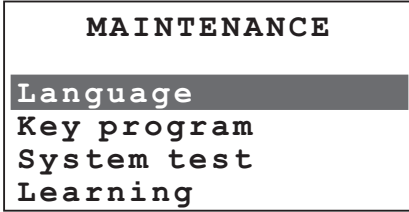
9 **wxyz9**

0 **space + = * # 0**

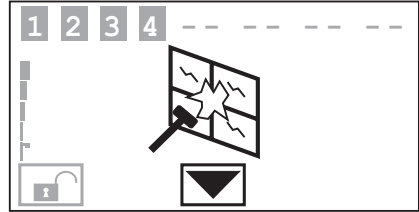
2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.4 DISPLAY

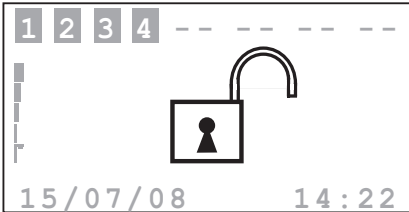
First start



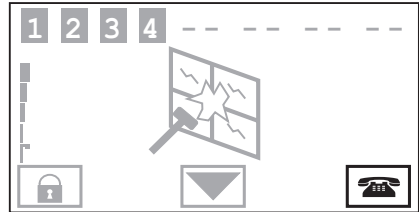
Burglar alarm / 24 hours



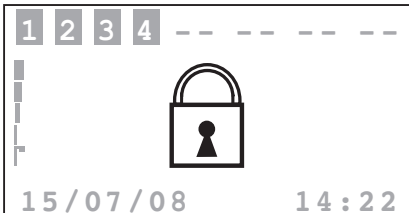
System OFF



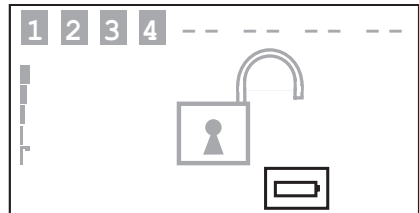
Telephone call in progress on the PSTN channel



System ON



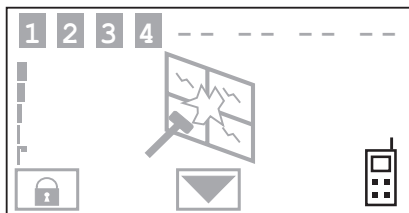
Unit battery dead or damaged



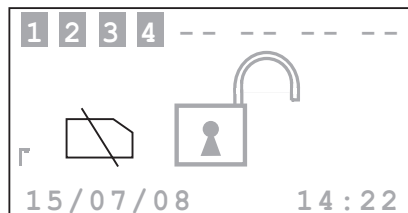
2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.4 DISPLAY

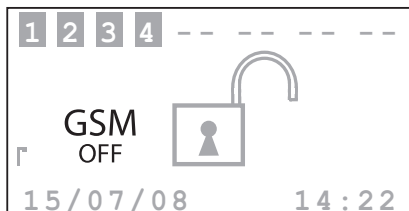
GSM call in progress



SIM card missing or disabled*



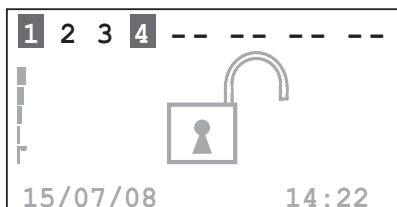
GSM device OFF



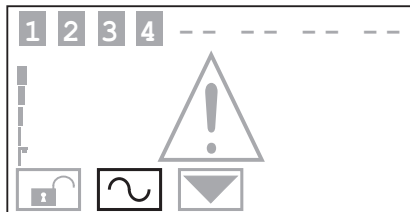
Wrong PIN code



Zones 2 and 3 disabled



Power line voltage failure



* Generic alarm. It indicates a technical type alarm, a notification of a non system battery (or device) fault, a tampest notification with the system disarmed or disconnection of the PSTN line.

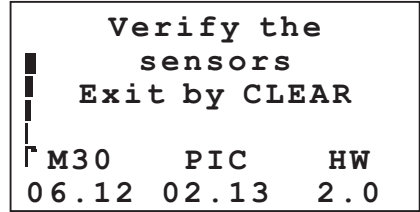
2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.4 DISPLAY

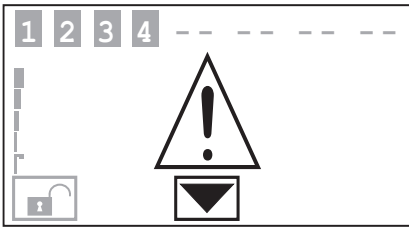
Division scenario



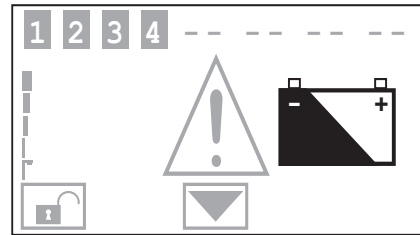
System test




General alarm*

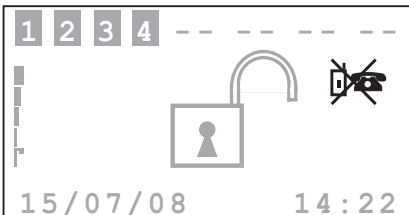


System battery dead

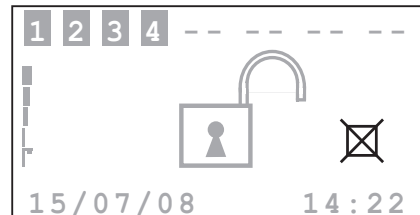



* General alarm, indicates a technical alarm, a signal of a non-system battery (or radio device) fault or a tamptest signal with the system switched OFF.


 All telephone calls disabled




 Sensor disabled



 GSM calls disabled

 PSTN calls disabled

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

2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.5 MAIN FUNCTIONS

General features

- ✓ Burglar-alarm unit with integrated telephone dialling device (on GSM and PSTN line)
- ✓ self-learning of the system and configuration display
- ✓ controllable from the IR remote control, 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
- ✓ notification that the PSTN telephone line has been cut
- ✓ connection with surveillance control units by means of "Ademco Contact ID" protocol with possibility of setting Ademco parameters remotely
- ✓ block for 1 minute of the possibility of switching ON/ OFF or access to the navigation menu, if there is a 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 My Home 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

2.5 MAIN FUNCTIONS

- ✔ 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

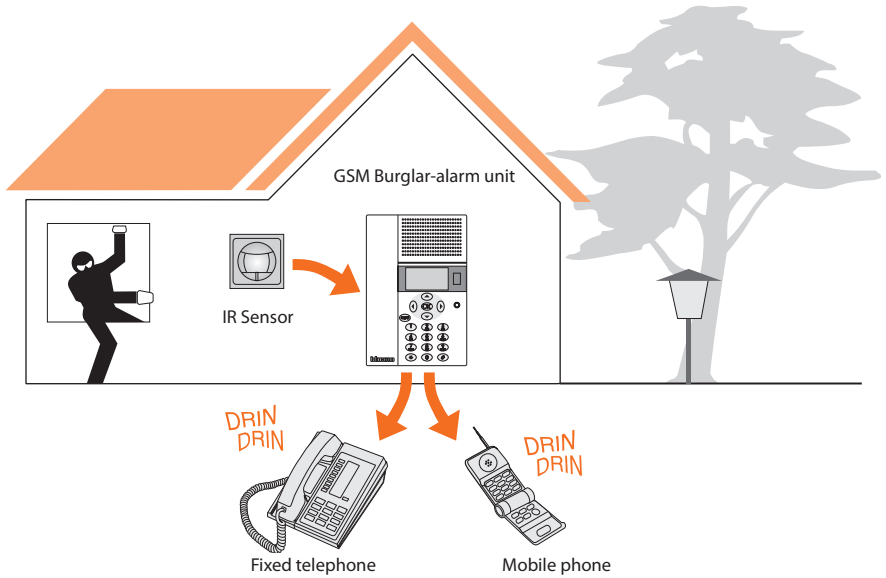
Provides bi-directional communication between the user and the home automation My Home system.

- ✔ 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 My Home portal and makes available the My Home 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.

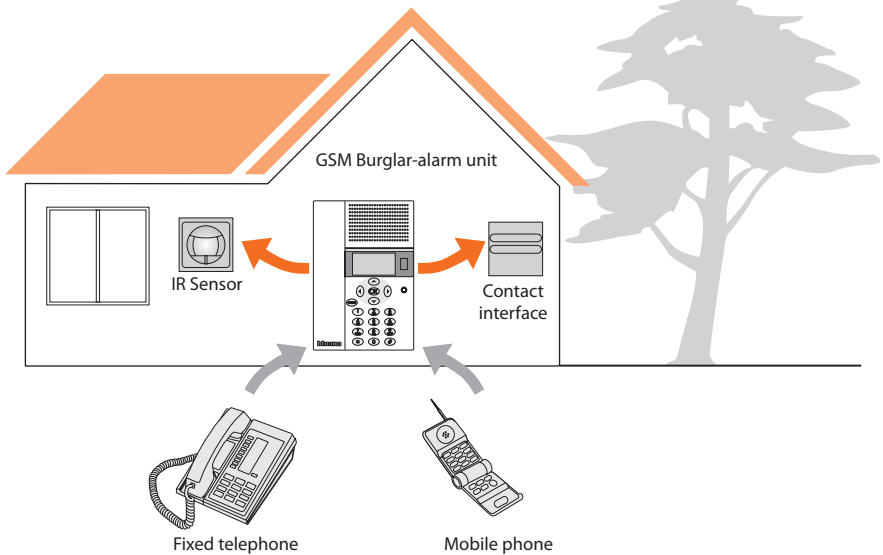
2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.6 EXAMPLES ON HOW TO USE THE BURGLAR-ALARM UNIT

Example 1: intrusion alarm

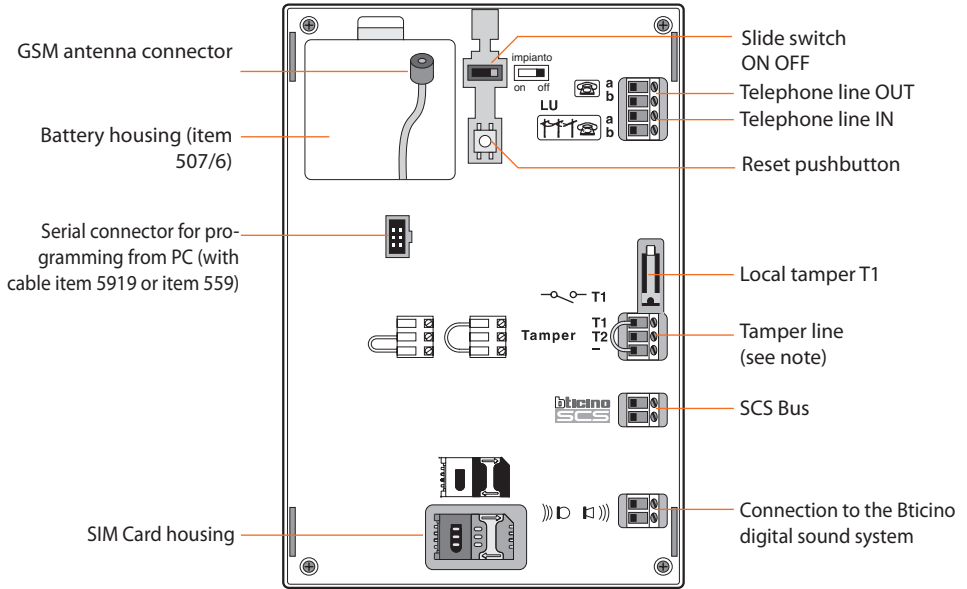


Example 2: enabling/disabling the burglar alarm upon user's request



3 INSTALLATION

3.1 BACK VIEW OF UNIT

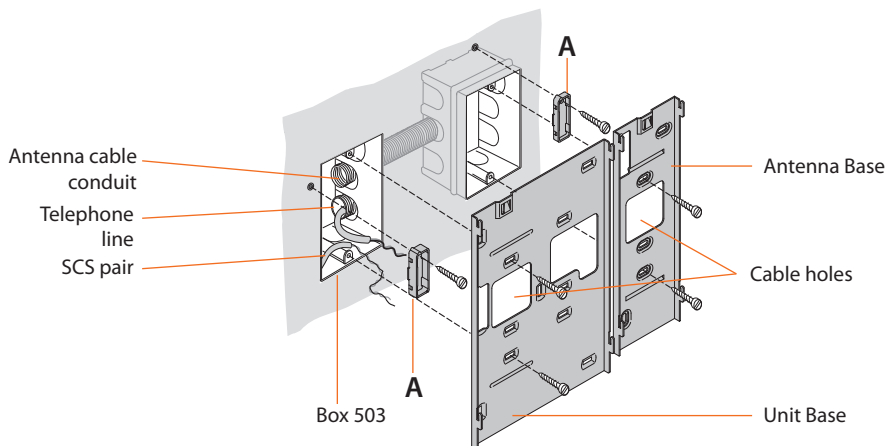


NOTE: The Unit is supplied with tamper line terminals (- / T1) circuited for using the local tamper T1 (wall-mounting installation with metal base); for installation in Multibox boxes an NC circuit breaker must be connected to the - / T1 terminals for the tamper function; or short-circuit terminals - / T2: in this case the Unit will not be protected against tampering.

3 INSTALLATION

3.2 INSTALLATION WITH SUPPLIED METAL BASES

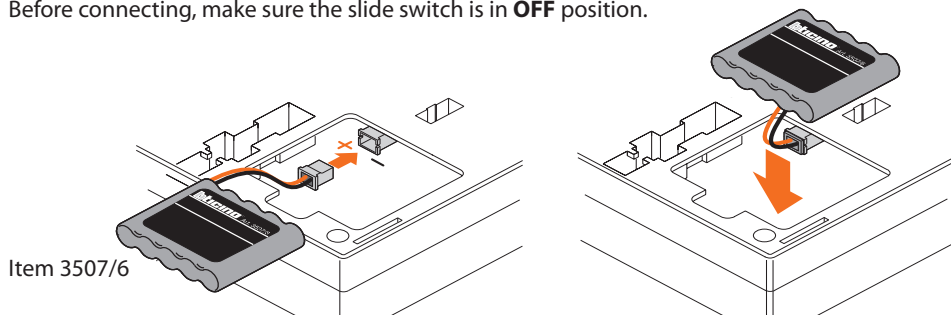
Fasten the bases to the wall as shown in the picture (the antenna module **must be installed on the right hand side of the Unit**).



If the signal reception is not optimal, the antenna can also be installed in another position by making use of the 1.5 meter connection cable (and possibly the 3.5 metre extension item 3483). In this case, use a special line as it is not possible to use tubes or flush-mounting boxes – in which there is an existing power line voltage – for both the cable and the antenna.

3.3 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.

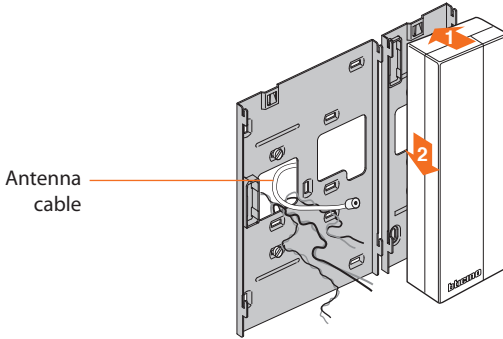


 **When leaving the system in maintenance for a long time, it is recommended that the battery is disconnected to avoid damage.**

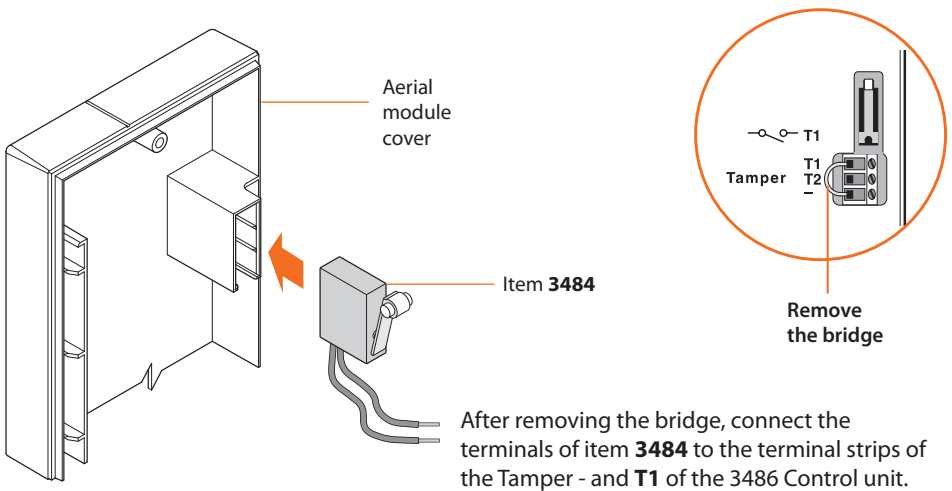
3 INSTALLATION

3.4 INSTALLING THE ANTENNA MODULE AND THE UNIT

After installing the bases, pull the antenna cable through the appropriate cable opening of the Unit base, then fasten the container of the antenna to its base.

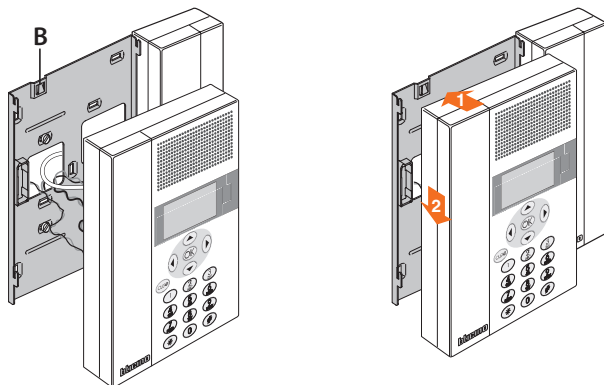


After fastening the base and making all connections, fasten the Unit. Be careful not to damage the wires.



3 INSTALLATION

Note: Before fastening the burglar-alarm unit, make sure the slide switch on the back is in **ON** position.

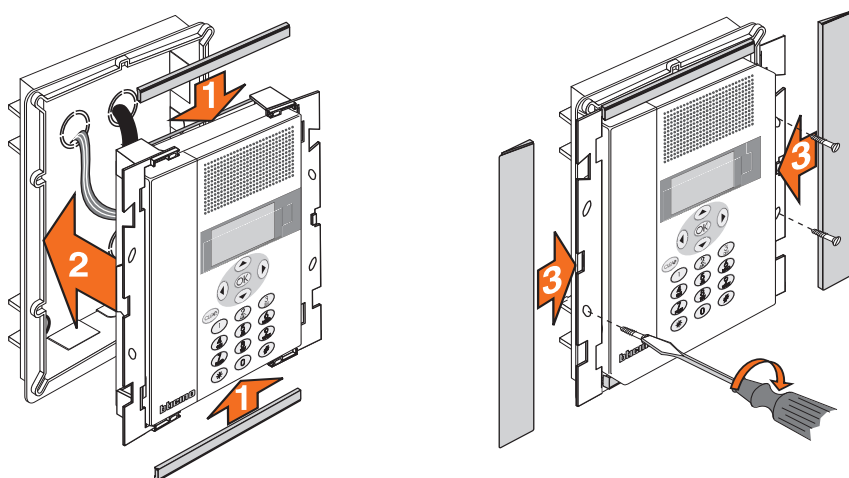


To remove the Unit from the base, lower wing **B** and push upwards.

3.5 INSTALLATION IN MULTIBOX BOX

Installation in Multibox box is performed following the figures.

Note: Before fastening the burglar-alarm unit, make sure the slide switch on the back is in **ON** position.



NOTE: The Unit is supplied with tamper line terminals (- / T1) circuited for using the local tamper T1 (wall-mounting installation with metal base); for installation in Multibox boxes an NC circuit breaker must be connected to the - / T1 terminals for the tamper function; or short-circuit terminals - / T2: in this case the Unit will not be protected against tampering.

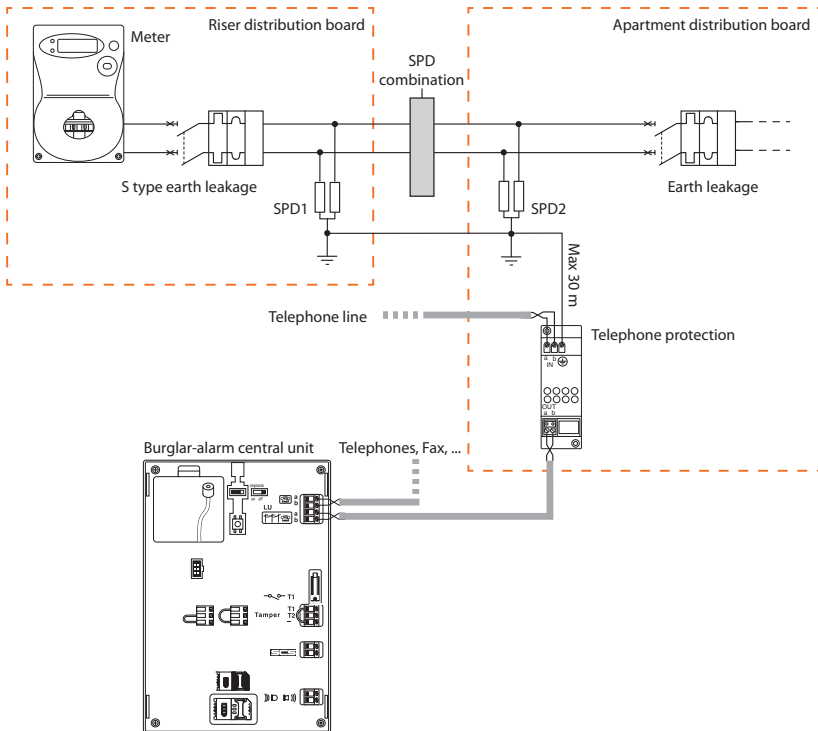
3 INSTALLATION

3.6 CONNECTING THE TELEPHONE LINE

The Burglar-Alarm central unit must be the first element of the internal telephone system. Therefore, it must be connected before any other devices (telephone, fax, or answering machine).

It is good practice to protect the electric system from lightning using class II SPD voltage discharge devices as shown in the diagram.

In particular, for the protection of the burglar-alarm central unit from telephone line overvoltage, the use of the appropriate PLT1 device (supplied) is necessary, ensuring that the corresponding grounding clamp of the SPD discharge device found in the apartment control board and marked with "ground" is connected (see diagram). The connection must have as low an impedance as possible; the conductor must have a minimum section of 2.5 mm², and a maximum length of 30 metres.



Check that the contract with the fixed line provider allows the use of an DTMF tone device (such as Faxes and Answering machines). Otherwise get in touch with them.

Warning: failure to install the protections indicated will make the burglar-alarm central unit void.

3 INSTALLATION

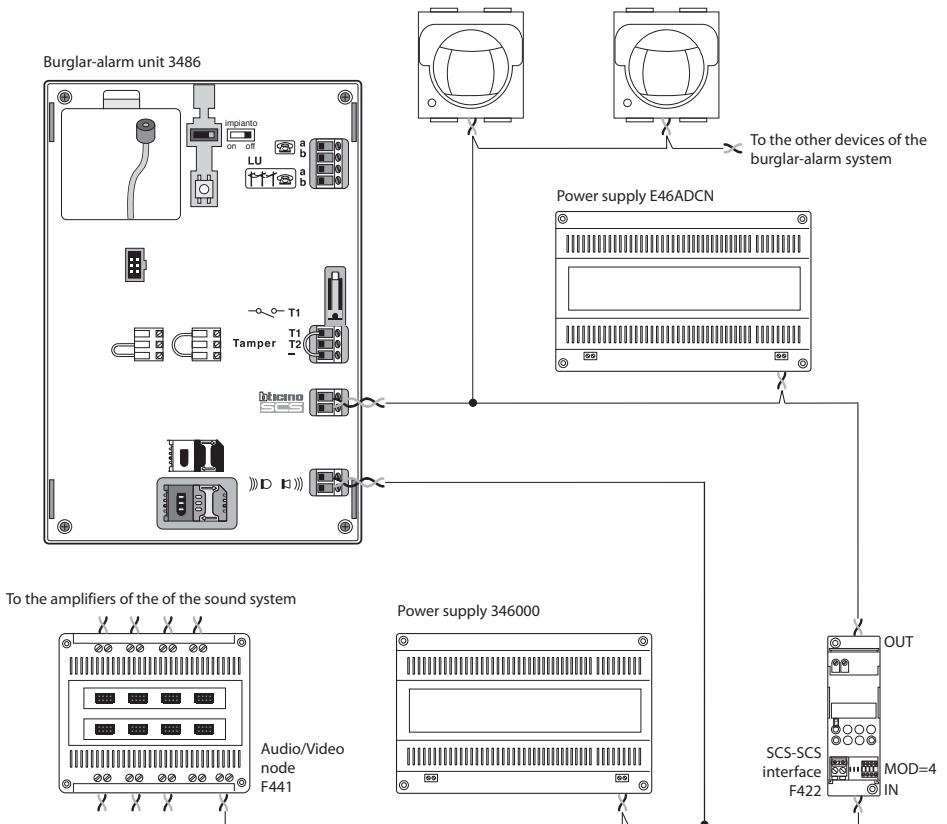
3.7 CHECK THE OPERATION AND MAINTENANCE OF THE TELEPHONE LINE PROTECTION DEVICES (PLT1)

The PLT1 is subject to degradation owing to its function of protecting against lighting strikes. Check that it is working correctly if there are problems on the PSTN. Any malfunctioning of the PLT1 indicates that there have been lighting strikes or in any case a surge on the PSTN line.

If there are problems on the PSTN telephone line verify that the PLT1 protection and any other telephone devices on the line (fax, modem etc.) are working correctly; temporarily disconnect all the devices (apart from the control unit) and check that control unit 3486 is receiving and sending telephone calls correctly.

Like all protection devices the PLT1 also requires regular inspections and checks; it should in any case be replaced at least every 5 years of use.


3.8 EXAMPLE OF HOW TO CONNECT THE SOUND SYSTEM





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 CLEAR twice to escape from the maintenance menu
- select Dialling device - GSM Management menu and enter the PIN code
- go to the main screen by holding down CLEAR, switch off the unit and disconnect the battery
- insert the SIM card
- connect the battery again and switch the Unit back on again; wait for the battery to be charged (icon  OFF)

Note: This operation may require up to 12 hours if the battery is completely exhausted.

- make sure there is a line connection
- wait about one minute; during this time, the  or  icons might be displayed. After one minute, both icons should disappear; if they do not disappear, check the PIN code or check if the SIM card is disabled by inserting it in a mobile phone.
- go back to the maintenance menu
- test the system by verifying the sensors
- verify the GSM signal reception level
- program any scenarios
- program an IR remote control, a transponder key or a numeric code
- enter hour and date
- edit the names of the zones, devices and division scenarios

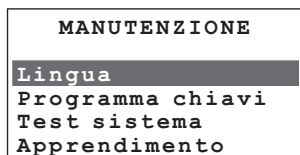


If the control unit battery is flat the GSM module does not work

4 FIRST ACTIVATION

4.1 SELECTING THE LANGUAGE

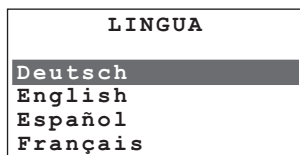
Use this function if the language set at the factory is not the one you need.



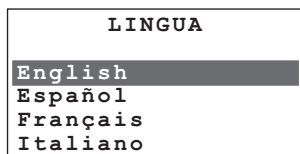
When switching ON the first time, the Language menu is already selected



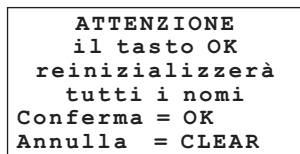
Enter by pressing **OK**



Choose required language



Enter by pressing **OK**



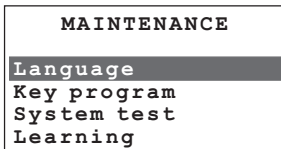
A check page is displayed, which allows you to choose if you want to reinitialize all set names



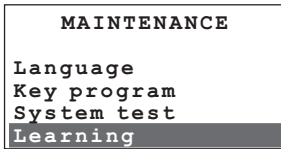
4 FIRST ACTIVATION

4.2 LEARNING

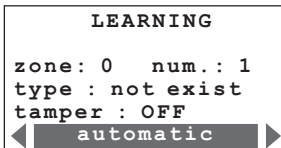
This function makes the burglar-alarm unit recognize all devices included in the burglar-alarm system, hence identifying its classification (IR sensor, internal siren...etc.) and assigned zone. The configuration is stored by the Unit and can be edited according to the current requirements.



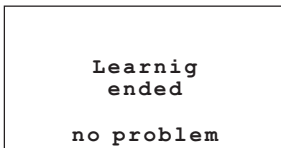
Select **Learning**



Press **OK** to enter



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 CLEAR, press OK and, with the side

arrow, go to the manual configuration and check

the device showing “Tamper: ON” with the down

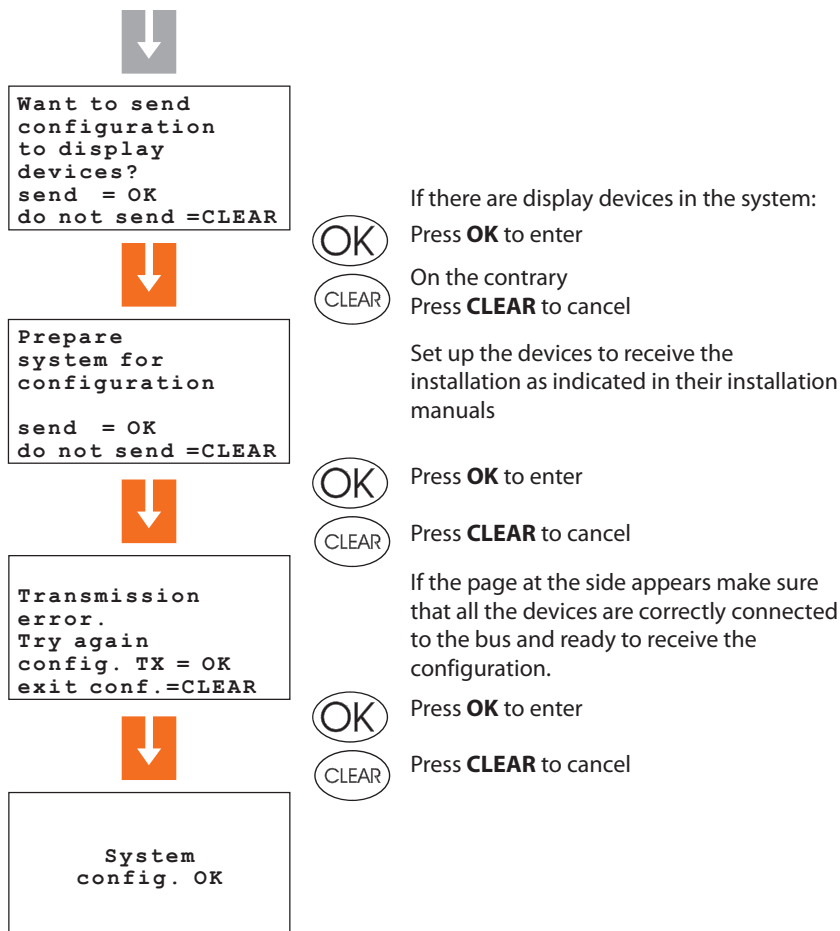
arrow. Eliminate the problem and repeat the

automatic learning function)

4 FIRST ACTIVATION

4.2 LEARNING

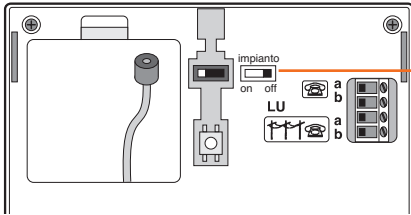
At the end of the system learning the request to send the configuration to display devices (e.g. Keypad connector with display) appears. This will let the devices not only show the alarm-given signal but also indicate the zone and the sensor which detected it.



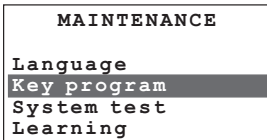
If the system is modified, by adding or removing devices, it will be necessary to perform the self-learning procedure in **Update** mode, in order to update the configuration of the system saved by the central unit.

4 FIRST ACTIVATION

4.3 ESCAPING FROM THE MAINTENANCE MENU



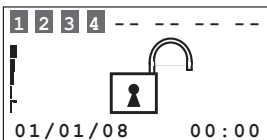
Flip the slide switch to **ON**



Press **CLEAR** to escape from the Maintenance menu



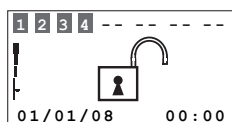
Hold down **CLEAR** to go back to the first screen



4 FIRST ACTIVATION

4.4 ENTERING THE PIN CODE

The PIN code and the SIM card is given by the telephone carrier; the GSM device will function properly only if the code has been entered correctly; if the code does not match the one used for the SIM card, "PIN error" will be displayed

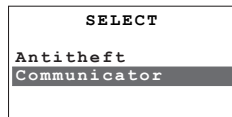


Press **OK**

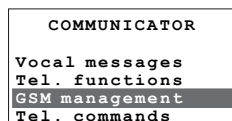


Enter the **User Code** 00000
or **Maintenance Code** 00000

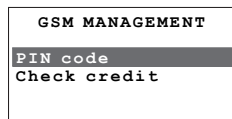
Note: in the factory setting the user and maintenance codes coincide and are both: **00000**. In this case one always has access to all the programming menus; to modify the maintenance code see section 6.9.



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



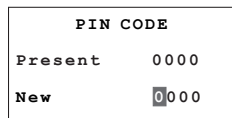
Select GSM Management and press **OK** to enter



Enter PIN Code

Enter the PIN code supplied with the SIM card

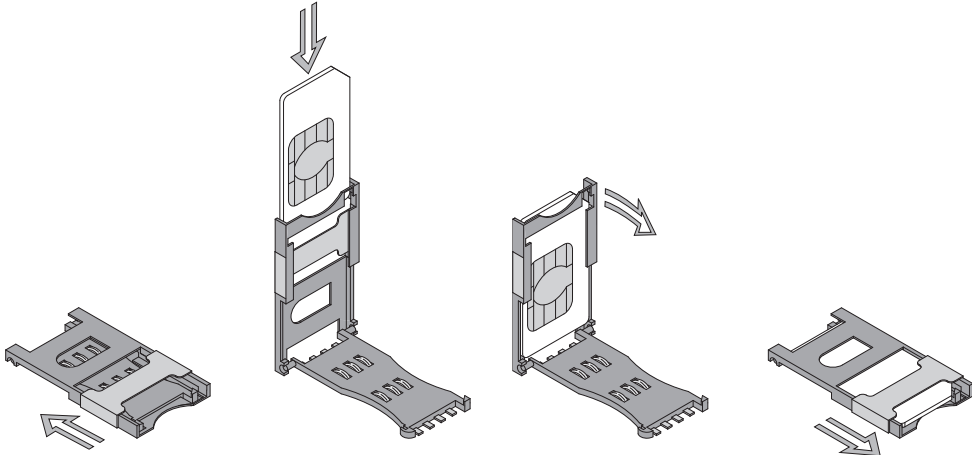
Enter **OK** and hold down **CLEAR** to go back to the first screen



4 FIRST ACTIVATION

4.5 INSERTING THE SIM CARD

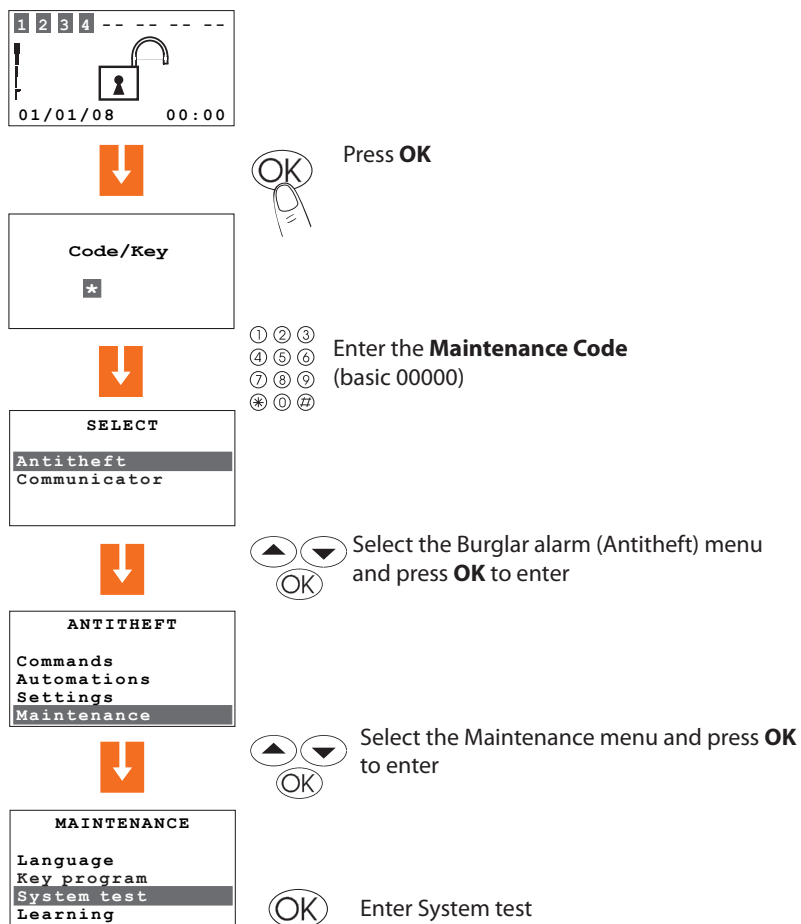
Inserting or removing the SIM Card can be carried out only after switching off the unit and after disconnecting the battery.



4 FIRST ACTIVATION

4.6 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; furthermore, it verifies the reception level of the GSM signal.



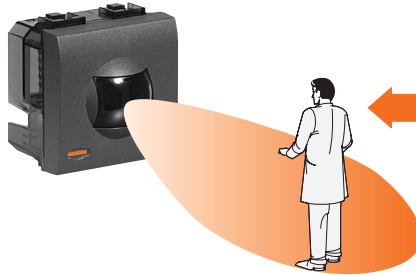
After checking the system, escape from the Maintenance menu as described in par. 4.3

4 FIRST ACTIVATION

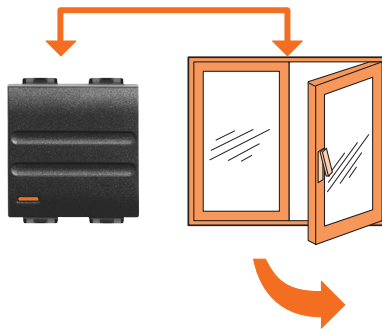
4.6 SYSTEM TEST

Execute the checks as shown below:

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

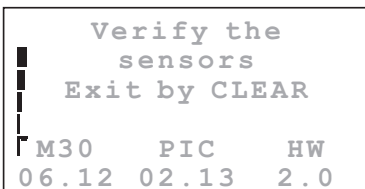


The red LED of the contact interface should light up when opening the windows or entrance door

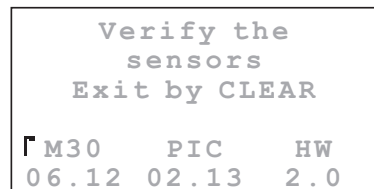


Check the GSM signal reception level on the unit display

Good reception



No signal



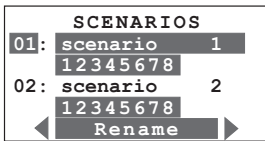
4 FIRST ACTIVATION

4.7 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.

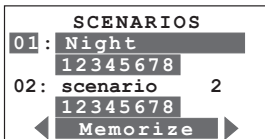
Select **Scenarios** from the Maintenance menu



Select function **Rename** with the ◀ ▶ keys



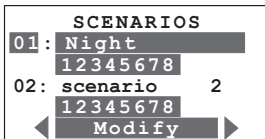
Press **OK** to enter



Type a name which identifies the scenario



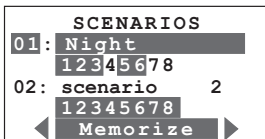
Press **OK** to enter



Select function **Modify** with the ◀ ▶ keys



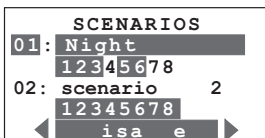
Press **OK** to enter



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



Press **OK** to enter



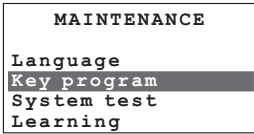
When the scenarios have been customised, hold down the **CLEAR** pushbutton until the initial page appears



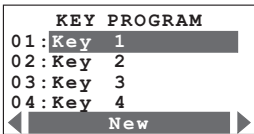
4 FIRST ACTIVATION

4.8 KEY PROGRAM - REMOTE CONTROL

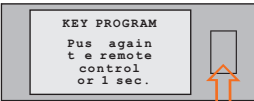
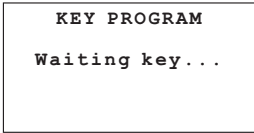
Select **Key Program** from the Maintenance menu



Press **OK** to enter

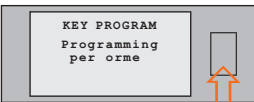


Press **OK** again



Place the remote control transmission lens against the unit receiving lens in order to keep them perfectly aligned.

Whenever the remote control 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.



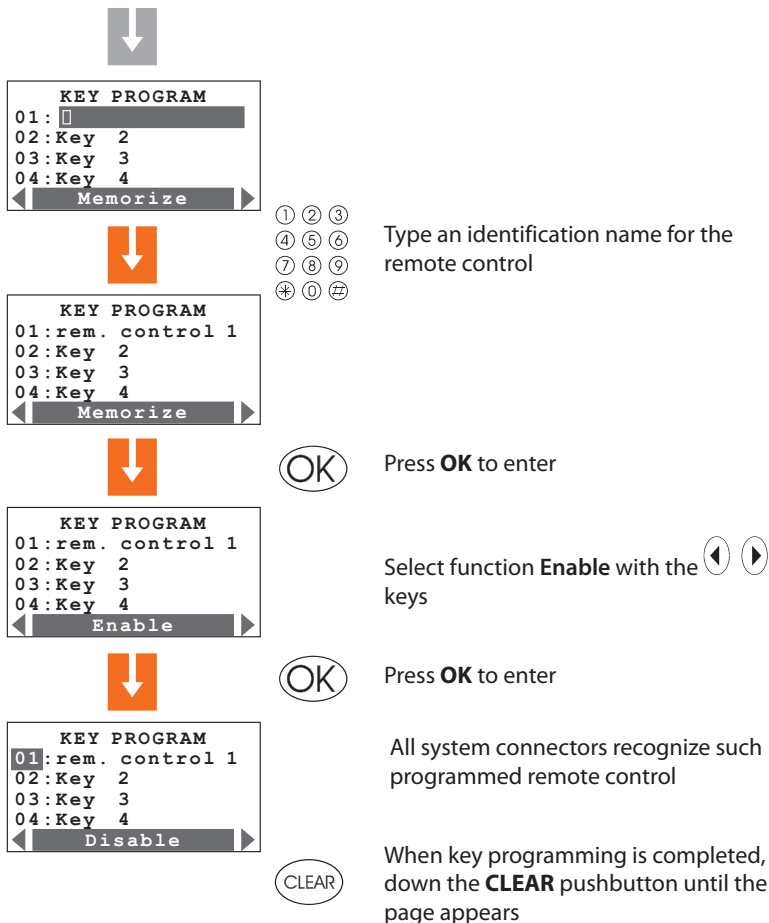
Press the remote control key again until the programming is completed



NEXT

4 FIRST ACTIVATION

4.8 KEY PROGRAM - REMOTE CONTROL



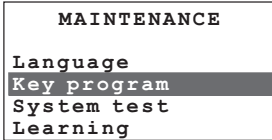
Notation on remote control use:

to enable or disable the burglar alarm, direct the remote control towards the burglar-alarm unit at a distance of no more than 30 cm and press the remote control pushbutton.

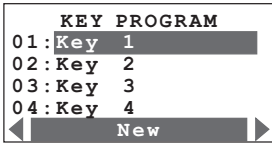
4 FIRST ACTIVATION

4.9 KEY PROGRAM - TRANSPONDER

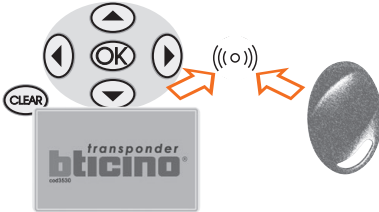
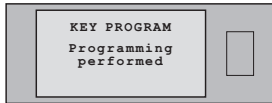
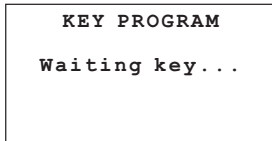
Select **Key program** from the Maintenance menu



Press **OK** to enter



Press **OK** again

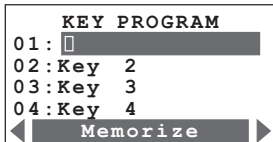


NEXT

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.

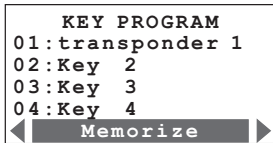
4 FIRST ACTIVATION

4.9 KEY PROGRAM - TRANSPONDER

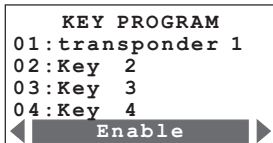


- ① ② ③
- ④ ⑤ ⑥
- ⑦ ⑧ ⑨
- * ⑩ #

Type an identification name for the transponder



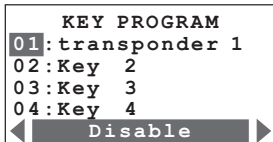
Press **OK** to enter



Select function **Enable** with the keys



Press **OK** to enter



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



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

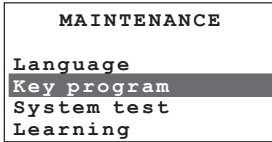
Notation on transponder use:

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.

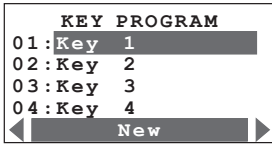
4 FIRST ACTIVATION

4.10 KEY PROGRAM - NUMERIC CODE

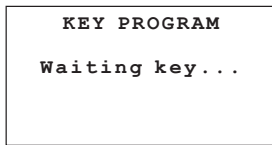
Select **Key program** from the Maintenance menu



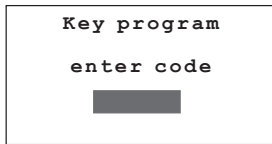
Press **OK** to enter



Press **OK** again



Press the ***** key

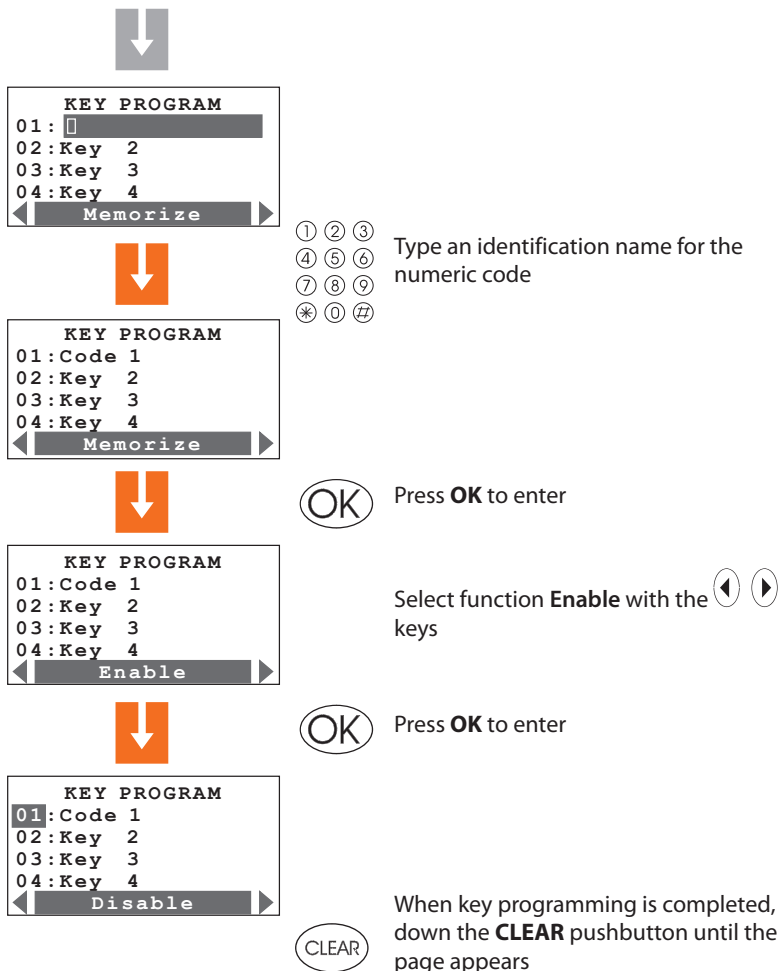


Type the 5-figure numeric code; whenever the code has already been used the control unit will return to the list of keys showing the existing one in case you want to modify it.

NEXT

4 FIRST ACTIVATION

4.10 KEY PROGRAM - NUMERIC CODE



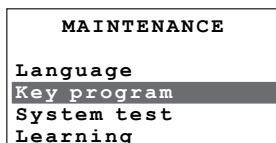
Notation on numeric code use:

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

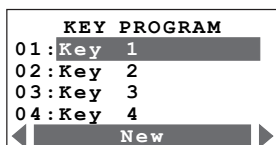
4 FIRST ACTIVATION

4.11 KEY PROGRAM - RADIO REMOTE CONTROL

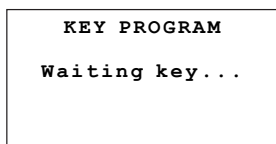
Select **Key program** from the Maintenance menu



Press **OK** to enter



Press **OK** again



NEXT

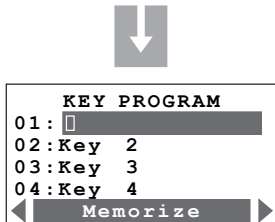
Press one of the radio remote control keys. Whenever the remote control has already been saved the control unit will return to the list of keys showing the existing one in case you want to modify it.



To use the radio remote control (item 348220) you must have installed the radio receiver item L/N/NT/HC/HS 4618.

4 FIRST ACTIVATION

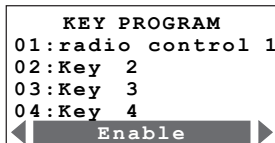
4.11 KEY PROGRAM - RADIO REMOTE CONTROL





Type an identification name for the remote control



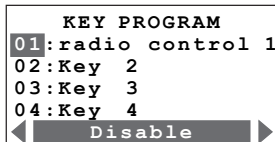
Press **OK** to enter



Select function **Enable** with the   keys



Press **OK** to enter



The remote control so programmed will be recognised by all the system connectors



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

Notation on remote control use:

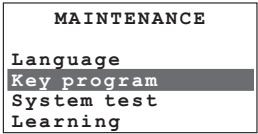
to switch the burglar-alarm system ON press key 1 of the radio remote control, to switch it OFF press key 2.

4 FIRST ACTIVATION

4.12 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.

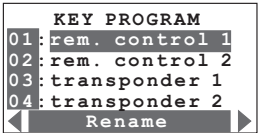
In the case of access limitation to just some zones of the system, the key cannot switch ON, OFF and modify the system division.



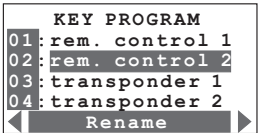
Select **Key program** from the Maintenance menu



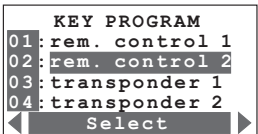
Press **OK** to enter



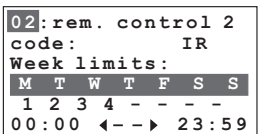
Select the key to limit using the keys



Select function **Select** with the keys



Press **OK** to enter



With the numeric keys select the days when the key cannot be used. (1=Monday; 2=Tuesday etc.)

NEXT

4 FIRST ACTIVATION

4.12 KEY LIMITATION



```
02:rem. control 2
code:      IR
Week limits:
M - W - F - -
1 2 3 4 - - - -
00:00 <- -> 23:59
```

The use of the key has been limited to Monday, Wednesday and Friday



Press **OK** to enter

```
02:rem. control 2
code:      IR
Week limits:
M - W - F - -
1 2 3 4 - - - -
00:00 <- -> 23:59
```



Press the numeric keys corresponding to the zones which must not be activated by the key



```
02:rem. control 2
code:      IR
Week limits:
M - W - F - -
1 2 - 4 - - - -
00:00 <- -> 23:59
```

Or, using the keys select one of the 16 available scenarios

When switching the system ON, the key will only activate zones 1, 2 and 4



Press **OK** to enter

```
02:rem. control 2
code:      IR
Week limits:
M - W - F - -
1 2 - 4 - - - -
00:00 <- -> 23:59
```



Type the time when the time band in which the key will be enabled starts and ends



```
02:rem. control 2
code:      IR
Week limits:
M - W - F - -
1 2 - 4 - - - -
09:00 <- -> 13:00
```



The key can be used from 09:00 to 13:00

Press **OK** to enter



Press **CLEAR** to return to the page which presents the list of keys

4 FIRST ACTIVATION

4.13 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
    
```



Enter **Burglar alarm (Antitheft)**

```

ANTITHEFT
Scenarios
Zones
Devices
Event memory
    
```



Select **Date and hour**

```

ANTITHEFT
Zones
Devices
Event memory
Date and hour
    
```



Enter

```

DATE and HOUR
hour: 00:00
date: 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)

```

DATE and HOUR
hour: 14:22
date: 25/03/08
Saturday
SLAVE
    
```

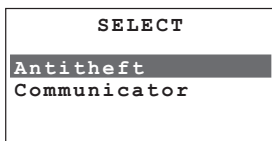


Press **OK** to enter, the day of the week is automatically updated

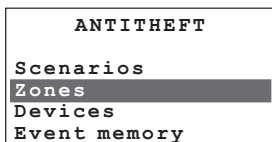
4 FIRST ACTIVATION

4.14 RENAMING THE ZONES

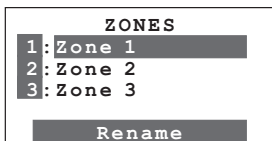
The Unit allows assigning an appropriate identification name to each zone, for instance “zone 1” could be used for “entrance” or “zone 3” for “outer zone”, etc.



Enter **Burglar alarm (Antitheft)**

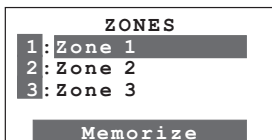


Select and enter **Zones** menu

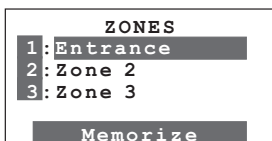


Enter selection

Use keys to select the zone you want to rename



Use the alphanumeric keypad (section 2.3) to type the zone name (e.g. entrance)

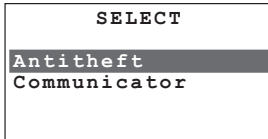


Press to memorise

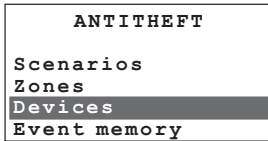
4 FIRST ACTIVATION

4.15 RENAMING THE DEVICES

Just like the zones, a name can be also assigned to each device for easier identification.



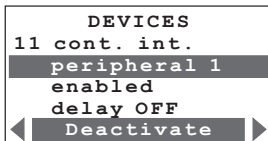
Enter **Burglar alarm (Antitheft)**



Use the keys to select **Devices**



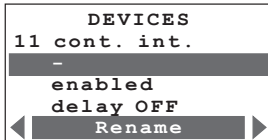
OK to enter



Use the keys to select the device you want to rename



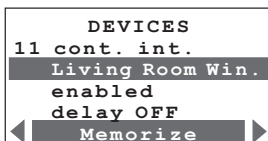
Enter selection



Use keys to select the Rename function and press



Use the alphanumeric keypad (section 2.3) to type the device name (e.g. Living room window)



Press **OK** to memorise

5 PROGRAMMING

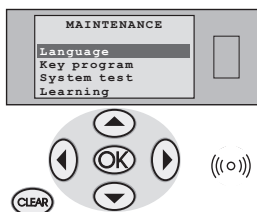
5.1 PROGRAMMING FROM PERSONAL COMPUTER

Type of program

The Unit can be programmed by using the TiSecurityGSM software. Programming from a PC requires a cable, item 335919 or item 3559, for the connection between the Unit 6-way connector and a PC serial port.

Connection is carried out as follows:

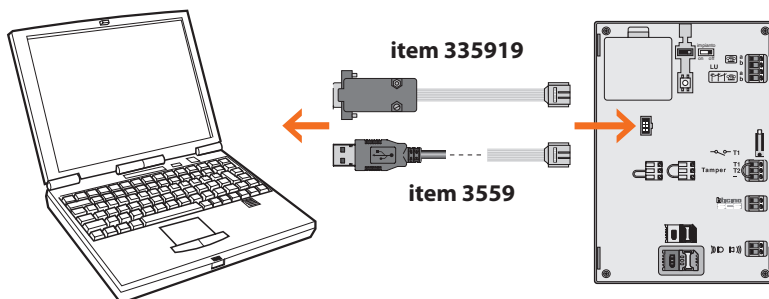
Use the maintenance code to enter the “Maintenance” menu, take the Unit OFF the bracket.



Start TiSecurityGSM program



Connect cable when requested and then follow the program procedure



For further information, see TiSecurityGSM software manual

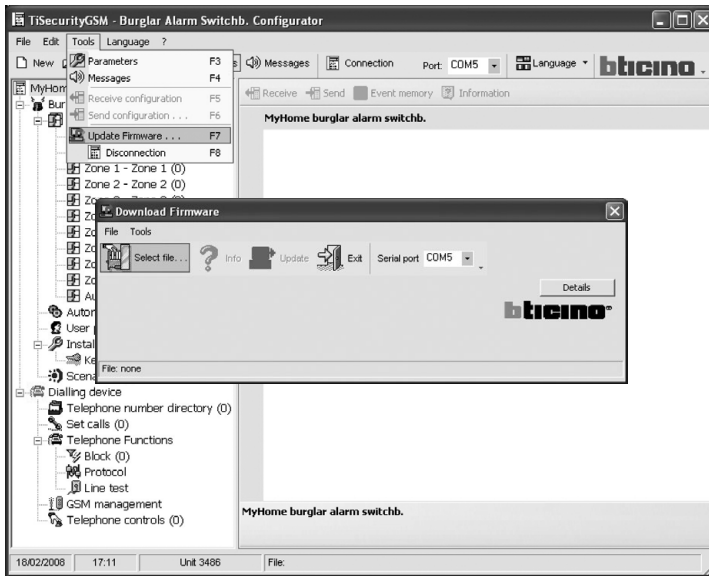
5 PROGRAMMING

5.1 PROGRAMMING FROM PERSONAL COMPUTER

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.btcicino.com



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

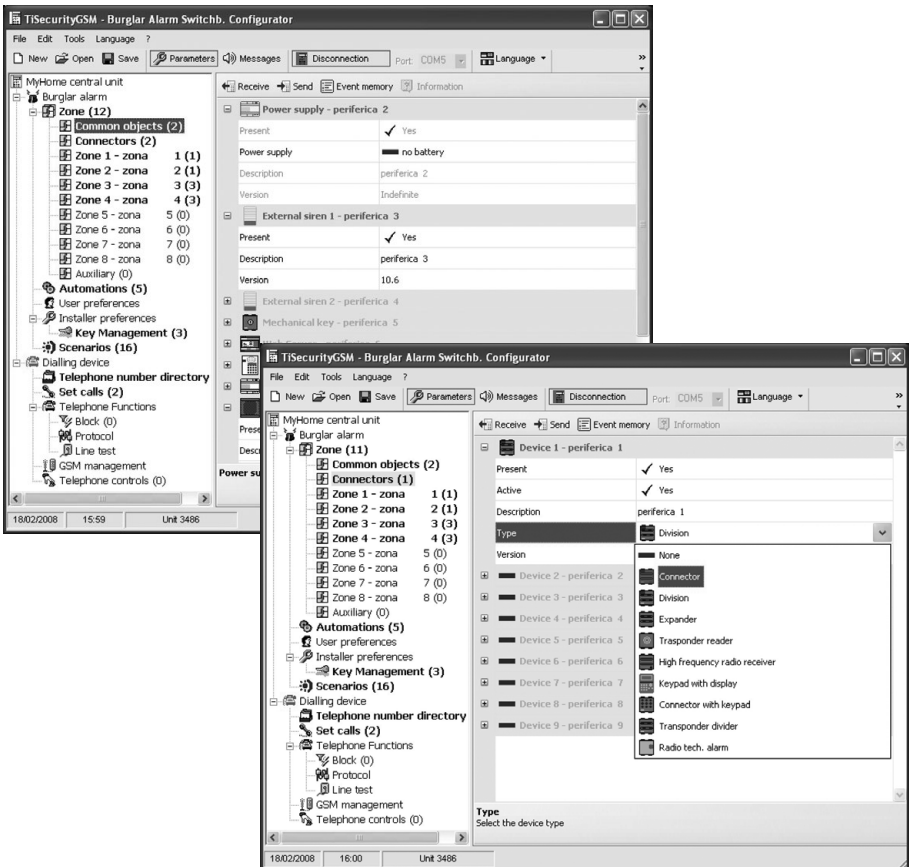
5 PROGRAMMING

5.1 PROGRAMMING FROM PERSONAL COMPUTER

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.



For further information, see TiSecurityGSM software manual



Each time the configuration is changed using TiSecurityGSM, it will be necessary to repeat the self-learning procedure in Update mode and confirm the forwarding of the configuration.

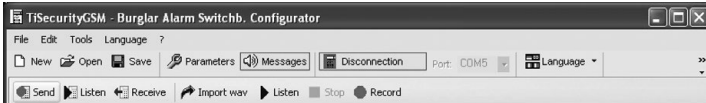
5 PROGRAMMING

5.1 PROGRAMMING FROM PERSONAL COMPUTER

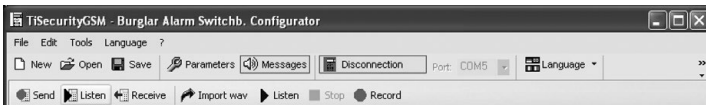
Programming of messages

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

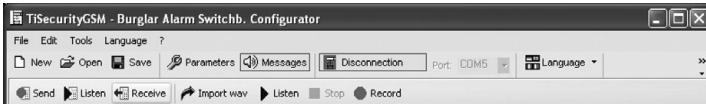
- **Send:** transfers the vocal messages from the PC to the Unit



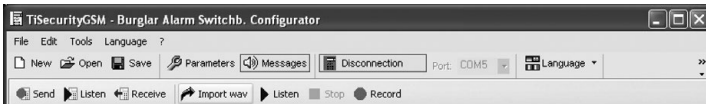
- **Listen:** lets you listen to the vocal messages directly from the Unit loudspeaker



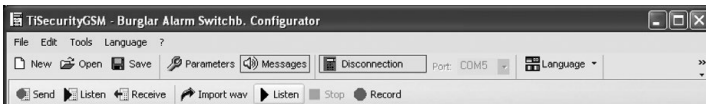
- **Receive:** transfers all vocal messages from the Unit to the PC, letting you change and save it as a project file



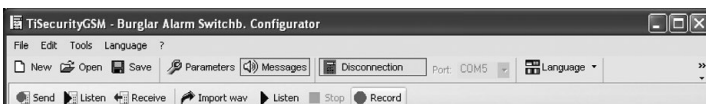
- **Import wav:** lets you import audio files with the extension .wav. The duration of imported files must not be longer than the one suggested for each message



- **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 [TiSecurityGSM 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.

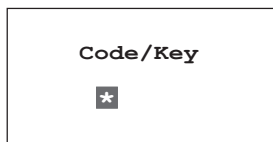
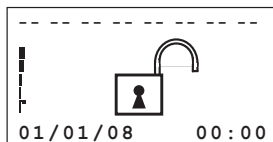
Two programming levels are required:

- **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** (basic 00000).

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



5 PROGRAMMING

5.2 PROGRAMMING FROM KEYPAD

- **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)

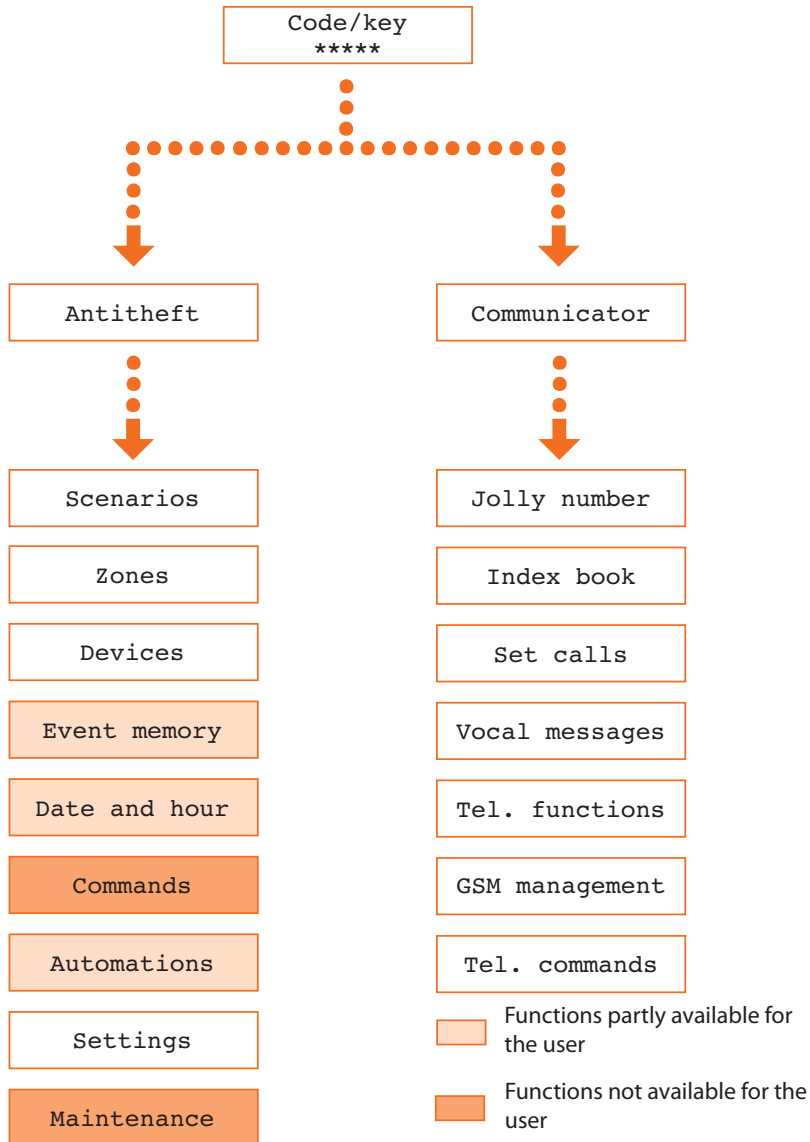
The maintenance code **does not enable/disable the system**;
if the system is **enabled, it will not allow access to the menus.**

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.

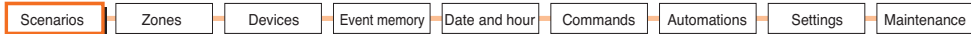
5 PROGRAMMING

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.

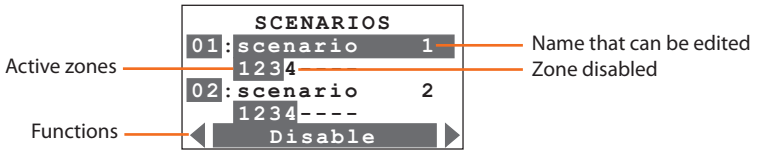


6 BURGLAR-ALARM MENU



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.

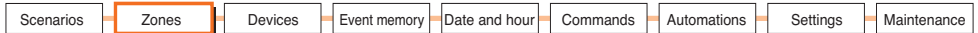


Use the horizontal scroll keys (◀ ▶) to select one of the following required functions:

- Disable** - select this function to disable the scenario selected; enter by pressing **OK**.
- Erase** - eras the selected scenario; enter by pressing **OK**.
- Rename** - you can customise the selected scenario name by means of the alphanumeric keypad; save the name 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**.

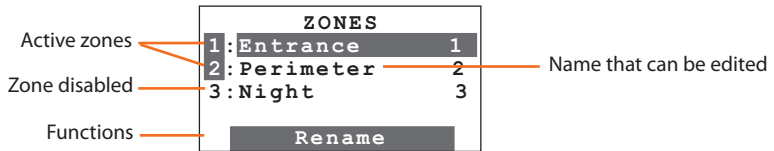
To use a division scenario select it directly from the main page using the (◀ ▶) keys. Confirm the choice with the user code or using an unlimited key.

6 BURGLAR-ALARM MENU



6.2 ZONES

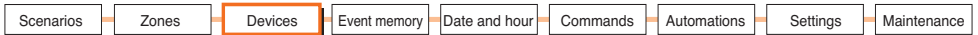
The Zones menu shows the list of zones in which the burglar alarm is split into and indicates their number and name. The active zones are shown in a dark box.



Rename

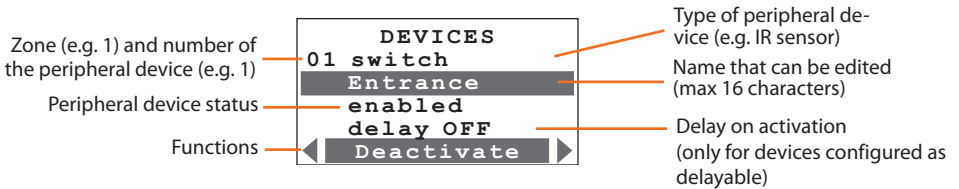
- lets you edit the name of the selected zone through the alphanumeric keypad; store the name by pressing **OK**.

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 the delay on activation.

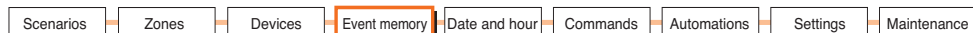


Use the vertical scroll keys to select the peripheral device

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

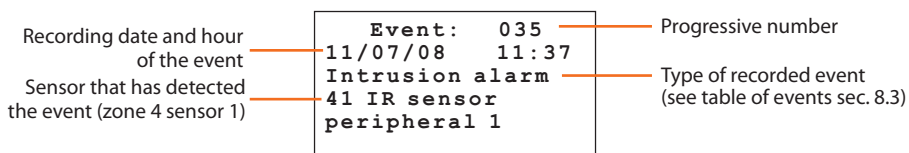
- Activate** - activates the selected peripheral device; enter activation by pressing .
- Deactivate** - deactivates the selected peripheral device; **all peripheral devices are enabled** after the first activation; enter deactivation by pressing .
 Disabling one or more peripheral devices may jeopardize 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.
- Rename** - lets you edit the name of the selected zone through the alphanumeric keypad; store the name by pressing .
- 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 Setup menu, sec. 6.8); enter by pressing .
- Delay OFF** - no delay: if an event is recorded, the sensor will immediately activate the alarm; enter by pressing .

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.

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

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

```
Event: 035
11/07/08 11:37
Intrusion alarm
41 IR sensor
peripheral 1
```



```
Erase?
OK confirm
CLEAR cancel
```



Press the **OK** key

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

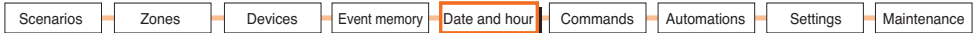


```
ATTENTION
erasing
event memory
```



Press **OK** to erase memory

6 BURGLAR-ALARM MENU

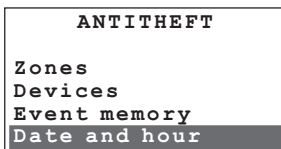
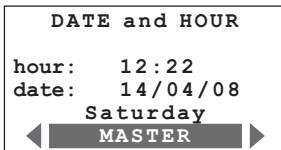
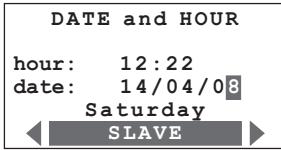
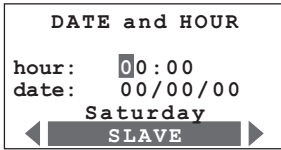


6.5 DATE AND HOUR

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)

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 My Home system (Touch Screen, Temperature control Unit...).

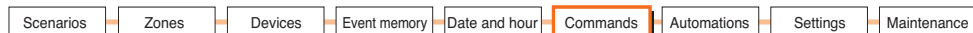
Important: only one device of the system can be set as a MASTER, all the others can be set as SLAVES.

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



Enter setup by pressing **OK**; the Burglar-alarm menu screen appears.

6 BURGLAR-ALARM MENU

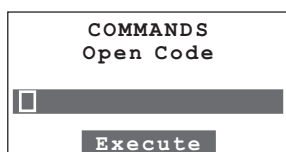


6.6 COMMANDS

By accessing this menu, it is possible to send commands to the SCS bus by typing in the Open Web Net code (see section 9). This, for instance, allows you to water your garden, turn lights ON and OFF, roll up or down your roller shutters, etc.

Access to this menu is only possible using the maintenance Code.

The procedure is as follows:

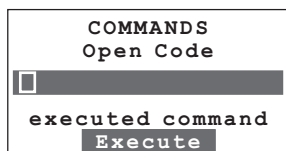


- ① ② ③
- ④ ⑤ ⑥
- ⑦ ⑧ ⑨
- * ⑩ #

Type in the Open Web Net code you want to execute or a simplified code (see section 8.5)



Enter setup by pressing **OK**; if the code is correct, the following will be displayed: "executed command"

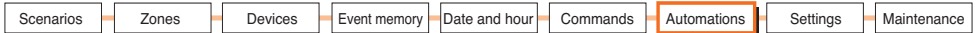


Press **CLEAR** to go back to the previous page or hold down the pushbutton until the initial page appears



In order to send automated Open Commands (lighting or control units), it is necessary to install an SCS/SCS interface Item F422.

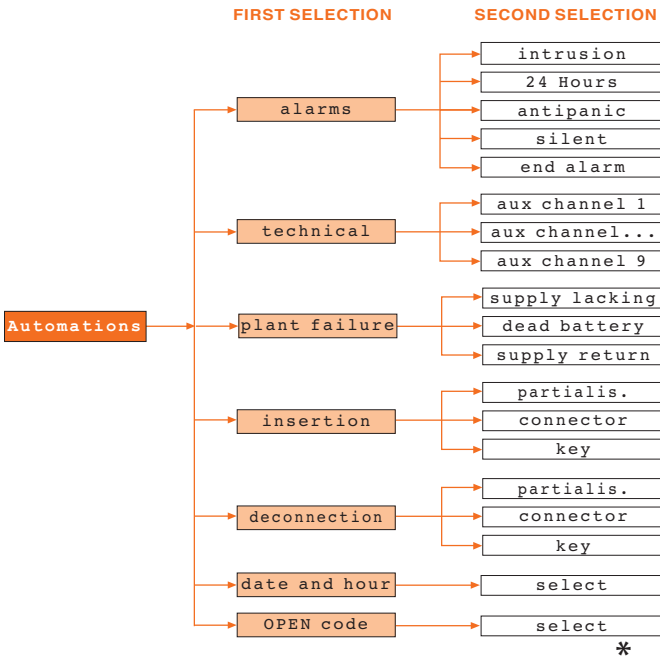
6 BURGLAR-ALARM MENU



6.7 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



* NOTE: In this case, the Open code can be only of the Lighting or Automation type and of the point-point type (not applicable to general commands or group commands).



For this type of automation the relevant commands must be installed on the Anti-intrusion system BUS.

A few automation examples

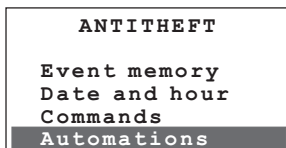
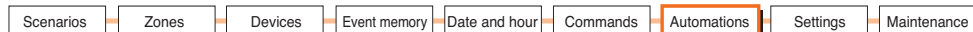
Burglar alarm: lights turn ON in room 3 at every trespassing alarm

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

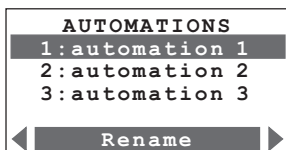
Open Code: links two executions, for example the lights go out in a room while roller shutters roll up in the same room

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



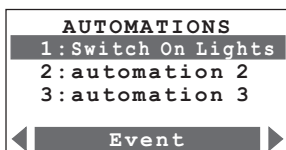
Select Automations and press **OK** to enter. The automation list is displayed.



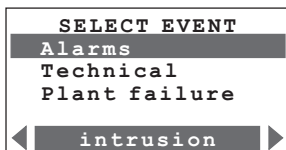
After selecting an option from the list with the keys, press **OK** to enter



Type in the name you want to assign to the automation, for example "Switch ON lights", and then store it by pressing **OK**



In the last line of the display, the word "Event" appears. Press **OK** to enter and to go to the next page



Use the keys for the FIRST SELECTION (see Event diagram on previous page)

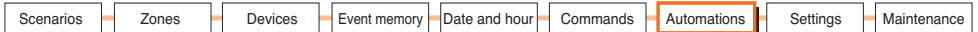
Use the keys for the SECOND SELECTION among those that are associated (last line of display, e.g. intrusion)



Enter by pressing **OK**; "Execute commands" is displayed

NEXT

6 BURGLAR-ALARM MENU



EXECUTE COMMANDS
open code

Modify



- ① ② ③
- ④ ⑤ ⑥
- ⑦ ⑧ ⑨
- * ⑩ #

Type in the Open Web Net code you want to execute (see section 9)



EXECUTE COMMANDS
open code

*1*1*11*##

Memorize



Press **OK** to memorise automation



Press **CLEAR** to cancel the operation



AUTOMATIONS

1: Switch On Lights

2: automation 2

3: automation 3

Enable

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

AUTOMATIONS

1: Switch On Lights

2: automation 2

3: automation 3

Disable

The number that marks the programmed automation is highlighted by a dark square



AUTOMATIONS

1: Switch On Lights

2: automation 2

3: automation 3

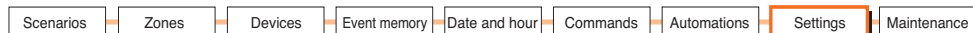
Erase

The set automations can be enabled or disabled separately according to one's needs or eliminated by selecting the required function with the keys



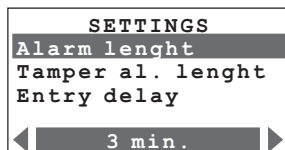
When programming is completed, hold down the **CLEAR** pushbutton to go back to the initial page

6 BURGLAR-ALARM MENU



6.8 SETTINGS

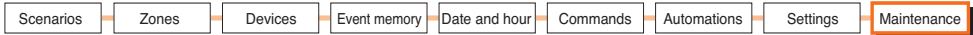
The user can edit all options in this menu without jeopardizing the proper functioning of the system.



Use the vertical scroll keys (▲▼) to select one of the following required functions:

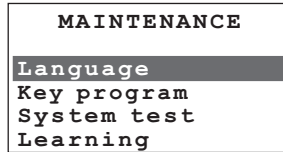
- Alarm lenght** - lets you set the duration of the siren sound in case of an alarm. You can choose one of the proposed values (from "brief" to 10 minutes); enter by pressing **OK**.
- Tamper al. lenght** - lets you set the duration of the siren sound in case of an alarm due to problems related to the SCS signal reception. You can choose one of the proposed values (from "brief" to 10 minutes); enter by pressing **OK**.
- Entry delay** - assigns the delay time for the activation of the sensors configured as delayable (see Devices menu); select the delay duration among those proposed in the menu (from 0 seconds to 3 minutes); enter by pressing **OK**.
- Exit delay** - assigns the delay time for the activation of the sensors configured as delayable (see Devices menu); select the delay duration among those proposed in the menu (from 0 seconds to 3 minutes); enter by pressing **OK**.
If a device is configured as delayable, the Control unit proposes disabling the input delay.
If the set delays are different from 0 (enabled), by setting the delay to OFF for a delayed device, the input delay is disabled whereas the output delay remains effective.
- Key/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.
- Contrast** - 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



6.9 MAINTENANCE (FOR INSTALLER ONLY)

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



Use the vertical scroll keys (▲▼) 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 (◀▶) 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 4.7 and 4.10).

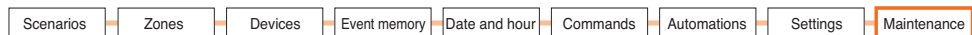
- System test**

 - 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.
 - 3 options are available:
 - Automatic:** the unit scans the system and configures every single peripheral device (for this procedure, see section 4.2).
 - Manual:** allows you to check the connection, type and situation of the tamper of each device, hence storing them.
 - Update:** like Automatic, but keeps the settings of the sensors (delays, etc.).

6 BURGLAR-ALARM MENU



6.9 MAINTENANCE

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).

Mainten. 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).

6.10 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”.

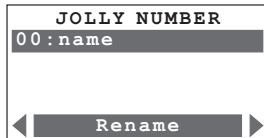
7 DIALLING DEVICE MENU

- Jolly number
- Index Book
- Set Calls
- Vocal Messages
- Tel. Functions
- Gsm Management
- Tel. Commands

7.1 JOLLY NUMBER

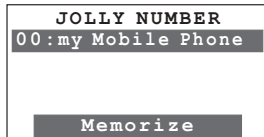
In case of an alarm, the burglar-alarm unit starts calling the set telephone numbers; the “Jolly number” is the **first** telephone number that will be always dialled by the Unit when **any** type of alarm is detected (intrusion, plant failure or technical alarm), except when **all** calls are disabled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

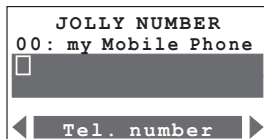


- Ⓚ
- ① ② ③
- ④ ⑤ ⑥
- ⑦ ⑧ ⑨
- * ⑩ #

Press **OK** to enter the function “Rename” and type in the name you want to assign to the Jolly number

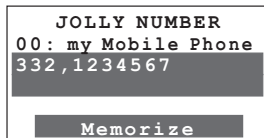


Enter the name by pressing **OK**; “In progress” is displayed for a few seconds



- Ⓚ
- ① ② ③
- ④ ⑤ ⑥
- ⑦ ⑧ ⑨
- * ⑩ #

Press **OK** to enter and type in the required number. Use the **#** key to enter pauses. The pause will be displayed as a comma
When the Ademco mode is set the Jolly number must be the surveillance control unit number.



Press **OK** to enter

After storing the wild number, it is possible to select the “GSM Test” function via the keys **⏪** **⏩** and to make a call to the preset number in order to verify the exact setup of the wild number as well as the correct operation of the GSM module.

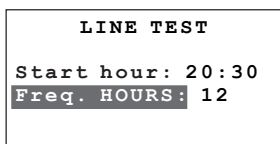
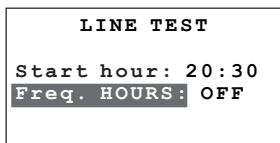
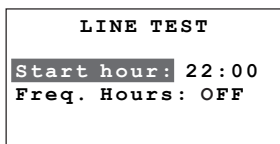
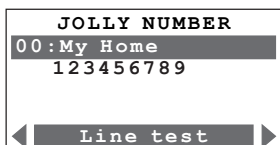
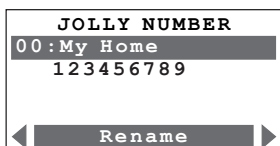
Select the “Test” function to call the wild number on the PSTN line.

7 DIALLING DEVICE MENU

Jolly number | Index Book | Set Calls | Vocal Messages | Tel. Functions | Gsm Management | Tel. Commands

7.1 JOLLY NUMBER

If the control unit is in **My Home** or **Ademco** mode the Control unit can be set in to perform a telephone line operation 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 for My Home or Ademco, use the keys to select Line Test



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

To repeat the test at regular intervals use the to select the test frequency (2, 6, 8, 12, 24, 120 or 336 hours)

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



Press **OK** to memorise

Hold down the **CLEAR** key until the initial page appears

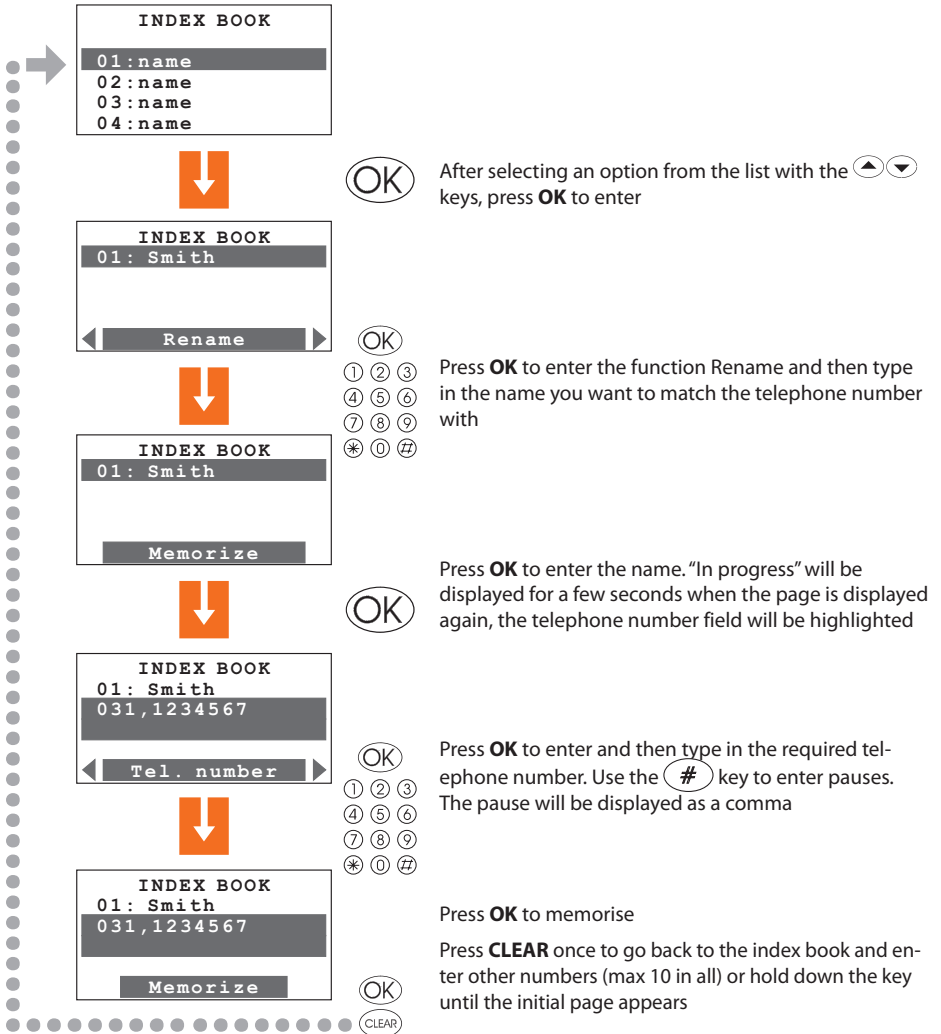
7 DIALLING DEVICE MENU



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



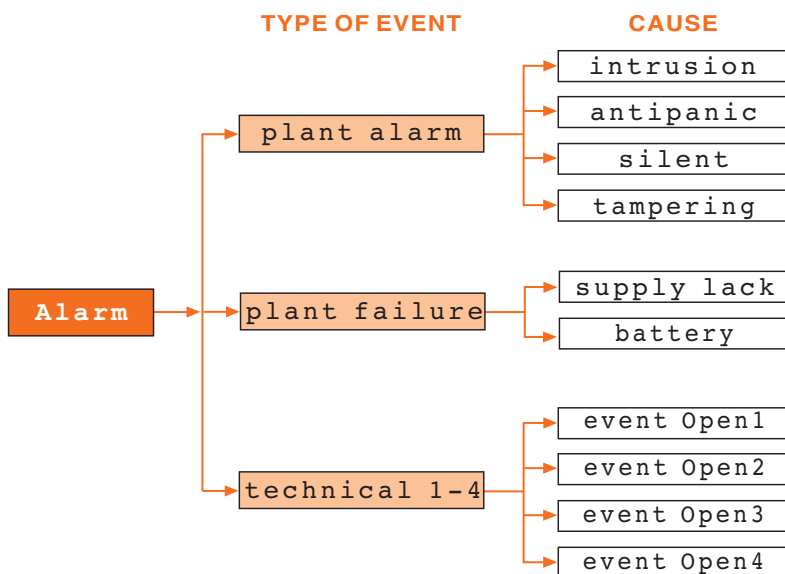
7 DIALLING DEVICE MENU



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).

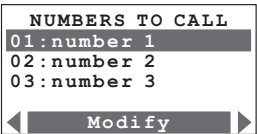
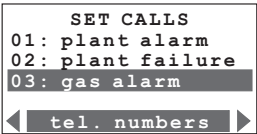
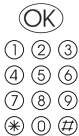
If the line is busy or if there is no answer, the Unit keeps calling for the set number of times (see section 7.5); the user who receives the call can stop the cycle of calls by dialling the **user code** (basic 00000) on his/her own telephone after listening to the recorded message. If the user code 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
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7.3 SET CALLS

Setup procedure:



NEXT

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

Press **OK** to enter. It is now possible to edit the name through the alphanumeric keypad. When this is done, press **OK** again to memorise the name

The "Numbers to call" function appears, press **OK** to enter

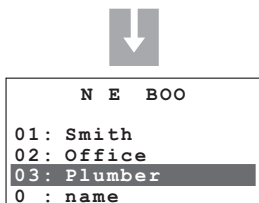
The list of the 4 telephone numbers linked to this event appears, if previously memorised, or it will appear empty as in the figure

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

7 DIALLING DEVICE MENU

Jolly number | Index Book | **Set Calls** | Vocal Messages | Tel. Functions | Gsm Management | Tel. Commands

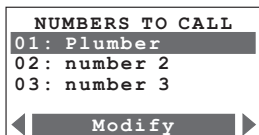
7.3 SET CALLS



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



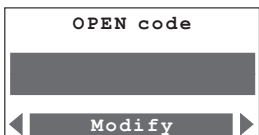
Select the number to call when the event occurs and then press **OK** to enter



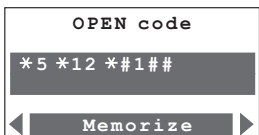
It is now possible to:
select another option and match another telephone number with the same event or press **CLEAR** to go back to the previous page of the menu and set up calls for other events



For technical alarms, after pressing **CLEAR**, the command request appears; press **OK** to enter



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



Press **OK** to enter the code



Press **CLEAR** 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 6.7) 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:

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

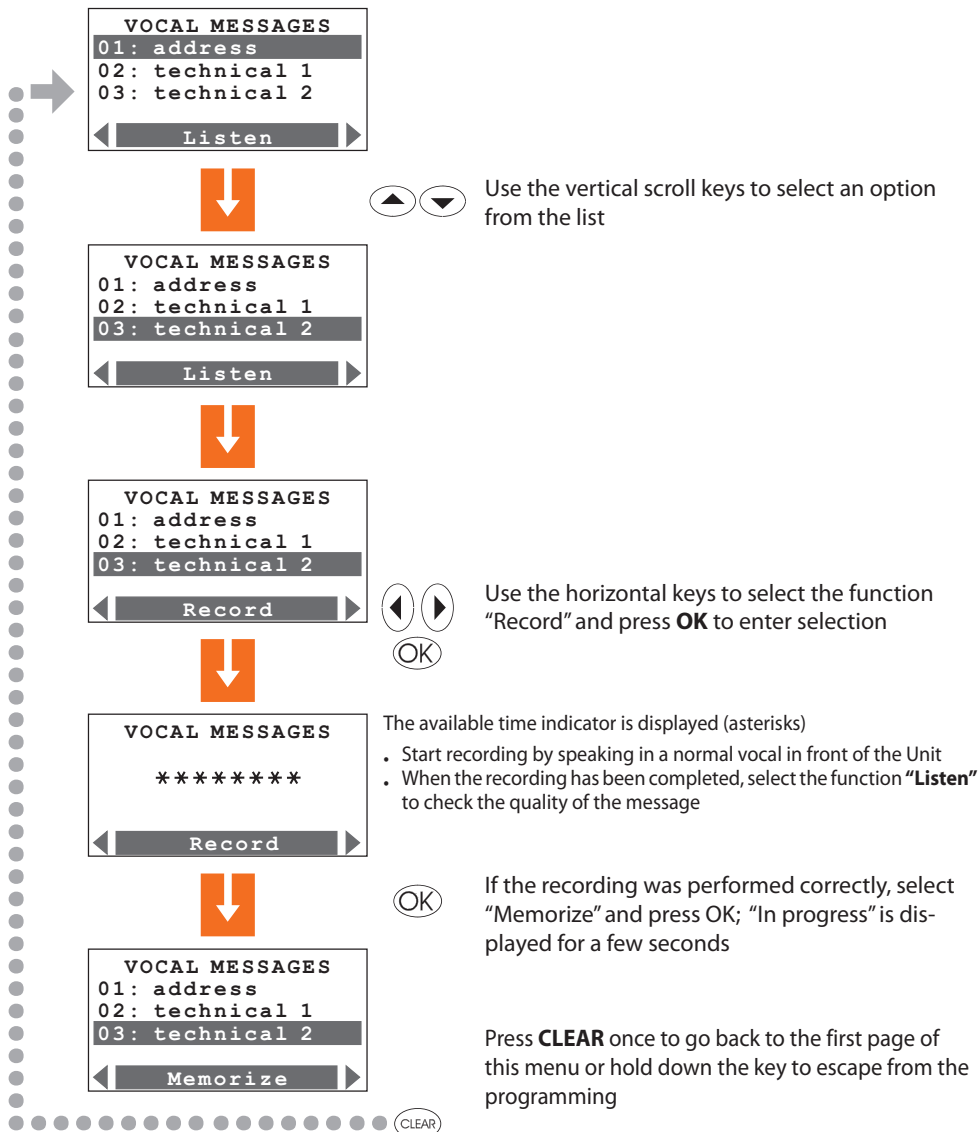
-  - If there is a power line voltage failure, all messages will remain stored.
-  - If the battery is dead or not connected, it will not be possible to access this menu.

7 DIALLING DEVICE MENU

Jolly number | Index Book | Set Calls | **Vocal Messages** | Tel. Functions | Gsm Management | Tel. Commands

7.4 VOCAL MESSAGES

Recording, listening and memorising procedure of vocal messages:



7 DIALLING DEVICE MENU

Jolly number — Index Book — Set Calls — **Vocal Messages** — Tel. Functions — Gsm Management — Tel. Commands

7.4 VOCAL MESSAGES

When the Ademco protocol is set the link between auxiliary channel and type of technical alarm is fixed (see table).

The vocal message corresponding to the type of technical alarm must thus be recorded.

Type of technical alarm	Linked auxiliary channel
Gas leak	1
Freezer	2
Flooding	3
Antipanic alarm	4
General technical alarm	5 - 6 - 7
Fire	8
Remote assistance	9

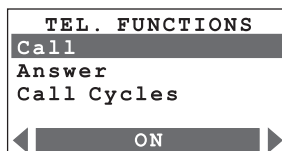
On the user manual, compile the table of vocal messages referring to the technical alarms

7 DIALLING DEVICE MENU

Jolly number | Index Book | Set Calls | Vocal Messages | **Tel. Functions** | Gsm Management | Tel. Commands

7.5 TELEPHONE FUNCTIONS

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

Call

- enables the Unit to make telephone calls; the available options are:

GSM OFF: GSM calls disabled

PSTN OFF: PSTN calls disabled

ON: all calls enabled

OFF: all calls disabled.

After the selection, enter by pressing .

Selecting the **OFF** option, a confirmation request will appear in order to prevent accidental disabling actions.

Answer

- sets the number of rings (from OFF to 8), after which the Unit answers a call; if there's an answering machine, the number of rings to set shall be higher than the one set for the answering system.

For GSM calls, the number of rings is 1.

When set to **OFF**, the Unit 3486 **will not answer the calls from both channels** (GSM and PSTN).

Call delay

- this function lets you delay (from 0 to 60 seconds) the starting time of the cycle of calls resulting from an alarm; during the programmed time interval, it is possible to stop the calls by using the remote control or by dialling the password on the Unit keypad (the local reset of the auxiliary devices does not stop the calls).

DTMF/PULSE

- enable the operation mode according to the type of telephone line: **DTMF** is for a tone dialling line; **Pulse** is for a pulse dialling line (only for PSTN line)

7 DIALLING DEVICE MENU

Jolly number — Index Book — Set Calls — Vocal Messages — **Tel. Functions** — Gsm Management — Tel. Commands

7.5 TELEPHONE FUNCTIONS

Supply lack

- lets you set the time (from 10 min. to 10 hours) between the moment power goes OFF and the starting time of the Unit telephone calls; select one of the required options proposed.

Call cycles

- The operation of the cycles of calls is as follows: after calling the wild number, the Unit calls in the order given the telephone numbers set for that particular alarm; 20 seconds elapse between one call and the other.

After the first cycle of calls, the Unit restarts with the second (if programmed); in the following cycle, it will only call telephone numbers which: have not answered the first call; were busy during the call; have answered the call but the person who has answered did not press a number when requested by the Unit.

And so on for the number of set cycles (max. 4).

If the My Home portal is active, the wild number will be that of the portal; in this case, it will be called until the call has been properly completed, regardless of the set number of cycles.

The cycle of calls can be stopped at any time:

- **locally**: through the remote control or dialling the **user code**
- **from a distance** (telephone line): by dialling the **user code** on the telephone keypad (basic 00000), after receiving an alarm message.

If the call to the My Home portal has not been properly completed, it will be repeated even if the cycle of calls has been stopped.

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 3486 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.

7 DIALLING DEVICE MENU

Jolly number | Index Book | Set Calls | Vocal Messages | **Tel. Functions** | Gsm Management | Tel. Commands

7.5 TELEPHONE FUNCTIONS

Channel priority - allows you to set the priority of the channel whereby the calls (GSM or PSTN) are to be made; the call is made on the set channel first. If it is not successful, the Control unit will use the other channel.

Tel. answering - this function notifies the unit that there's an answering system on the PSTN telephone line in order to coordinate the answering system/Unit functioning; if there's an answering system, in order to make the Unit operate, it is necessary to press ## when the answering system starts operating.

Block command - lets you stop all Open commands with the OFF function; enable all of them with the function ON or stop some of them with the function Select.

It is necessary to set the Open field you want to stop, for example:

interruption of all commands for the scenarios:	*0***##
interruption of the actuation of a relay (e.g. 12):	*1*1*12*##
interruption of all actuations of the command system:	*1*1**##

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

Call wait - assigns the waiting time between one call and the next (from 0 to 30 min.).

PSTN Test Freq. It can be used to activate the PSTN line test and set the frequency interval at which this must be repeated.

The values that can be set are: OFF (the Control Unit does not perform any tests), 5, 10, 15, 30, 45 minutes, 1, 2, 4, 6, 8, 12, 24 hours.

7 DIALLING DEVICE MENU

- Jolly number
- Index Book
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7.5 TELEPHONE FUNCTIONS

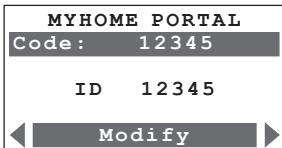
Protocol

- **OFF:** The Control unit works in mode standard

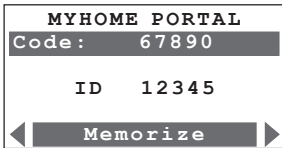
My Home: The Control unit is set up to be managed by the portal My Home Web as well (for more information www.myhome-bticino.it).

The setting of the My Home protocol must be completed by entering the code and the ID identification for access to the portal.

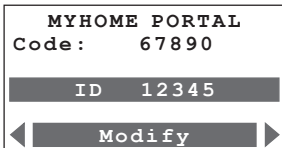
Note: The Jolly number must be the portal My Home number



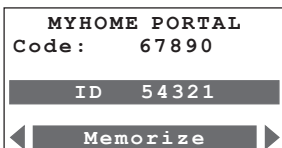
After selecting the My Home protocol, pressing **OK** accesses the page at the side



Press **OK** to activate the code modification
Type the portal access code



Press **OK** to memorise the new code



Press **OK** to activate the ID identification modification
Type the ID code



Press **OK** to memorise



Press **CLEAR** once to go back to the Telephone functions or hold down the key to escape from the programming

7 DIALLING DEVICE MENU

Jolly number | Index Book | Set Calls | Vocal Messages | **Tel. Functions** | GSM Management | Tel. Commands

7.5 TELEPHONE FUNCTIONS

Protocol

- **ADEMCO**: The Control unit communicates with the surveillance firm; the Jolly number to set must be the surveillance firm number.

Depending on the **Ademco Level** set, there are corresponding set types of calls to the surveillance Control unit.

The Ademco protocol setting must be completed by entering the ID identification and the service level (the higher the level the more information is communicated to the surveillance control unit).

Note: The Jolly number must be the surveillance control unit number

CONTACT ID	
ID	: 12345
level	: 1
AlarmEnd	: OFF
◀ Modify ▶	



CONTACT ID	
ID	: 67890
level	: 1
AlarmEnd	: OFF
◀ Memorize ▶	



CONTACT ID	
ID	: 67890
level	: 1
AlarmEnd	: OFF
◀ Modify ▶	



CONTACT ID	
ID	: 67890
level	: 3
AlarmEnd	: OFF
◀ Memorize ▶	

After selecting the Ademco protocol, pressing **OK** accesses the page at the side



Press **OK** to activate the contact ID modification
Type the new ID



Press **OK** to memorise the new ID



Press **OK** to activate the setting of the Ademco level
use the numeric keys to set the service level (see table on the next page)



Press **OK** to memorise



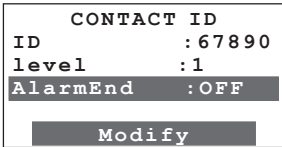
Press **CLEAR** once to go back to the Telephone functions or hold down the key to escape from the programming

7 DIALLING DEVICE MENU

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7.5 TELEPHONE FUNCTIONS

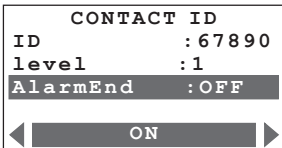
If the **Alarm End** function is set to **ON**, the control unit manages the resetting of the corresponding alarm events



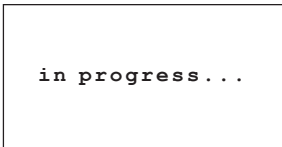
After selecting the Ademco protocol, press OK to switch this screen on.



After selecting **Alarm End** press **OK** to activate the changing of the setting



Press OK to confirm.



Ademco level	Events signalled to the Surveillance control unit
1	Intrusion, anti-panic and tampering alarms
2	Same as lev. 1 + system notification (e.g. battery faulty, no network, PSTN line cut)
3	As level 2 + technical alarms (auxiliary commands)
4	Same as level 3 + arming and disarming event (including alarm)

7 DIALLING DEVICE MENU

Jolly number | Index Book | Set Calls | Vocal Messages | **Tel. Functions** | Gsm Management | Tel. Commands

7.5 TELEPHONE FUNCTIONS

Specify all personalizations in the following table.

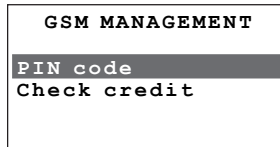
Telephone function	Basic configuration	Personalized configuration
CALL	ON	
ANSWER (PSTN only)	5	
CALL CYCLES	4	
CALL DELAY	10 seconds	
DTMF/PULSE	dtmf	
SUPPLY LACK	1 hour	
CHANNEL PRIORITY	GSM	
REMOTE CONTROL TELEASSISTANCE	OFF	
REMOTE CONTROL TELECONTROL AI	OFF	
TEL.ANSWERING(PSTN only)	OFF	
BLOCK COMMAND	None	
SOUND SPREAD	OFF	
CALL WAIT	0 seconds	
PROTOCOL	OFF	
LINE TEST FREQ.	OFF	
ALARM END	OFF	
MAINTENANCE CODE	00000	
USER CODE	00000	
PIN code	0000	
LANGUAGE	Italian	
ALARM DURATION	3 minutes	
TAMPTEST 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 **Gsm Management** Tel. Commands

7.6 GSM MANAGEMENT

It can be divided into two sub-menus: "pin code" and "check credit"





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

PIN Code

- enter the PIN code of the SIM card being used in this field, as described in chapter 5 "First activation"; this operation communicates the PIN code to the unit; it is not possible to change the PIN code of the card from this position; to do so, it is necessary to remove the SIM card from the unit (after disconnecting the battery) and execute the operation from a mobile phone

Check credit

- this function allows you to make a GSM call to the number given by the telephone carrier in order to know the remaining credit of the SIM card; the microphone of the unit is not enabled, hence it is only possible to listen to the vocal message sent from the carrier.

While listening, the volume of the loudspeaker can be adjusted via the keys  . Press the **CLEAR** button to end the call.

7 DIALLING DEVICE MENU

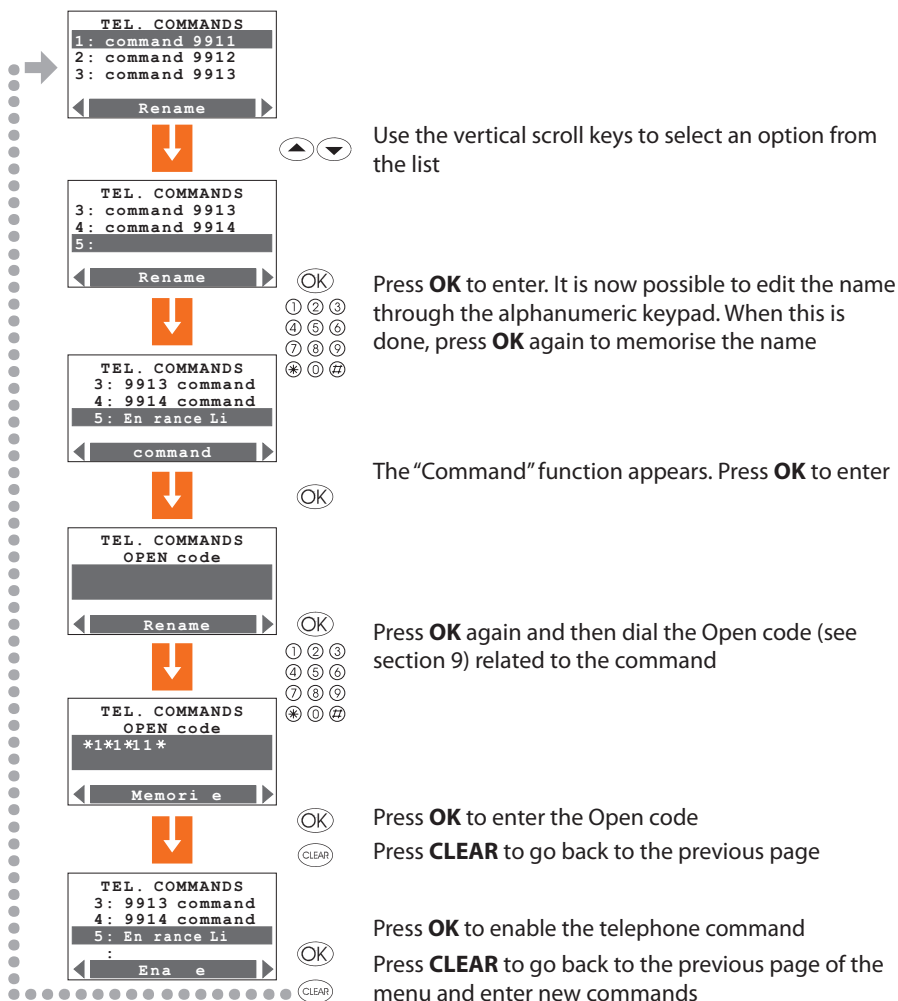
Jolly number | Index Book | Set Calls | Vocal Messages | Tel. Functions | GSM Management | **Tel. Commands**

7.7 TELEPHONE COMMANDS

This menu lets you store 9 commands (Open code), which can later be executed by the user through simplified codes consisting of just four digits (section 8.5), through the Unit keypad or by telephone.

An identification name can be matched with each Open Code, e.g. entrance lights; furthermore - only for the first 4 commands - the user can record a personalized vocal message (see section 7.4).

Specify the stored commands on the **“Memo Card”** included in the **user manual**.




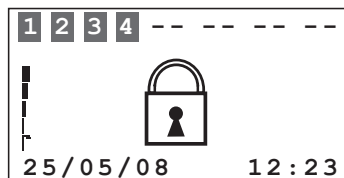
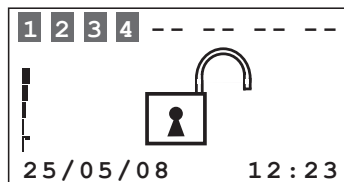
8 OPERATION

8.1 ENABLING / DISABLING 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.

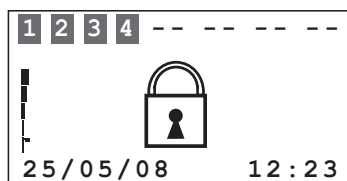
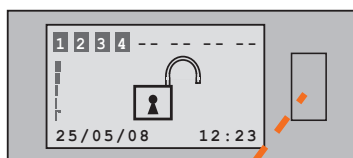
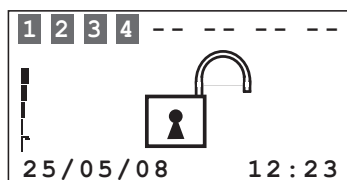
8 OPERATION

8.1 ENABLING / DISABLING BURGLAR ALARM

USING THE REMOTE CONTROL

Direct the remote control lens towards the Unit and press the pushbutton.

This operation must be executed by holding the remote control at a maximum distance of 30 cm from the receiver.

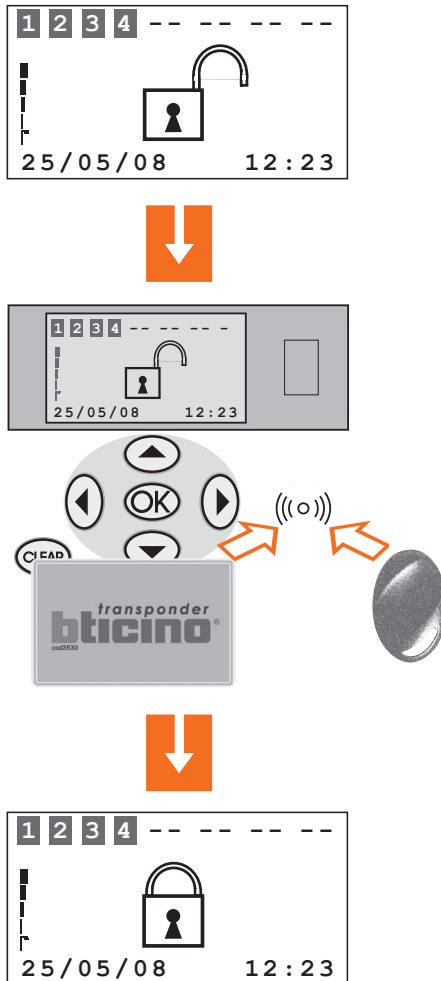


8 OPERATION

8.1 ENABLING / DISABLING BURGLAR ALARM

USING THE TRANSPONDER KEY

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



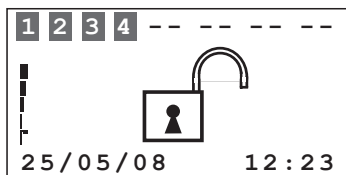
The burglar-alarm can also be switched ON by keeping the * key pressed for 3 seconds

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:

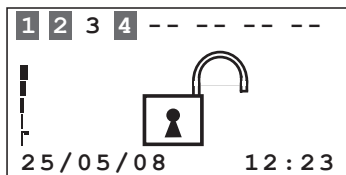
Deactivation and/or re-activation of the zones can be easily managed directly from the Unit keypad.



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.

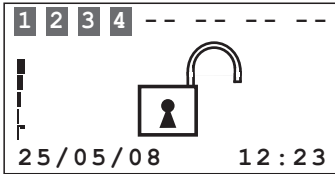


Zone 3 has been deactivated.
The **active** zones are shown in a dark box.
The burglar-alarm system is OFF.

8 OPERATION

8.2 DEACTIVATING - ACTIVATING ZONES

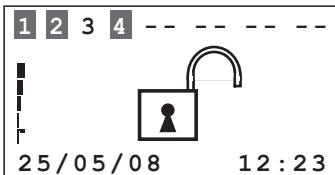
Deactivation and/or re-activation of the zones can be easily managed using the remote control or the transponder key



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



Press the remote control pushbutton or bring a transponder key near the reader within 5 seconds to enter the change

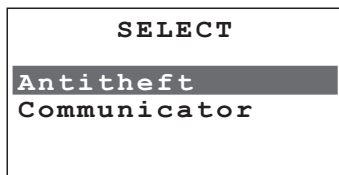


Zone **3** has been deactivated.
The **active** zones are shown in a dark box.

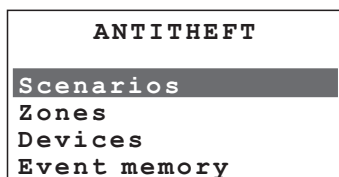
8 OPERATION

8.2 DEACTIVATING - ACTIVATING ZONES

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

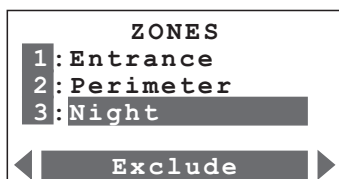


Enter **Burglar alarm (Antitheft)**



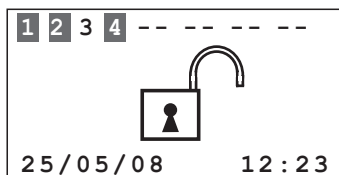
Use the keys to select the Scenarios menu

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)



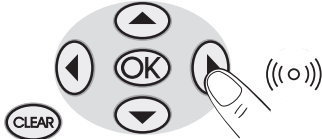
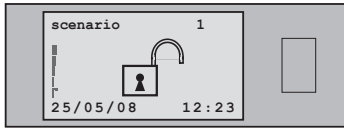
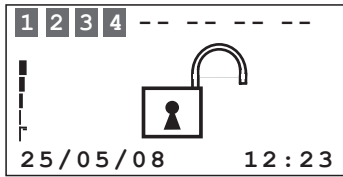
Hold down the key to escape from menu Zones



8 OPERATION

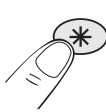
8.3 SELECTING A SCENARIO


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

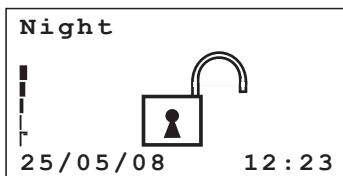
The example shows the selection procedure by means of keypad with user code or with a key enabled code. An enabled remote control or a transponder key can be used to confirm the selected scenario.



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



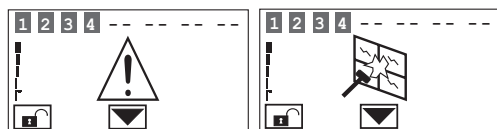
The **Night** scenario has been activated

8 OPERATION

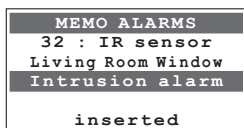
8.4 CONSULTING THE EVENT MEMORY IN CASE OF AN ALARM

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  or  keys.

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



Press the “up” or “down” keys to display information concerning the alarm

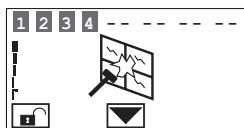


The display provides information on:

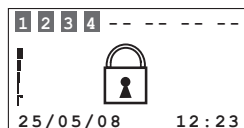
- sensor and alarm zone
- type of alarm (e.g. intrusion)
- system status during the alarm (e.g. ON)



Press **CLEAR** 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

8.4 CONSULTING THE EVENT MEMORY IN CASE OF AN ALARM

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
GSM OFF	The GSM module inside the unit switches off
GSM ON	The GSM module inside the unit switches on
GSM ENABLED	GSM channel outgoing calls enabled
GSM DISABLED	GSM channel outgoing calls disabled
SUPPLY LACKING	Power line voltage failure
SUPPLY RETURN	Return of power line voltage
PSTN MISSING	The PSTN telephone line is missing
PSTN PRESENT	The PSTN telephone line has been reinstated
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
TECHNICAL RESET	A technical alarm has been reset
ACTIVE SENSOR	When activating, the sensor is active
KEY ON	Executes act/deactivation toggles (French version)

8 OPERATION

8.4 CONSULTING THE EVENT MEMORY IN CASE OF AN ALARM

Displayed message	Type of event
KEY OFF	Executes disconnection
TAMPEST ERROR	Communication problems between the Unit and devices
INSERTION ERR.	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	Battery of a radio device exhausted
BATTERY FAULTY	Battery of a radio device faulty
RADIO SENSOR KO	A radio sensor is faulty
SENDING THE CONFIGURATION NOT SUCCESSFUL	After a configuration modification, the Unit did not manage to send it to the display devices

All individual devices activation and deactivation events performed either from the local keypad or remotely are also recorded; below is a screen showing the deactivation of an IR sensor.

```

Event: 005
08/10/08 12:32
Device exclusion

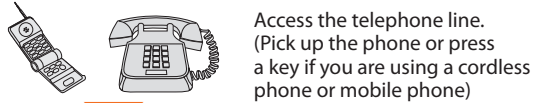
11 sensor IR
peripheral 1
    
```

8 OPERATION

8.5 SENDING TELEPHONE COMMANDS

The programmed commands in section 7.7 can be sent to the Unit through any fixed or mobile telephone with DTMF tones.

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 *

Without telephone answering

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

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

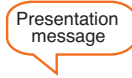
* Operation is guaranteed only with **local** answering machines installed after the Unit



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

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.



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)



If there is an answering machine, it will start working only if the call has been made on the PSTN line. By calling the number of the SIM card placed in the unit (GSM network), the answering machine (if any) will not start working, thus there will be an answer after the first ring.

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 7.7) 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 UNITS • 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	Open Command	from 1 to 9
		0	OFF Command	
CONTROL UNITS		1	Open Command	
		0	DOWN Command	
AUXILIARIES		1	Open Command	
		0	OFF Command	
THERMO		1	Open Command	
		0	Open Command	
ALARMS		1	Open Command	
		0	Open Command	

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	Communicates the following messages: - 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	Sends the voice of the user through the control unit speaker.
920	ROOM LISTENING	Allows room listening for 1 minute (Max) through the built-in microphone of the Unit.

8 OPERATION

8.8 ALARM FUNCTION

ACTIVATION/DEACTIVATION

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:

Activation	*5*8##
------------	---------------

or deactivate it with code:

Deactivation	*5*9##
--------------	---------------

ARMING/DISARMING WITH SEPARATION

During the arming and disarming operation, it is possible to change the system separation:

Activation	*5*8#1...8##
------------	---------------------

Deactivation	*5*9#1...8##
--------------	---------------------

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.

SEPARATION

Make a divided Z zone active ***5*11*#Z##**

Divide an active Z zone ***5*18*#Z##**

Include the N sensor in the Z zone ***5*11*ZN##**

Exclude the N sensor of the Z zone ***5*18*ZN##**

8 OPERATION

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.

COMMANDS POSSIBLE WITH MY HOME PORTAL ACTIVE

By activating the My Home portal, it is possible to:

Switch the system ON/OFF

Have a remote assistance support

Request the system state

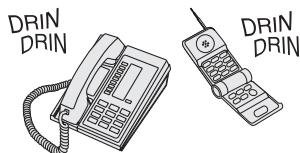
Request the zone state

Completely download the event memory.

8 OPERATION

8.9 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

My Home System.....



USER CODE**

** All the calls are blocked

END COMMUNICATION*

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

HANG UP

END COMMUNICATION

Examples of messages

**System My Home,
Attention: intrusion alarm.**

**System My Home,
Attention: 24h alarm.**

**System My Home,
Attention: dead battery.**

**System My Home,
Attention: supply lacking.**

**System My Home,
Attention** (technical alarm recorded by user).

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

APPENDIX

TECHNICAL DATA

Power supply	from SCS bus: from 18V to 28V
Absorption	50 mA in stand-by; max. 120 mA
Operating temperature	5 to 40 °C
Telephone line	DTMF/PULSES
Dimensions	L=140 H=210 P=35
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= 0,1,2,5,9

The Burglar Alarm Item 3486 is totally programmable from a PC with TiSecurityGSM 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:

BTicino SpA, based in Milan, in Via Messina, 38 - 20154

declares that the product, Item:

3486

is in compliance with the essential requirements of the 1999/5/CE directive, as it complies with the following standards:

EN60950 EN61000-6-1 EN61000-6-3 EN50130-4 EN50130-5



ETSI ES 203 021 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.bticino.com

HOW TO SOLVE POSSIBLE PROBLEMS

PROBLEM	SOLUTION
<p>It is not possible to record/listen to recorded messages and display information</p>	<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>
<p>The Unit does not make the telephone call on the PSTN line</p>	<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 or PSTN OFF</p>
<p>The Unit does not make the telephone call on the GSM channel</p>	<p>Make sure that no icons signaling problems or malfunctions appear on the display (par. 2.4).</p> <p>Check level of signal</p> <p>Check the stored telephone numbers and, in the Telephone functions menu, that Call has not been set on OFF or GSM OFF</p>
<p>An icon showing a crossed-out SIM card will be displayed</p>	<p>SIM card missing, expired or disabled; in this case, remove the card, put it in a mobile phone and enter the PUK code supplied with the card.</p> <p>If the icon appears when switching on the first time but then disappears after about one minute, it is not to be considered a malfunction.</p>

HOW TO SOLVE POSSIBLE PROBLEMS

PROBLEM	SOLUTION
PIN ERROR is displayed	<p>The PIN code entered does not match the SIM card being used; enter the right PIN.</p> <p>If the indication appears when switching on the first time but then disappears after about one minute, it is not to be considered a malfunction.</p>
The GSM OFF indication and the GSM call icon are displayed simultaneously	<p>It is not a malfunction; the GSM module switches off, for instance, when there are reception problems; the unit makes retrieval attempts every minute. If during this step an alarm goes on, the system will still try to call the GSM channel (the icon appears), but since it detects that the module is off, it will try the PSTN line.</p>
The GSM OFF indication is displayed and there are communication problems on the GSM channel	<p>The local battery could be dead</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 TiSecurityGSM</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>



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