10/15-01 PC

Burglar-alarm central unit 3485STD

Installation manual

bticino

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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.

1.2   CONTENTS OF PACKAGE

The Unit package contains:

- Burglar-alarm unit with dialling device item 3485STD
- metal bases for wall-mounting installation
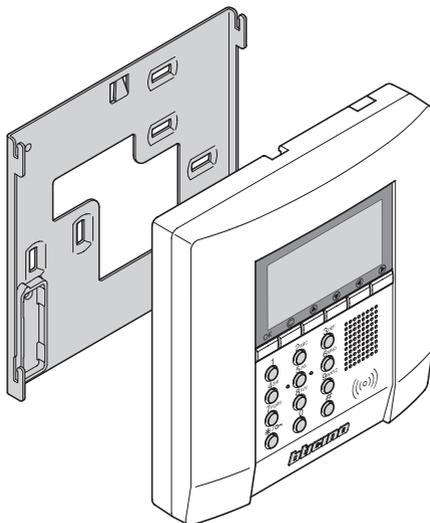
2   DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.1   OVERVIEW
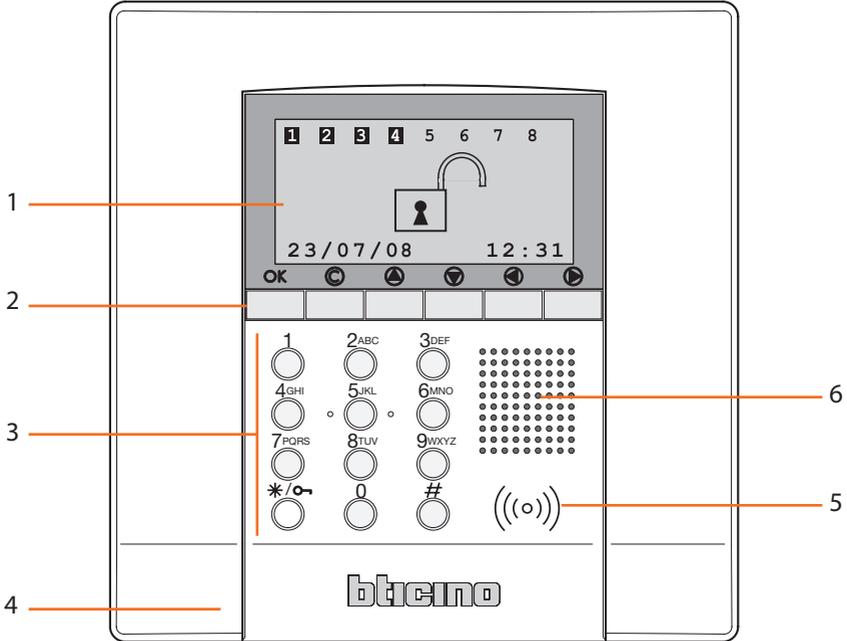
1- **Graphic display:** displays the messages that can control programming operations and events that have previously taken place (more information on the next page).

2- **Navigation keypad:** lets you navigate through the menus and enables the confirmation or cancellation of programming operations.

3- **Alphanumeric keypad:** allows manual entering of all programming operations that require the use of numbers and/or symbols.

4- **Microphone:** used for recording the messages and for remote room monitoring by telephone.

5- **Transponder reader:** receives the ON/OFF commands of the burglar-alarm system directly from the transponder keys.

6- **Loudspeaker:** allows listening to the recorded messages and the scattering of room vocal messages by telephone.

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2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.2 NAVIGATION KEYS
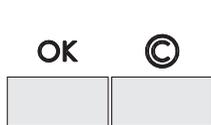
OK - Key for entering the displayed selection or data

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

```
  MAINTENANCE

Language
Key program
System test
Learning
```
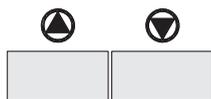
Scroll keys allow you to scroll the list of items in the menus.

```
    KEY PROGRAM
01:Key  1
02:Key  2
03:Key  3
04:Key  4
         New
```

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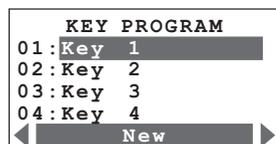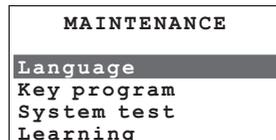
2.3 ALPHANUMERIC KEYPAD

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

4GHI   g h i 4 í î

7PQRS   p q r s 7

2ABC   a b c 2 à á ä â ã ç

5JKL   j k l 5

8TUV   t u v 8 ù ü

3DEF   d e f 3 è é ê

6MNO   m n o 6 ó ö õ

9WXYZ   w x y z 9

0   space + = * # 0

2   DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.4   DISPLAY

First start
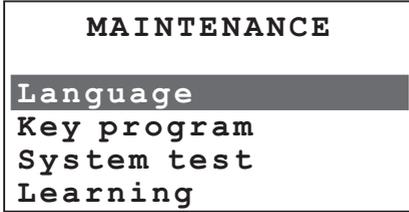
Burglar alarm / 24 hours
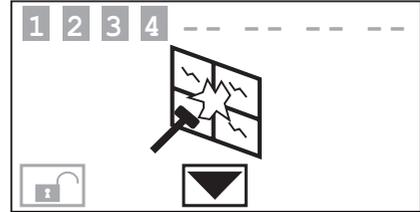
System OFF
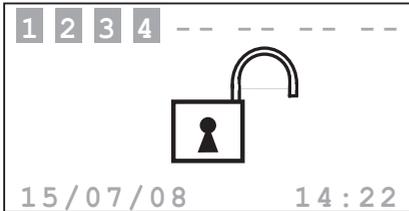
Telephone call in progress on the PSTN channel
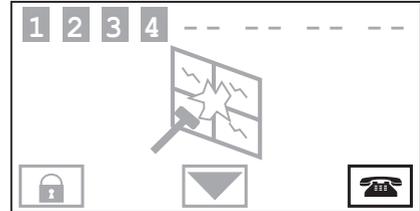
System ON
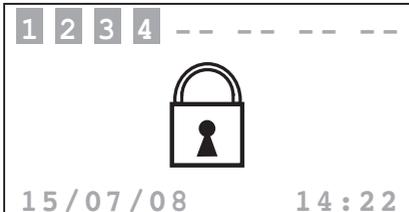
Zones 2 and 3 disabled

bticino
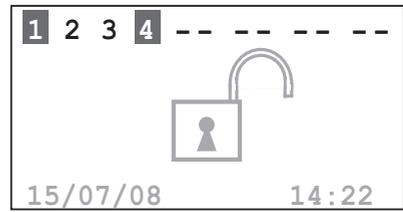
2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.4 DISPLAY

Division scenario

```
scenario        4



15/07/08      14:22
```

Unit battery dead or damaged
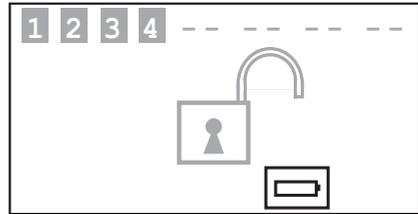
```
1 2 3 4  -- -- -- --
```

System battery dead

```
1 2 3 4  -- -- -- --
```

Power line voltage failure

```
1 2 3 4  -- -- -- --
```

General alarm*

```
1 2 3 4  -- -- -- --
```

System test

```
Check the sensors
Use CLEAR to exit

IN1=ON      IN2=OFF
 M30    PIC    HW
**.**  **.**  *.*
```
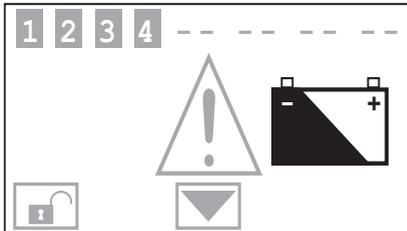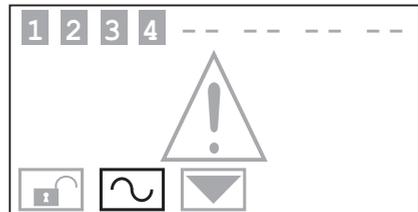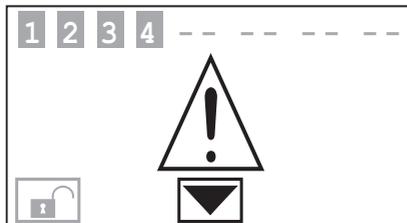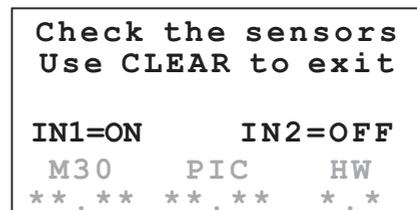
* Generic alarm. It indicates a technical type alarm, a notification of a non system battery (or device) fault, a tamptest notification with the system disarmed or disconnection of the PSTN line.

2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.4 DISPLAY

⚠ Telephone calls disabled
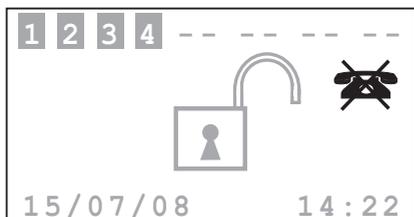
⚠ Sensor disabled
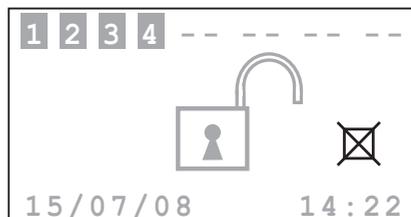
⚠ Important Unit functions are disabled; disable only if extremely necessary.

2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.5 MAIN FUNCTIONS

General features

✔ Burglar-alarm unit with integrated telephone dialling device

✔ self-learning of the system and configuration display

✔ controllable from transponder and keypad

✔ independent management of each sensor

✔ programmable from PC

✔ detailed history of events and alarm history

✔ editing of alarm messages

✔ telephone index book for alarm forwarding

✔ 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 an key error three times in succession (from keypad or transponder)

✔ combination of any scenario, zone and sensor name

✔ each individual sensor can be deactivated by sending a command from the control unit keypad

✔ can send a test call, with programmable timing, to 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

✔ 2 local contacts

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.

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2 DESCRIPTION OF THE BURGLAR-ALARM UNIT

2.6 EXAMPLES ON HOW TO USE THE BURGLAR-ALARM UNIT

Example 1: intrusion alarm

Burglar-alarm unit

IR Sensor

DRIN DRIN

DRIN DRIN

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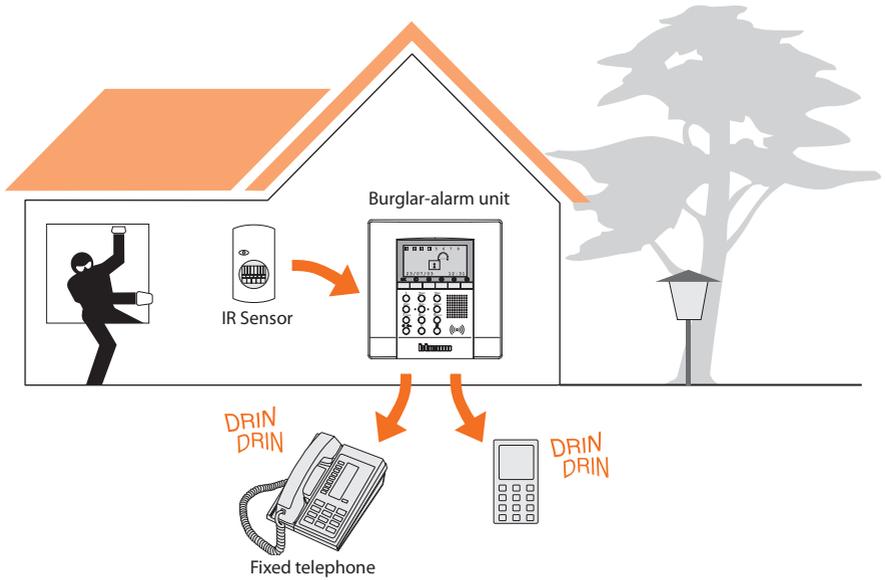
Example 2: enabling/disabling the burglar alarm upon user's request

Burglar-alarm unit

IR Sensor

Fixed telephone
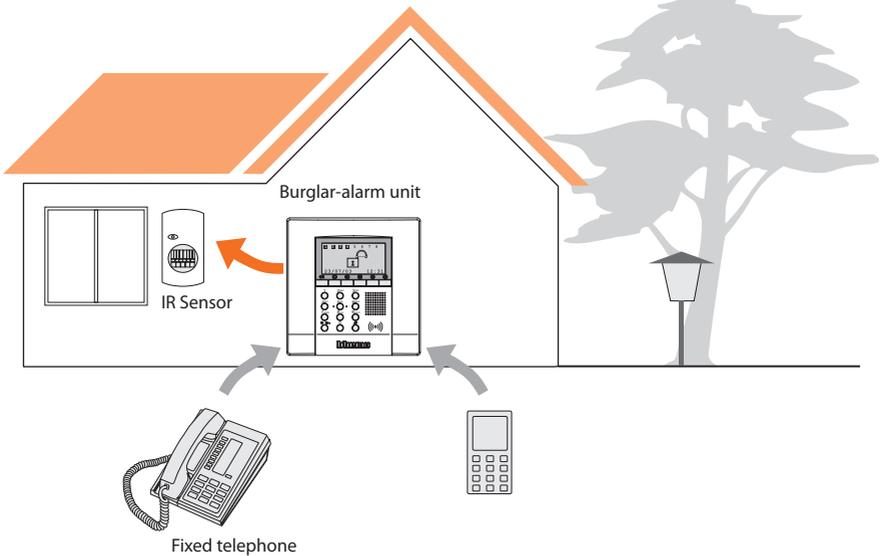
3 INSTALLATION

3.1 BACK VIEW OF UNIT

Battery housing

Telephone line IN

Telephone line OUT

Local contacts

Tamper line (see note)

Local tamper T1

Reset pushbutton

Slide switch ON OFF

SCS Bus

Serial connector for programming from PC (with cable Item 335919 or item 3559)
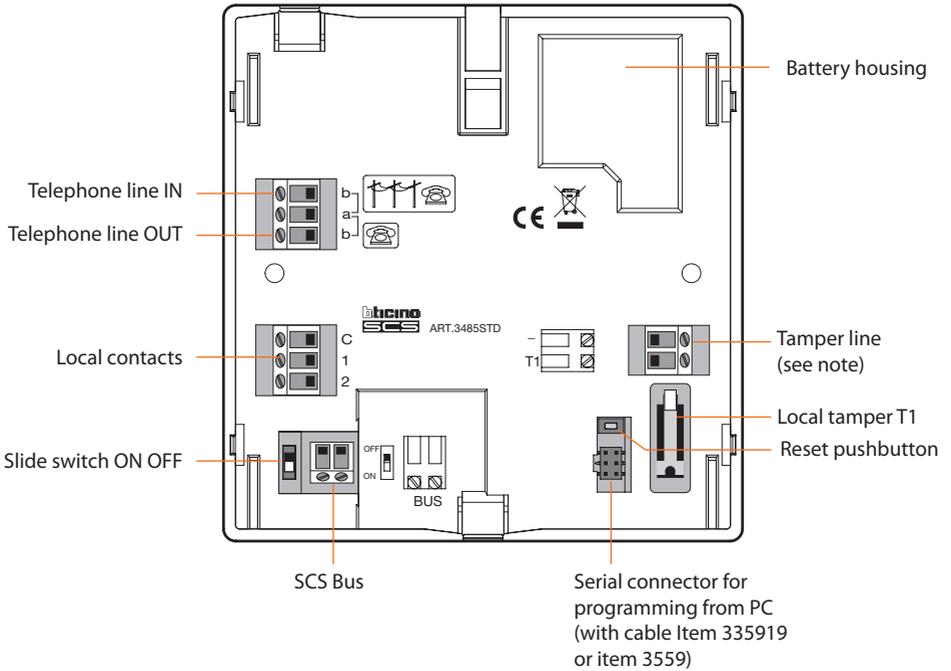
NOTE: The Unit is supplied with tamper line terminals (– / T1) circuited for using the local tamper T1 (wall-mounting installation with metal base).

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3 INSTALLATION

3.2 INSTALLATION WITH SUPPLIED METAL BASES

Fasten the bases to the wall as shown in the picture.

Box 503

Telephone line

SCS pair

A

Cable holes

Unit Base
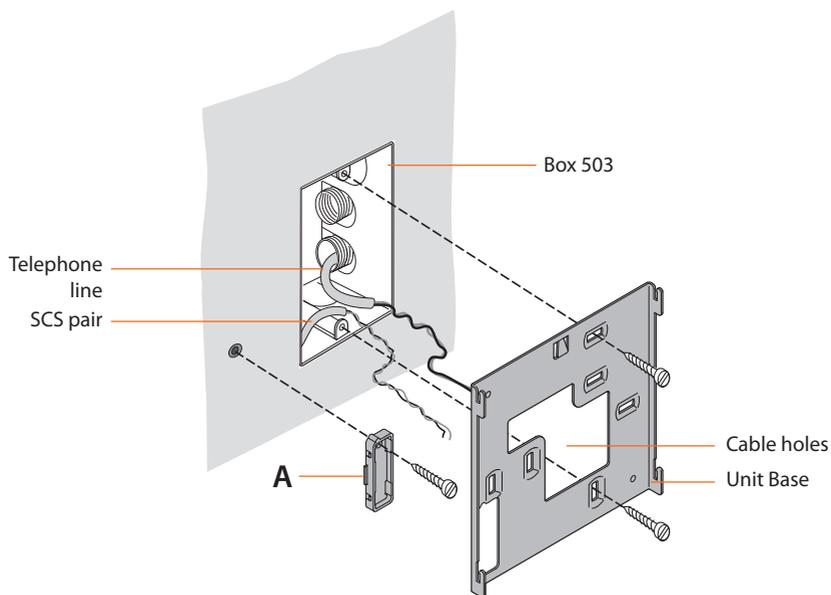
3.3 CONNECTING THE BATTERY

Connect the battery to its connector, minding the polarities shown inside the housing.
Before connecting, make sure the slide switch is in **OFF** position.
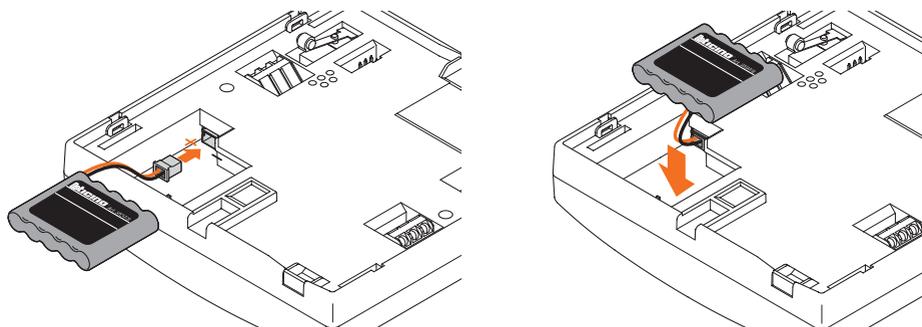
When leaving the system in maintenance for a long time, it is recommended that the battery is disconnected to avoid damage.

3 INSTALLATION

3.4 INSTALLING THE UNIT

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

Note: Before fastening the burglar-alarm unit, make sure the slide switch on the back is in **ON** position.
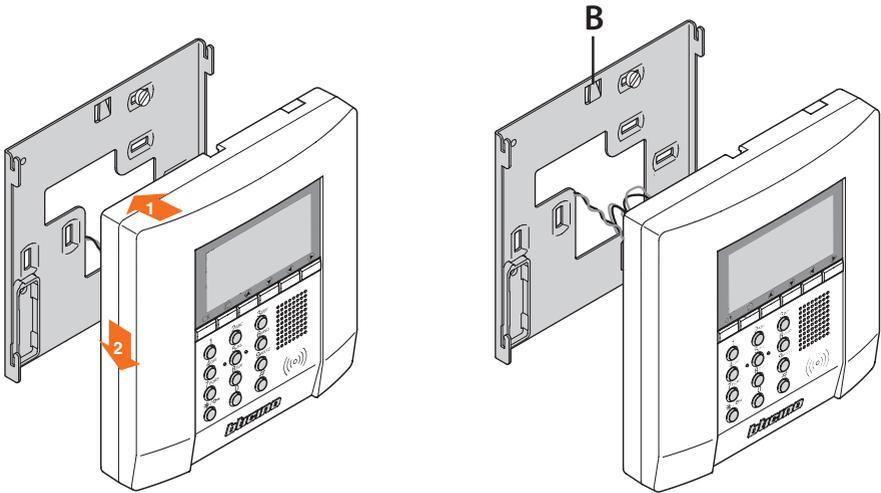
⚠ To remove the Unit from the base, lower wing **B** and push upwards.

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3   INSTALLATION

3.5   CONNECTION TO THE PSTN 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).
Ensure that the telephone line is suitably protected from overvoltage (e.g. PLT1).
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 is recommended, ensuring that the corresponding grounding clamp of the SPD discharge device found in the apartment control board and marked with "ground" is connected. 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.
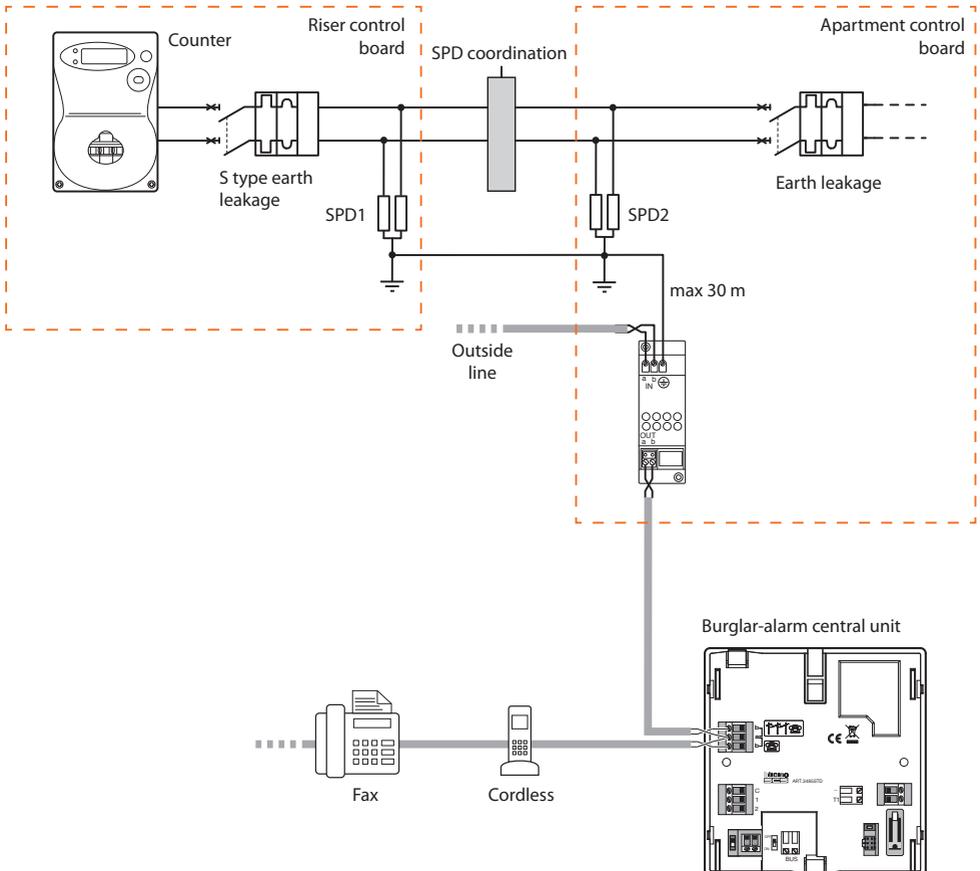
Check that the contract with the fixed line provider allows the use of an DTMF tone device (such as Faxes and Answering machines). Otherwise get in touch with them.

3   INSTALLATION

3.6   TELEPHONE CONNECTION WITH 3489GSM CONVERTER
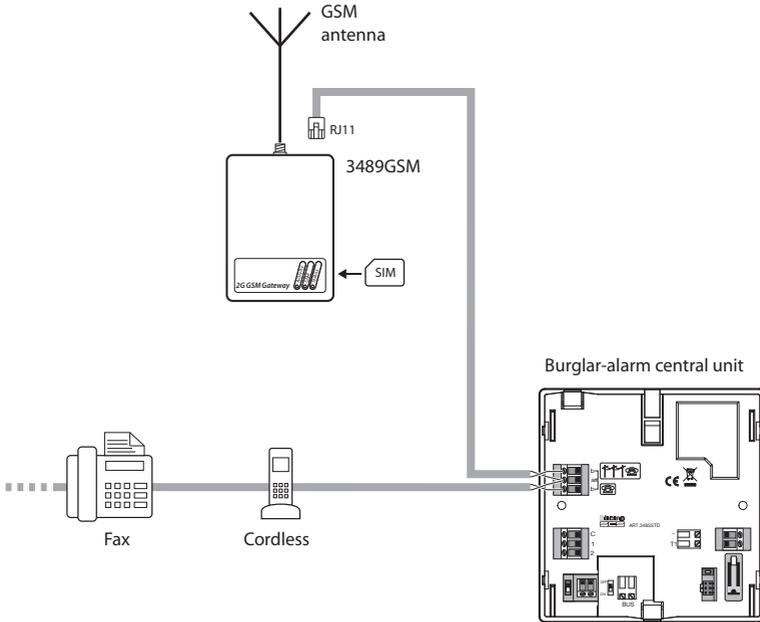
Check that the contract with the telephone service providers allows the use of DTMF communication devices (such as faxes and answering machines), otherwise contact the service provider.

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.
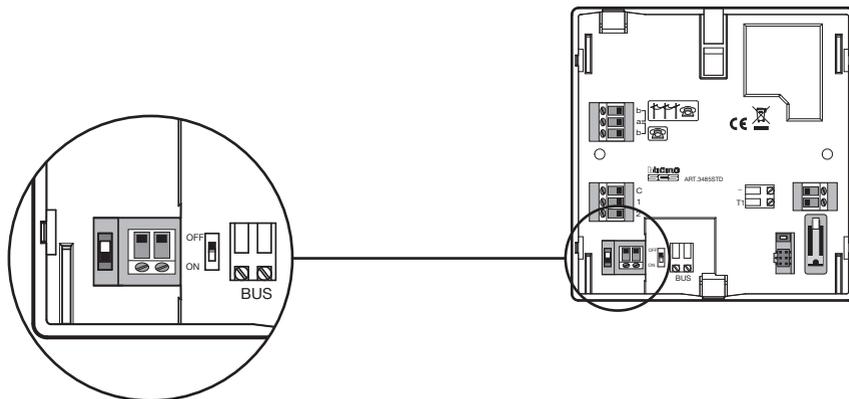
To activate the Unit and make it operational:

- choose the language
- have the Unit execute the learning
- flip the slide switch to **ON**
- fit the central unit on its wall bracket
- press Ⓒ twice to escape from the maintenance menu
- go back to the maintenance menu
- test the system by verifying the sensors
- program a transponder key or a numeric code
- enter hour and date
- edit the names of the zones, devices and division scenarios

4   FIRST ACTIVATION

4.1   SELECTING THE LANGUAGE

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

```
     MANUTENZIONE

 Lingua
 Programma chiavi
 Test sistema
 Apprendimento
```
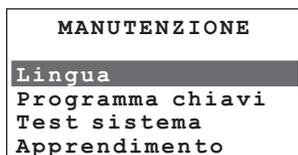
When switching ON the first time, the Language menu is already selected

OK   Enter by pressing OK

```
        LINGUA

 Deutsch
 English
 Español
 Français
```
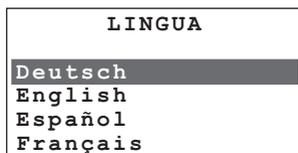
Choose required language

```
        LINGUA

 English
 Español
 Français
 Italiano
```

OK   Enter by pressing OK

```
      ATTENZIONE
      il tasto OK
   reinizializzerà
     tutti i nomi
 Conferma = OK
 Annulla  = CLEAR
```
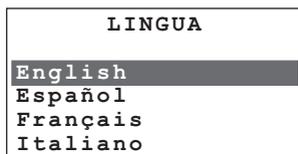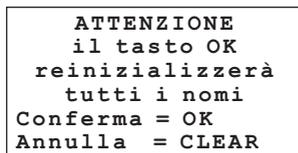
OK   A check page is displayed, which allows you to choose if you want to reinitialize all set names

Ⓒ

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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.

```
    MAINTENANCE

Language
Key program
System test
Learning
```

Select **Learning**

```
    MAINTENANCE

Language
Key program
System test
Learning
```

OK Press OK to enter

```
    LEARNING

zone: 0   num.: 1
type : not exist
tamper : OFF
◄   automatic   ►
```
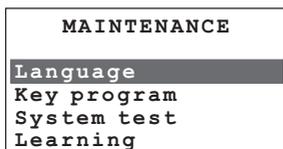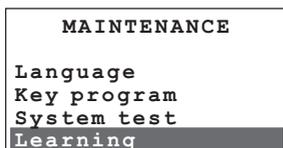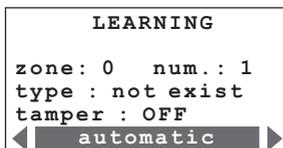
After pressing OK, the display looks like the figure opposite

OK Press OK to start the learning function

```
    Learnig
    ended

  no problem
```
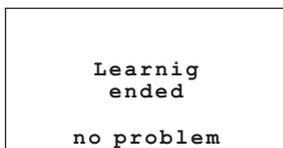
At the end, this message will appear:
"learning ended
no problem"
(instead, if the message "tamper problem"
appears, press Ⓒ, press **OK** and, with the side arrow, go to the manual configuration and check the device showing "Tamper: ON" with the down arrow. Eliminate the problem and repeat the automatic learning function)

NEXT

4   FIRST ACTIVATION

4.2   LEARNING

At the end of the system learning procedure, the screen for the configuration of the local inputs appears.

```
      LOCAL INPUT
           01
Z =            *
N =            *
MOD =          *
      EXECUTE
```
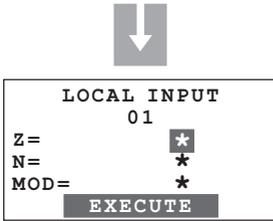
If you **do not want to use** the local contacts press Ⓒ to continue

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
⊛ ⓪ ＃

If you want to use, configure the contacts by indicating the following values
Z = zone (values from 1 to 8)
N = device number (values from 1 to 9)

```
      LOCAL INPUT
           01
Z =            2
N =            2
MOD =          *
      EXECUTE
```

▼ Press to go to the next configurator

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
⊛ ⓪ ＃

The **MOD** configurator defines the operating mode of the contact:
0 = NC contact
1 = NC delayed contact
2 = NO contact
3 = NO delayed contact

```
      LOCAL INPUT
           01
Z =            2
N =            2
MOD =          0
      EXECUTE
```
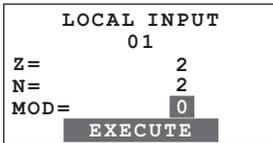
OK   Once the configuration procedure has been completed press OK to continue

```
Do you want to
send the
configuration to
display devices?
send     = OK
do not send= CLEAR
```
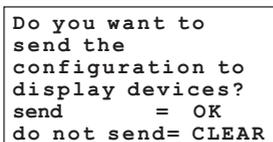
CONTINUE

4 FIRST ACTIVATION

4.2 LEARNING

The request appears, to send the configuration to display devices (e.g. keypad connector with display); this will enable the device not only to show the notification of occurred alarms, but also to indicate the zone and the sensor that detected it.

```
Want to send
configuration
to display
devices?
send  = OK
do not send =CLEAR
```

If there are display devices in the system:
Press OK to enter

On the contrary
Press Ⓒ to cancel

```
Prepare
system for
configuration

send  = OK
do not send =CLEAR
```

Set up the devices to receive the installation as indicated in their installation manuals

Press OK to enter

Press Ⓒ to cancel

```
Transmission
error.
Try again
config. TX = OK
exit conf.=CLEAR
```

If the page at the side appears make sure that all the devices are correctly connected to the bus and ready to receive the configuration.

Press OK to enter

Press Ⓒ to cancel

```
    System
   config. OK
```

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
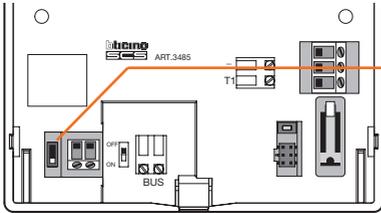
Flip the slide switch to **ON**
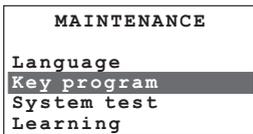
```
    MAINTENANCE

Language
Key program
System test
Learning
```

Press © to escape from the Maintenance menu

```
    ANTITHEFT

Commands
Automations
Settings
Maintenance
```

Hold down © to go back to the initial page

```
1 2 3 4 -- -- -- --

01/01/08    00:00
```

bticino
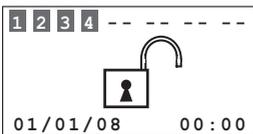
4 FIRST ACTIVATION

4.4 SYSTEM TEST

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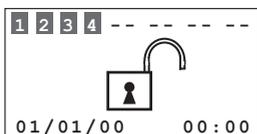
OK Press OK

① ② ③
④ ⑤ ⑥ Enter the **Maintenance Code**
⑦ ⑧ ⑨ (basic 00000)
⊛ ⓪ #
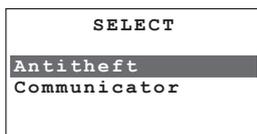
Select the Burglar alarm (Antitheft) menu and press OK to enter

Select the Maintenance menu and press OK to enter
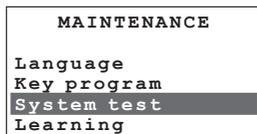
OK Enter System test

4 FIRST ACTIVATION

4.4 SYSTEM TEST

Execute the checks as shown below:

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

When activating the local contact (for example by opening the window the contact is connected to), the corresponding indication on the display of the central unit must change from **OFF** to **ON**.
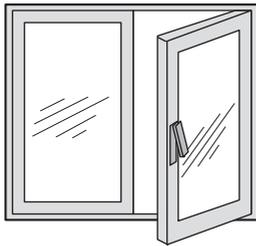
```
    Sensor check
 Use CLEAR to exit

IN1=ON      IN2=OFF
 M30    PIC    HW
**.** **.**   *.*
```

Once the system checks have been completed, exit the Maintenance menu as described in paragraph 4.3

lbticino

4 FIRST ACTIVATION

4.5 PROGRAMMING THE SCENARIOS

The Control unit has 16 division scenarios. As a basis all the scenarios are enabled and all the zones are activated.
The scenarios can be customised as required by means of the following procedure.

Select **Scenarios** from the Maintenance menu

```
      SCENARIOS
01: scenario    1
    12345678
02: scenario    2
    12345678
◄     Rename     ►
```
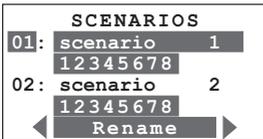
Select function **Rename** with the ◀ ▶ keys

OK Press OK to enter

```
      SCENARIOS
01: Night
    12345678
02: scenario    2
    12345678
◄    Memorize    ►
```

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
✱ ⓪ #
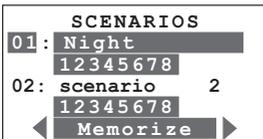
Type a name which identifies the scenario

OK Press OK to enter

```
      SCENARIOS
01: Night
    12345678
02: scenario    2
    12345678
◄     Modify     ►
```
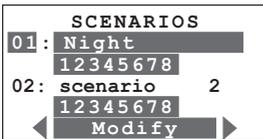
Select function **Modify** with the ◀ ▶ keys

OK Press OK to enter

```
      SCENARIOS
01: Night
    12345678
02: scenario    2
    12345678
◄    Memorize    ►
```

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
✱ ⓪ #
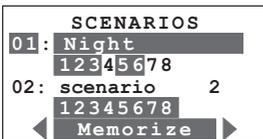
With the numeric keys select the zones which must not be activated

OK Press OK to enter

```
      SCENARIOS
01: Night
    12345678
02: scenario    2
    12345678
◄     Disable    ►
```

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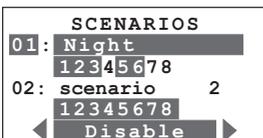
When the scenarios have been customised, hold down the Ⓒ pushbutton until the initial page appears

4   FIRST ACTIVATION

4.6   KEY PROGRAM - TRANSPONDER

Select **Key program** from the Maintenance menu
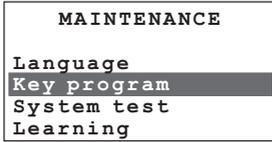
```
    MAINTENANCE

Language
Key program
System test
Learning
```

OK   Press OK to enter

```
   KEY PROGRAM
01:Key   1
02:Key   2
03:Key   3
04:Key   4
◄       New        ►
```

OK   Press OK again

```
   KEY PROGRAM

  Waiting key...

```
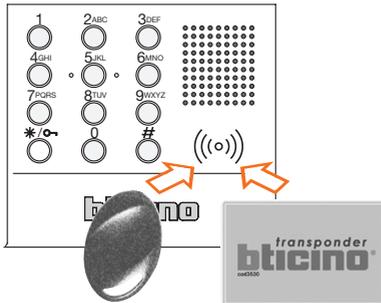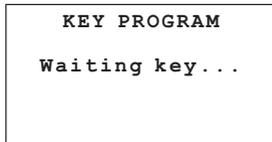

Bring the transponder key (less than one centimeter) near the reader. When programming is completed, **Programming performed** appears on the display. Whenever the transponder has already been saved the control unit will return to the list of keys showing the existing one in case you want to modify it.

NEXT

bticino

4 FIRST ACTIVATION

4.6 KEY PROGRAM - TRANSPONDER

```
      KEY PROGRAM
01: ▌
02:Key  2
03:Key  3
04:Key  4
◀     Memorize      ▶
```

① ② ③
④ ⑤ ⑥   Type an identification name for the
⑦ ⑧ ⑨   transponder
⊛ ⓪ #

```
      KEY PROGRAM
01:transponder 1
02:Key  2
03:Key  3
04:Key  4
◀     Memorize      ▶
```

OK   Press OK to enter

```
      KEY PROGRAM
01:transponder 1
02:Key  2
03:Key  3
04:Key  4
◀      Enable       ▶
```

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

OK   Press OK to enter

```
      KEY PROGRAM
01:transponder 1
02:Key  2
03:Key  3
04:Key  4
◀      Disable      ▶
```

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

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

Notation on transponder use:

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

4 FIRST ACTIVATION

4.7 KEY PROGRAM - NUMERIC CODE

Select **Key program** from the Maintenance menu

```
    MAINTENANCE

Language
Key program
System test
Learning
```

OK   Press OK to enter

```
    KEY PROGRAM
01:Key  1
02:Key  2
03:Key  3
04:Key  4
         New
```

OK   Press OK again

```
    KEY PROGRAM

  Waiting key...

```

✳/⚿   Press the ✳/⚿ key

```
   Key program

   enter code

```

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
✳ ⓪ #
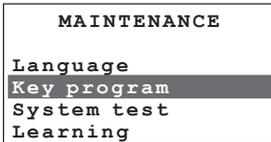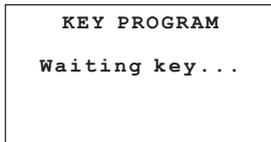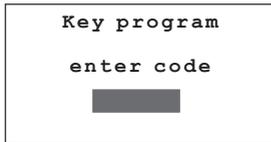
NEXT

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.

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4 FIRST ACTIVATION

4.7   KEY PROGRAM - NUMERIC CODE

```
    KEY PROGRAM
01:█
02:Key  2
03:Key  3
04:Key  4
◄     Memorize     ►
```

① ② ③
④ ⑤ ⑥   Type an identification name for the
⑦ ⑧ ⑨   numeric code
✳ ⓪ #

```
    KEY PROGRAM
01:Code 1
02:Key  2
03:Key  3
04:Key  4
◄     Memorize     ►
```

OK   Press OK to enter

```
    KEY PROGRAM
01:Code 1
02:Key  2
03:Key  3
04:Key  4
◄      Enable      ►
```

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

OK   Press OK to enter

```
    KEY PROGRAM
01:Code 1
02:Key  2
03:Key  3
04:Key  4
◄      Disable     ►
```

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

Notation on numeric code use:

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

4   FIRST ACTIVATION

4.8   KEY PROGRAM - RADIO REMOTE CONTROL

Select **Key program** from the Maintenance menu

```
    MAINTENANCE
Language
Key program
System test
Learning
```

OK   Press OK to enter

```
    KEY PROGRAM
01:Key  1
02:Key  2
03:Key  3
04:Key  4
◄       New        ►
```

OK   Press OK again

```
    KEY PROGRAM

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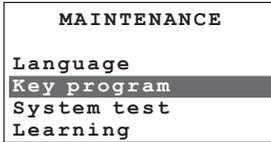
Press one of the radio remote control keys.
Whenever the remote control has already been
saved the control unit will return to the list of
keys showing the existing one in case you want
to modify it.

NEXT

⚠ **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
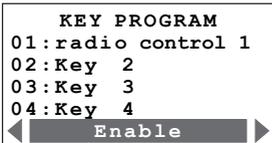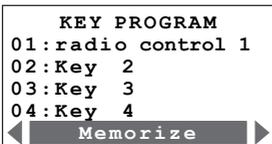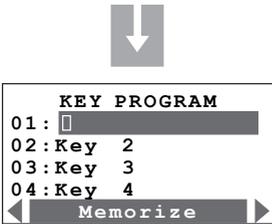
4.8   KEY PROGRAM - RADIO REMOTE CONTROL

```
       KEY PROGRAM
01: ▯
02:Key  2
03:Key  3
04:Key  4
◄     Memorize     ►
```

① ② ③
④ ⑤ ⑥   Type an identification name for the
⑦ ⑧ ⑨   remote control
✳ ⓪ ⌗

```
       KEY PROGRAM
01:radio control 1
02:Key  2
03:Key  3
04:Key  4
◄     Memorize     ►
```

OK   Press OK to enter

```
       KEY PROGRAM
01:radio control 1
02:Key  2
03:Key  3
04:Key  4
◄      Enable      ►
```

Select function **Enable** with the ◄ ► keys

OK   Press OK to enter

```
       KEY PROGRAM
01:radio control 1
02:Key  2
03:Key  3
04:Key  4
◄      Disable     ►
```

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

Ⓒ   When key programming is completed, hold
down the Ⓒ 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

4.9   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.

```
    MAINTENANCE

Language
Key program
System test
Learning
```
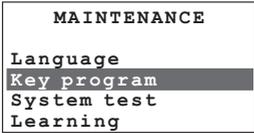
Select **Key program** from the Maintenance menu

OK   Press OK to enter

```
    KEY PROGRAM
01:rem. control 1
02:rem. control 2
03:transponder 1
04:transponder 2
◄      Rename      ►
```
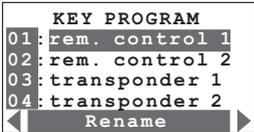
Select the key to limit using the ▲ ▼ keys

```
    KEY PROGRAM
01:rem. control 1
02:rem. control 2
03:transponder 1
04:transponder 2
◄      Rename      ►
```
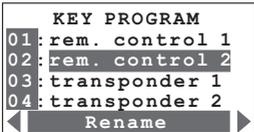
Select function **Select** with the ◄ ► keys

```
    KEY PROGRAM
01:rem. control 1
02:rem. control 2
03:transponder 1
04:transponder 2
◄      Select      ►
```

OK   Press OK to enter

```
02:rem. control 2
code:        IR
Week limits:
 M  T  W  T  F  S  S
 1  2  3  4  -  -  -  -
00:00 ◄--► 23:59
```
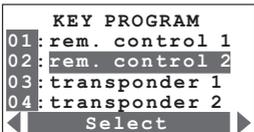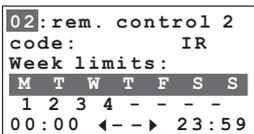
①②③
④⑤⑥   With the numeric keys select the days
⑦⑧⑨   when the key cannot be used.
＊⓪＃   (1=Monday; 2=Tuesday etc.)

NEXT

ltticino

4 FIRST ACTIVATION

4.9 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

OK   Press OK to enter

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

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
⊛ ⓪ #

Press the numeric keys corresponding to the zones which must not be activated by the key
Or, using the ◄ ► keys select one of the 16 available scenarios

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

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

OK   Press OK to enter

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

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
⊛ ⓪ #

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

OK   Press OK to enter

Ⓒ   Press Ⓒ to return to the page which presents the list of keys

4 FIRST ACTIVATION

4.10 SETTING THE DATE AND HOUR

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

```
     SELECT

 Antitheft
 Communicator
```

OK Enter **Burglar alarm (Antitheft)**

```
    ANTITHEFT

 Scenarios
 Zones
 Devices
 Event memory
```

▼ Select **Date and hour**

```
    ANTITHEFT

 Zones
 Devices
 Event memory
 Date and hour
```

OK Enter

```
  DATE and HOUR

 hour:   00:00
 date:   01/01/00
 ◀   SLAVE   ▶
```
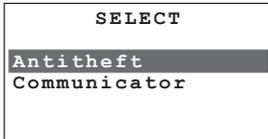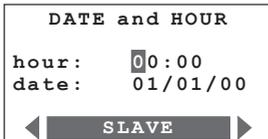
① ② ③   Set the date and hour (day/month/year) by
④ ⑤ ⑥   using the alphanumeric keypad.
⑦ ⑧ ⑨   (to set SLAVE/MASTER, see par. 6.5)
✳ ⓪ #

```
  DATE and HOUR

 hour:   14:22
 date:   25/03/08
 ◀   SLAVE   ▶
```
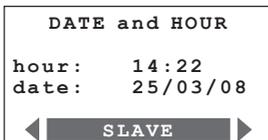
OK Press **OK** to enter, the day of the week is automatically updated

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4   FIRST ACTIVATION

4.11 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.

```
       SELECT

 Antitheft
 Communicator


```

OK   Enter **Burglar alarm (Antitheft)**

```
      ANTITHEFT

 Scenarios
 Zones
 Devices
 Event memory
```
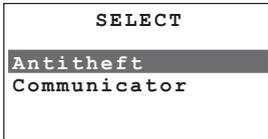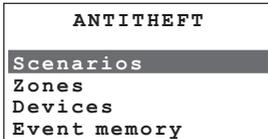
OK   Select and enter **Zones** menu

```
        ZONES
 1:Zone 1
 2:Zone 2
 3:Zone 3

      Rename
```
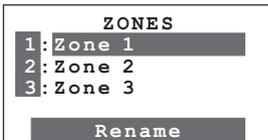
Use keys ▲ ▼ to select the zone you want to rename

OK   Enter selection

```
        ZONES
 1:Zone 1
 2:Zone 2
 3:Zone 3

     Memorize
```
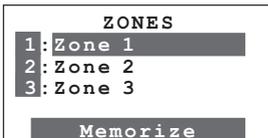
① ② ③
④ ⑤ ⑥   Use the alphanumeric keypad (section 2.3)
⑦ ⑧ ⑨   to type the zone name (e.g. entrance)
⊛ ⓪ ⌗

```
        ZONES
 1:Entrance
 2:Zone 2
 3:Zone 3

     Memorize
```
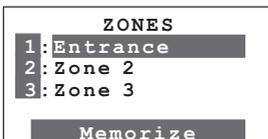
OK   Press OK to memorise

4 FIRST ACTIVATION

4.12 RENAMING THE DEVICES

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

```
SELECT

Antitheft
Communicator
```

OK — Enter **Burglar alarm (Antitheft)**

```
ANTITHEFT

Scenarios
Zones
Devices
Event memory
```
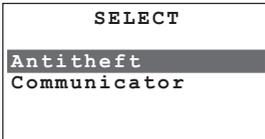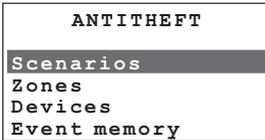
Use the keys ▲ ▼ to select **Devices**

OK — OK to enter

```
DEVICES
11 cont. int.
  peripheral 1
  enabled
  delay OFF
◀ Deactivate ▶
```
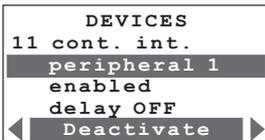
Use the keys ▲ ▼ to select the device you want to rename

OK — Enter selection

```
DEVICES
11 cont. int.
  _
  enabled
  delay OFF
◀ Rename ▶
```
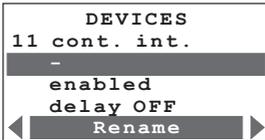
Use keys ◀ ▶ to select the Rename function and press OK

① ② ③
④ ⑤ ⑥   Use the alphanumeric keypad (section 2.3)
⑦ ⑧ ⑨   to type the device name (e.g. Living room
⊛ ⓪ #   window)

```
DEVICES
11 cont. int.
  Living Room Win.
  enabled
  delay OFF
◀ Memorize ▶
```

OK — Press OK to memorise

5 PROGRAMMING

5.1 PROGRAMMING FROM PERSONAL COMPUTER

Type of program

The Unit can be programmed by using the TiSecurity 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.

```
        MAINTENANCE

   Language
   Key program
   System test
   Learning
```
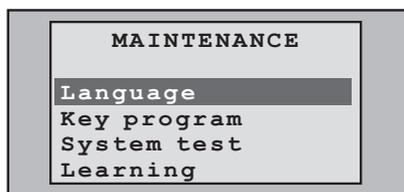
Start TiSecurityStandard program

Connect cable when requested and then follow the program procedure
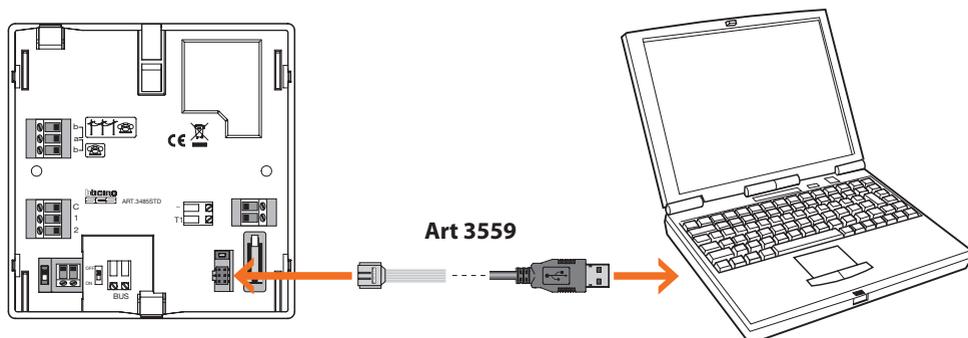
Art 3559

For further information, see TiSecurityStandard 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.bticino.it
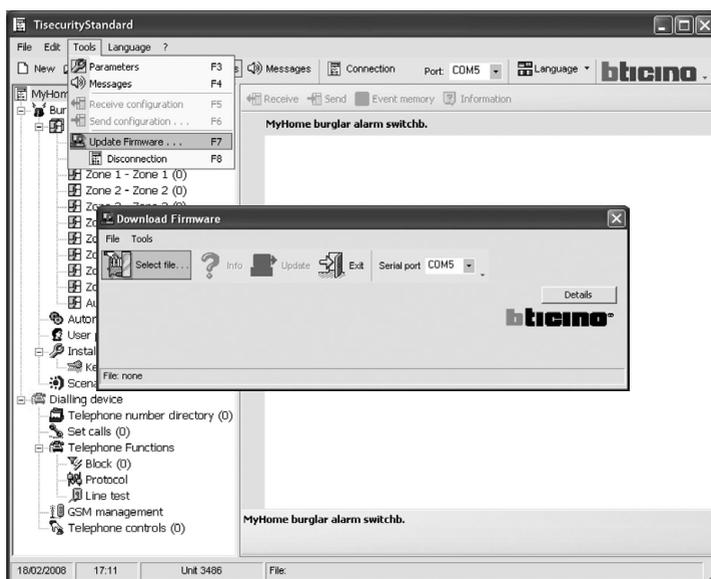
⚠ **Before starting the firmware updating procedure position the slide switch on OFF**

For further information, see TiSecurityStandard software manual

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.
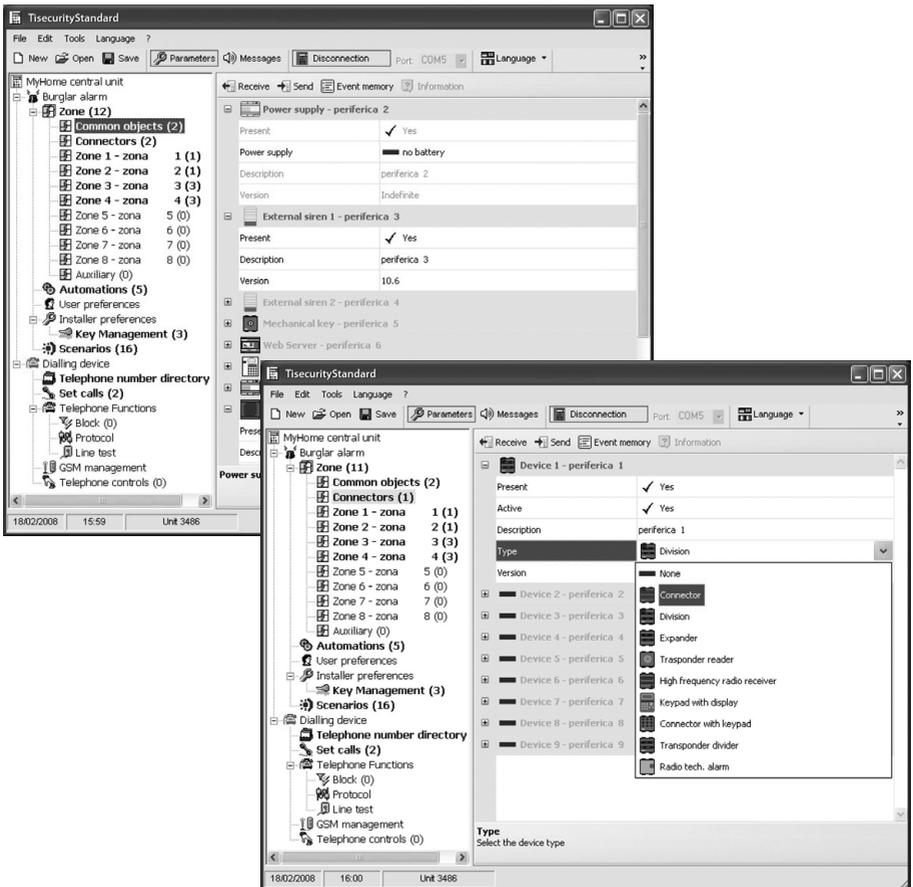
For further information, see TiSecurityStandard software manual

⚠ **Each time the configuration is changed using TiSecurityStandard, 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
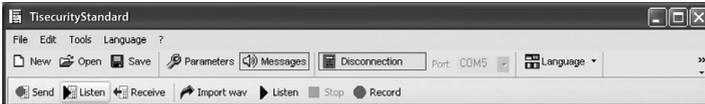
- **Receive:** transfers all vocal messages from the Unit to the PC, letting you change and save it as a project file

- **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
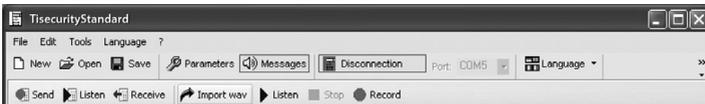
- **Listen:** lets you listen to the vocal messages from the PC loudspeakers

- **Record:** for recording messages through a microphone connected to the PC
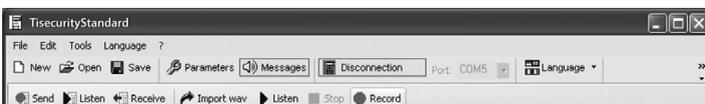
For further information, see TiSecurityStandard software manual

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.
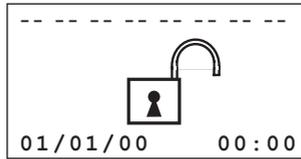
5   PROGRAMMING

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.

bticino

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.
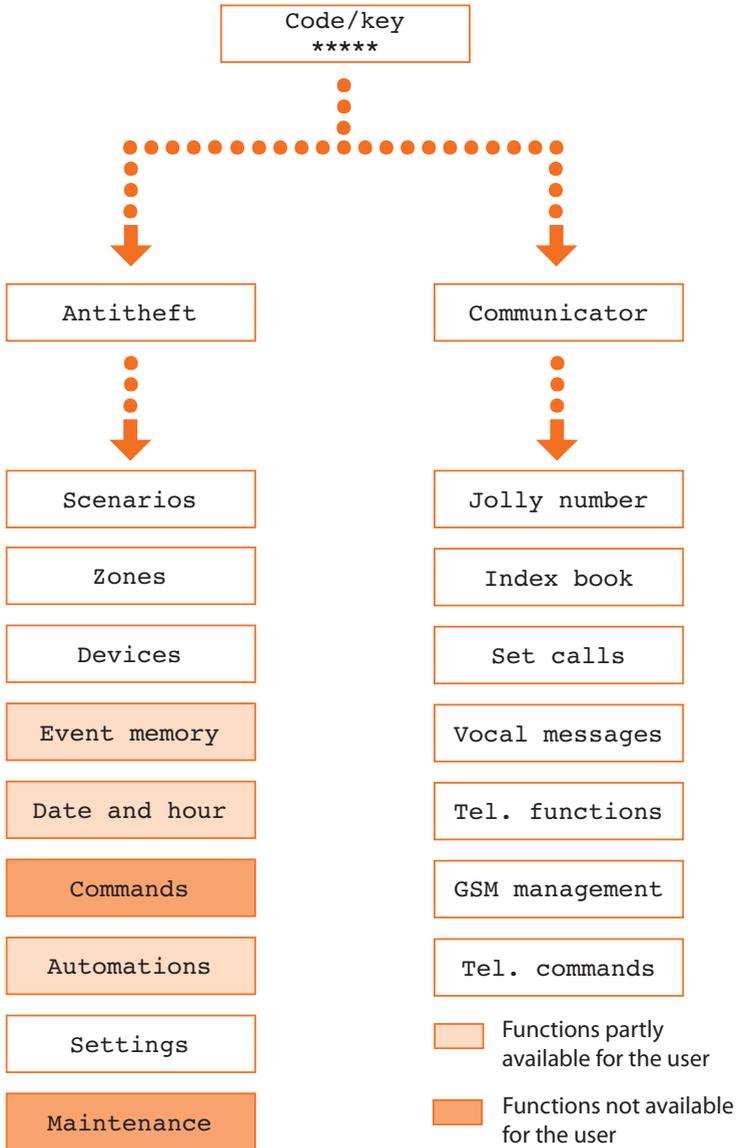
```
                        ┌──────────────┐
                        │  Code/key    │
                        │   *****      │
                        └──────────────┘
```

Antitheft	Communicator
Scenarios	Jolly number
Zones	Index book
Devices	Set calls
Event memory	Vocal messages
Date and hour	Tel. functions
Commands	GSM management
Automations	Tel. commands
Settings	
Maintenance	

Functions partly available for the user

Functions not available for the user

6 BURGLAR-ALARM MENU

Scenarios — Zones — Devices — Event memory — Date and hour — Commands — Automations — Settings — Maintenance

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.

Active zones ——

Functions ——

Name that can be edited
Zone disabled

```
        SCENARIOS
01:scenario      1
   1234
02:scenario      2
   1234----
◀       Disable       ▶
```

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 - erase 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.**

bticino

6 BURGLAR-ALARM MENU

| Scenarios | Zones | Devices | Event memory | Date and hour | Commands | Automations | Settings | Maintenance |
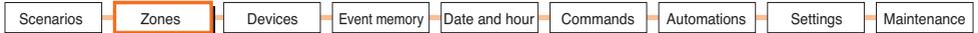
6.2 ZONES

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.

Active zones ——

Zone disabled ——

Functions ——

```
           ZONES
1:Entrance
2:Perimeter
3:Night

         Rename
```

—— Name that can be edited

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

6   BURGLAR-ALARM MENU

Scenarios — Zones — **Devices** — Event memory — Date and hour — Commands — Automations — Settings — Maintenance
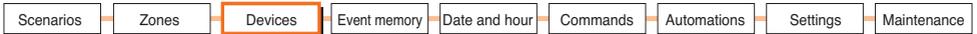
6.3   DEVICES

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

Zone (e.g. 1) and number of the peripheral device (e.g. 1)

Peripheral device status

Functions

```
        DEVICES
01 switch
      Entrance
      enabled
      delay OFF
◄    Deactivate    ►
```

Type of peripheral device (e.g. IR sensor)

Name that can be edited (max 16 characters)

Delay on activation (only for devices configured as delayable)
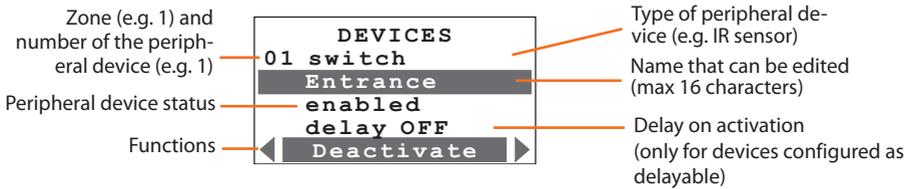
Use the vertical scroll keys ▲ ▼ to select the peripheral device

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

Activate - activates the selected peripheral device; enter activation by pressing OK.

Deactivate - deactivates the selected peripheral device; **all peripheral devices are enabled** after the first activation; enter deactivation by pressing OK.

Disabling one or more peripheral devices may jeopardize the burglar-alarm safety. For this reason, a check page is displayed in order to avoid unintentional deactivations.

Disabling a mechanical key and the devices assigned to zone 0 causes their functions to be lost except for the connectors, which continue to operate.

Note: Disabling is referred to the burglar-alarm functions and 24-hour functions.

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

Delay ON - if a device is configured as delayable, the Control unit proposes enabling the input delay.
This function gives the possibility to delay the input alarm activation for each sensor; (program the delay duration in the Settings menu, sec. 6.8); enter by pressing OK.

Delay OFF - no delay: if an event is recorded, the sensor will immediately activate the alarm; enter by pressing OK.

bticino

6 BURGLAR-ALARM MENU

| Scenarios | Zones | Devices | Event memory | Date and hour | Commands | Automations | Settings | Maintenance |
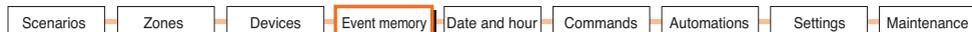
6.4 EVENT MEMORY

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.

Recording date and hour of the event

Sensor that has detected the event (zone 4 sensor 1)

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

Progressive number

Type of recorded event (see table of events sec. 8.4)
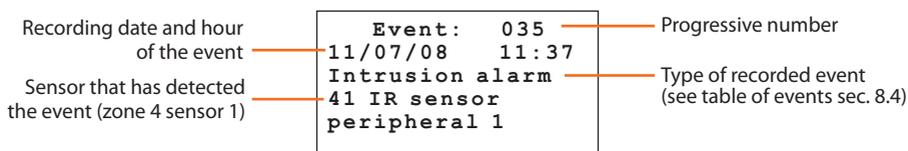
It is possible to display all stored events one after the other with the ▲ ▼ keys.

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
```

OK Press the OK key

```
    Erase?

OK      confirm
CLEAR   cancel
```

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

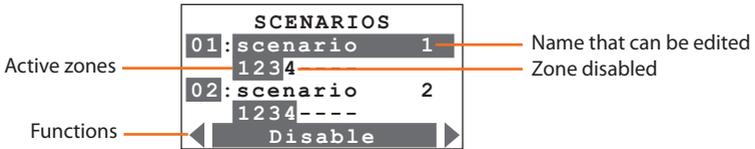OK Press OK to erase memory

```
    ATTENTION

    erasing
event memory
```

6 BURGLAR-ALARM MENU

| Scenarios | Zones | Devices | Event memory | Date and hour | Commands | Automations | Settings | Maintenance |

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:

```
┌────────────────────────┐
│     DATE and HOUR      │
│                        │
│  hour:    00:00        │
│  date:    00/00/00     │
│         saturday       │
│ ◀       SLAVE        ▶ │
└────────────────────────┘
```
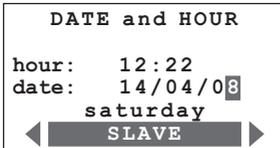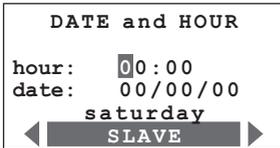
Use numeric keys to set hour and date; by typing a number, the cursor moves to the next one; use the ▲ ▼ keys to move the cursor from the time line to the date line and vice-versa

```
┌────────────────────────┐
│     DATE and HOUR      │
│                        │
│  hour:    12:22        │
│  date:    14/04/08     │
│         saturday       │
│ ◀       SLAVE        ▶ │
└────────────────────────┘
```

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)

```
┌────────────────────────┐
│     DATE and HOUR      │
│                        │
│  hour:    12:22        │
│  date:    14/04/08     │
│         saturday       │
│ ◀       MASTER       ▶ │
└────────────────────────┘
```

OK

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

```
┌────────────────────────┐
│      ANTITHEFT         │
│                        │
│  Zones                 │
│  Devices               │
│  Event memory          │
│  Date and hour         │
└────────────────────────┘
```

bticino

6 BURGLAR-ALARM MENU

Scenarios	Zones	Devices	Event memory	Date and hour	Commands	Automations	Settings	Maintenance
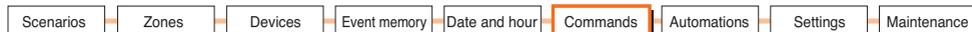
6.6 COMMANDS

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:

```
    COMMANDS
    Open Code

 [ ]
    Execute
```

① ② ③
④ ⑤ ⑥ Type in the Open Web Net code you want to
⑦ ⑧ ⑨ execute or a simplified code (see section 8.6)
⊛ ⓪ ⌗

```
    COMMANDS
    Open Code
 *1*1*54##
    Execute
```

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

```
    COMMANDS
    Open Code

 [ ]
 executed command
    Execute
```

Ⓒ Press Ⓒ 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

| Scenarios | Zones | Devices | Event memory | Date and hour | Commands | Automations | Settings | Maintenance |
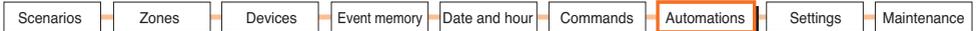
6.7   AUTOMATIONS

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

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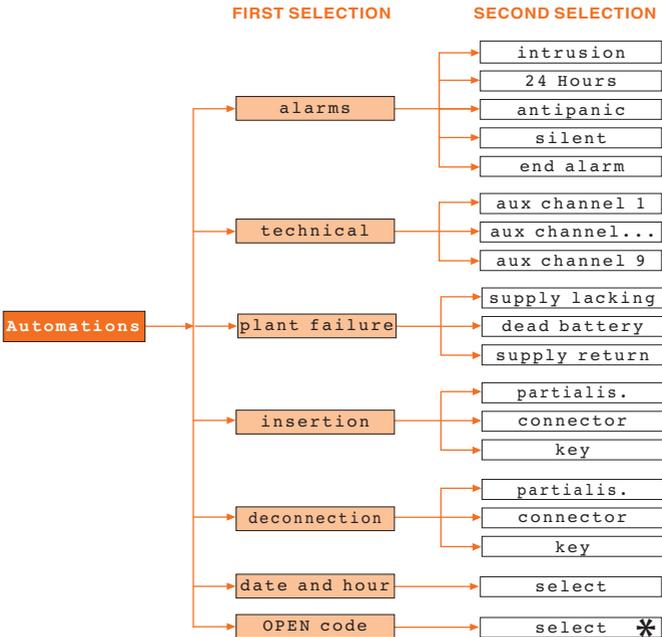
✱ NOTE: In this case, the Open code can be only of the Lighting or Automation type and of the point-point type (not applicable to general commands or group commands).

⚠ 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

| Scenarios | Zones | Devices | Event memory | Date and hour | Commands | Automations | Settings | Maintenance |

```
    ANTITHEFT

  Event memory
  Date and hour
  Commands
  Automations
```
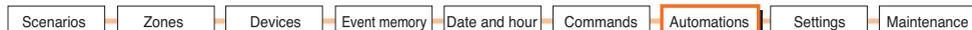
OK   Select Automations and press OK to enter.
      The automation list is displayed.

```
    AUTOMATIONS
  1:automation 1
  2:automation 2
  3:automation 3

◄     Rename     ►
```
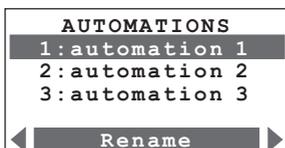
After selecting an option from the list with the ◄ ► keys, press
OK to enter

① ② ③   Type in the name you want to assign to the automa-
④ ⑤ ⑥   tion, for example "Switch ON lights", and then store it
⑦ ⑧ ⑨   by pressing OK
⁎ ⓪ #

```
    AUTOMATIONS
  1:Switch On Lights
  2:automation 2
  3:automation 3

◄     Event     ►
```
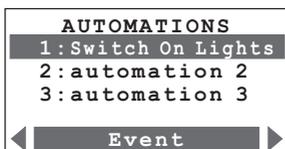
In the last line of the display, the word "Event" appears
Press OK to enter and to go to the next page

```
   SELECT EVENT
  Alarms
  Technical
  Plant failure

◄    intrusion    ►
```
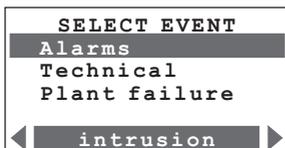
Use the ▲ ▼ keys for the FIRST SELECTION
(see Event diagram on previous page)
Use the ◄ ► keys for the SECOND SELECTION among those
that are associated (last line of display, e.g. intrusion)

NEXT

OK   Enter by pressing OK ; "Execute commands" is dis-
      played

6 BURGLAR-ALARM MENU

| Scenarios | Zones | Devices | Event memory | Date and hour | Commands | Automations | Settings | Maintenance |
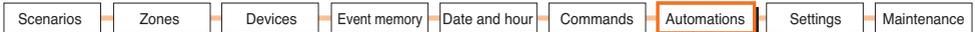
EXECUTE COMMANDS
open code

Modify

OK

① ② ③
④ ⑤ ⑥   Type in the Open Web Net code you want to execute
⑦ ⑧ ⑨   (see section 9)
⍟ ⓪ ⌗

EXECUTE COMMANDS
open code
*1 *1 *11 *##

Memorize

OK   Press OK to memorise automation

Ⓒ   Press Ⓒ to cancel the operation

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

AUTOMATIONS
1:Switch On Lights
2:automation 2
3:automation 3
◀ **Enable** ▶

OK   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

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

AUTOMATIONS
1:Switch On Lights
2:automation 2
3:automation 3
◀ **Erase** ▶

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

btïcïno

6 BURGLAR-ALARM MENU

| Scenarios | Zones | Devices | Event memory | Date and hour | Commands | Automations | Settings | Maintenance |
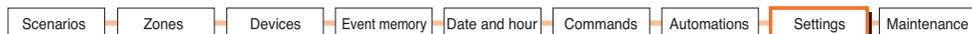
6.8 SETTINGS

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

```
       SETTINGS
Alarm lenght
Tamper al. lenght
Entry delay

       3 min.
```
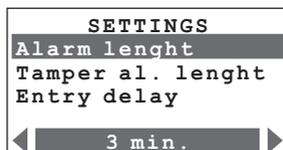
Use the vertical scroll keys ▲ ▼ to select one of the following required functions:

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.

User code - this function can modify the user code. In the factory setting the user and maintenance codes coincide and are both: **00000**. In this case one always has access to all the programming menus; modifying this setting the user code will not allow access to the menus reserved to the installer.

Key/Code - gives the list of transponder keys, remote controls and numeric codes. Use can be enabled or disabled for each of these; the codes can be customised.

Contrast - display contrast adjustment.

Sound signalling - if there are delayed devices in the system an audible signal can be enabled from the control unit and from all the connectors for the time set for the delay.

6   BURGLAR-ALARM MENU

Scenarios | Zones | Devices | Event memory | Date and hour | Commands | Automations | Settings | Maintenance
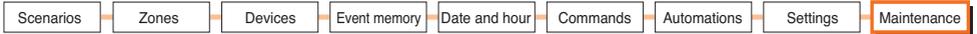
6.9   MAINTENANCE (FOR INSTALLER ONLY)

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

```
      MAINTENANCE

 Language
 Key program
 System test
 Learning
```
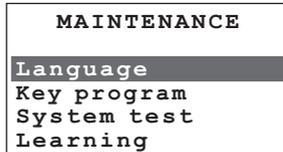
Use the vertical scroll keys ⬆ ⬇ to select one of the following required functions:

`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 4.6 and 4.9).

`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

| Scenarios | Zones | Devices | Event memory | Date and hour | Commands | Automations | Settings | Maintenance |
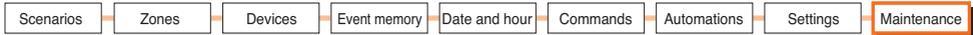
6.9 MAINTENANCE

`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 | 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").

```
    JOLLY NUMBER
00:name



◀      Rename      ▶
```

OK
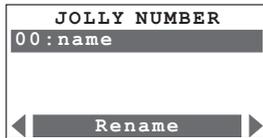
① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
⑳ ⑩ ⑭

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

```
    JOLLY NUMBER
00:my Mobile Phone



     Memorize
```
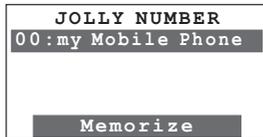
OK

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

```
    JOLLY NUMBER
00: my Mobile Phone
▢


◀    Tel. number    ▶
```

OK
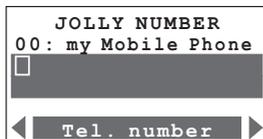
① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
⑳ ⑩ ⑭

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.

```
    JOLLY NUMBER
00: my Mobile Phone
332,1234567


     Memorize
```

OK
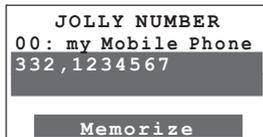
Press **OK** to enter

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

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7   DIALLING DEVICE MENU

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

7.1   JOLLY NUMBER

If the central unit is in **Portal** or **Ademco** mode, it is possible to set it to execute a telephone line test. The test can be executed once a day at a set time, or at intervals of 2, 6, 8, 12, 24, 120 o 336 hours.

```
    JOLLY NUMBER
00:My Home
    123456789


     Rename
```

After setting the jolly number for My Home or Ademco, use the ◀ ▶ keys to select Line Test

```
    JOLLY NUMBER
00:My Home
    123456789


    Line test
```

OK   Press OK to enter

```
    LINE TEST

Start hour: 22:00
Freq. Hours: OFF
```

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

```
    LINE TEST

Start hour: 20:30
Freq. HOURS: OFF
```

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

```
    LINE TEST

Start hour: 20:30
Freq. HOURS: 12
```

OK   Press OK to memorise

Ⓒ   Hold down the Ⓒ key until the initial page appears

7 DIALLING DEVICE MENU

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

7.2 INDEX BOOK

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

Modify - to enter a new number or edit an existing one
Erase - to erase the selected number from the index book

```
      INDEX BOOK
  01:name
  02:name
  03:name
  04:name
```

OK — After selecting an option from the list with the ▲ ▼ keys, press OK to enter

```
  INDEX BOOK
  01: Smith


◄     Rename     ►
```

OK
① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
✳ ⓪ #

Press OK to enter the function Rename and then type in the name you want to match the telephone number with

```
  INDEX BOOK
  01: Smith


     Memorize
```

OK — Press OK to enter the name. "In progress" will be displayed for a few seconds when the page is displayed again, the telephone number field will be highlighted

```
  INDEX BOOK
  01: Smith
  031,1234567

◄   Tel. number   ►
```

OK
① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
✳ ⓪ #

Press OK to enter and then type in the required telephone number. Use the # key to enter pauses. The pause will be displayed as a comma

```
  INDEX BOOK
  01: Smith
  031,1234567

     Memorize
```

OK — Press OK to memorise

ⓒ

Press ⓒ once to go back to the index book and enter other numbers (max 10 in all) or hold down the key until the initial page appears

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7   DIALLING DEVICE MENU

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

7.3   SET CALLS

This menu lets you match the telephone numbers stored in the index book with the alarm events detectable by the burglar alarm or any Open event chosen by the user; it is possible to match up to **4** telephone numbers with each event (in addition to the jolly number, which is common to all events).
There are three types of events (see diagram below)
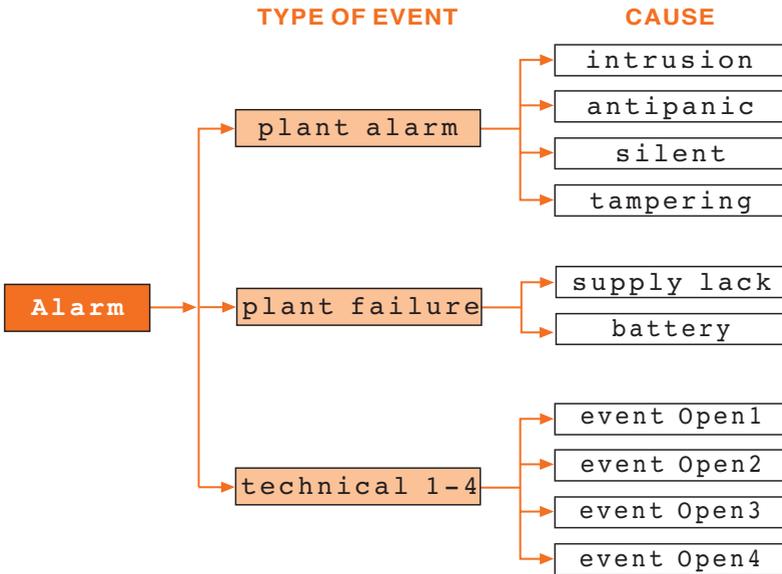
The **"plant alarm"** event and the **"plant failure"** event are those detected by the burglar alarm; **"technical"** events are established by the user. In this case, after matching the telephone numbers you intend to call, the Open code related to the event that will make the call will be requested (e.g. *5*12*#1## = activation of the gas detector)(see section 9). **"Technical"** events include remote assistance which only works on auxiliary channel 9.

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

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

7   DIALLING DEVICE MENU

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

7.3   SET CALLS

Setup procedure:

```
     SET CALLS
01: plant alarm
02: plant failure
03: technical 1

◄    disable    ►
```
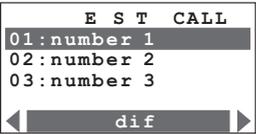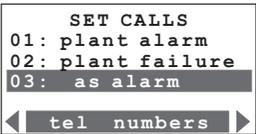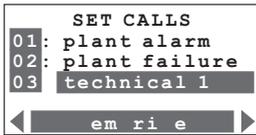
The calls can be enabled or disabled separately according to one's needs or eliminated by selecting the required function with the ◄ ► keys

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

```
     SET CALLS
01: plant alarm
02: plant failure
03  technical 1

◄    em ri e    ►
```

OK

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
* ⓪ #

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

```
     SET CALLS
01: plant alarm
02: plant failure
03:   as alarm

◄  tel  numbers  ►
```

OK

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

```
   E S T   CALL
01:number 1
02:number 2
03:number 3

◄      dif      ►
```

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

NEXT

7 DIALLING DEVICE MENU

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

7.3 SET CALLS

```
         E
01: Smith
02:   ffice
03:   lumber
0 :  name
```
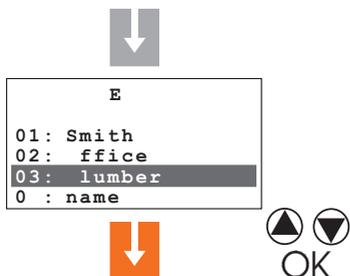
The list of the 10 telephone numbers included in the index book appears

⬆⬇ OK

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

```
      E S T   CALL
01:  lumber
02: number 2
03: number 3
◀        dif        ▶
```

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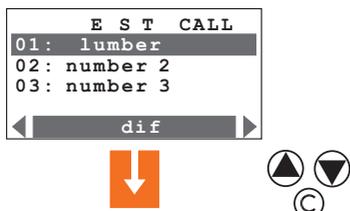
It is now possible to:
select another option and match another telephone number with the same event or press © to go back to the previous page of the menu and set up calls for other events

```
     SET CALLS
01: plant alarm
02: plant failure
03:  as alarm
◀      C mmand      ▶
```

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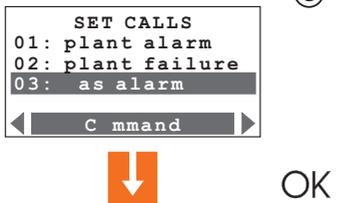
For technical alarms, after pressing © , the command request appears; press OK to enter

```
   E   c de



◀        dif        ▶
```

OK
① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
✳ ⓪ #
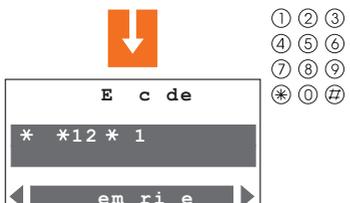
Press OK again and then dial the Open code (see section 9) related to the event that is to be signalled

```
   E   c de
✳  ✳12 ✳ 1

◀      em ri e      ▶
```

OK   Press OK to enter the code

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

7 DIALLING DEVICE MENU

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

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 *Personalizable messages*	Pre-recorded part	*Part to be recorded*	Pre-recorded part
MyHome system, warning + type of alarm (e.g. intrusion)	**Press a number to listen**	*Message recorded by.. name and address of user*	**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*			
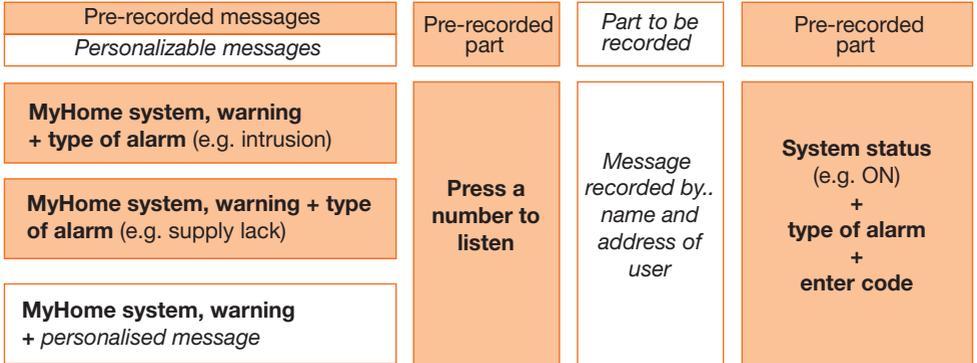
When recording the messages, watch the time available, which is set at **8 seconds** for the address and **2 seconds** for the other messages. However, it is possible to listen to the message again and, if the recording is incomplete or unsatisfactory, make a new one. The **pre-existing message will 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.

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7 DIALLING DEVICE MENU

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

7.4 VOCAL MESSAGES

Recording, listening and memorising procedure of vocal messages:

```
VOCAL MESSAGES
01: address
02: technical 1
03: technical 2

◄     Listen      ►
```

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

```
VOCAL MESSAGES
01: address
02: technical 1
03: technical 2

◄     Listen      ►
```

```
VOCAL MESSAGES
01: address
02: technical 1
03: technical 2

◄     Record      ►
```
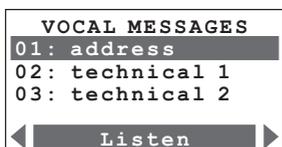
Use the horizontal keys to select the function "Record" and press OK to enter selection

```
VOCAL MESSAGES

   ********

◄     Record      ►
```

The available time indicator is displayed (asterisks)
- Start recording by speaking in a normal vocal in front of the Unit
- When the recording has been completed, select the function **"Listen"** to check the quality of the message

OK — If the recording was performed correctly, select "Memorize" and press OK ; "In progress" is displayed for a few seconds

```
VOCAL MESSAGES
01: address
02: technical 1
03: technical 2

◄     Memorize    ►
```

Press Ⓒ once to go back to the first page of this menu or hold down the key to escape from the programming

7   DIALLING DEVICE MENU

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

7.4   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
General technical alarm	4 - 5 - 6 - 7
Fire	8
Remote assistance	9

On the user manual, compile the table of vocal messages referring to the technical alarms
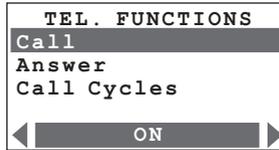
7   DIALLING DEVICE MENU

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

```
    TEL. FUNCTIONS
 Call
 Answer
 Call Cycles

          ON
```

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

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

ON: all calls enabled

OFF: all calls disabled.

After the selection, enter by pressing OK.

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.

When set to **OFF**, the Unit 3485STD **will not answer the calls.**

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.

7 DIALLING DEVICE MENU

| Jolly number | Index Book | Set Calls | Vocal Messages | Tel. Functions | 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 3485STD 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 | Tel. Commands |

7.5   TELEPHONE FUNCTIONS

`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 loudspeaker and, if connected, through the sound system (sound spread), too; allows remote room listening through the Unit microphone.

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

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

`PSTN Test Feq.` 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

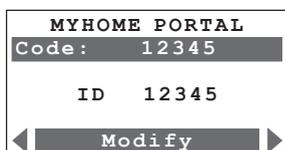| Jolly number | Index Book | Set Calls | Vocal Messages | Tel. Functions | Tel. Commands |

7.5   TELEPHONE FUNCTIONS

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

Portal: The central unit is also preset to be managed using the My Home Web portal (for more information visit www.myhome-bticino.it).

The Portal protocol setup must be completed by entering the code and the ID for access to the portal.

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

```
 MYHOME PORTAL
Code:    12345

    ID   12345

    Modify
```

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

OK   Press OK to activate the code modification
①②③   Type the portal access code
④⑤⑥
⑦⑧⑨
⑯⓪#

```
 MYHOME PORTAL
Code:    67890

    ID   12345

    Memorize
```

OK   Press OK to memorise the new code

```
 MYHOME PORTAL
Code:    67890

    ID   12345

    Modify
```
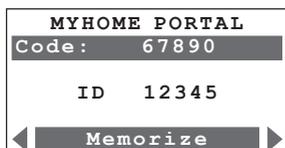
OK   Press OK to activate the ID identification modi-
①②③   fication
④⑤⑥   Type the ID code
⑦⑧⑨
⑯⓪#
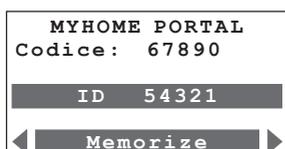
```
 MYHOME PORTAL
Codice:  67890

    ID   54321

    Memorize
```

OK   Press OK to memorise

©   Press © once to go back to the Telephone func-
         tions or hold down the key to escape from the
         programming

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7 DIALLING DEVICE MENU

| Jolly number | Index Book | Set Calls | Vocal Messages | Tel. Functions | 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      ►
```

OK

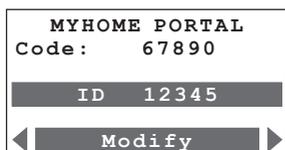① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
⊛ ⓪ #

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

```
      CONTACT ID
ID         :67890
level      :1
AlarmEnd. :OFF

◄    Memorize     ►
```

OK

Press OK to memorise the new ID

```
      CONTACT ID
ID         :67890
level      :1
AlarmEnd. :OFF

◄     Modify      ►
```

OK

① ② ③
④ ⑤ ⑥
⑦ ⑧ ⑨
⊛ ⓪ #

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)

```
      CONTACT ID
ID         :67890
level      :3
AlarmEnd. :OFF

◄    Memorize     ►
```

OK

Press OK to memorise

Ⓒ

Press Ⓒ 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 | Tel. Commands |

7.5 TELEPHONE FUNCTIONS

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

```
     CONTACT ID
ID           :67890
level        :1
AlarmEnd     :OFF

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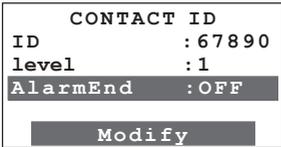
After selecting the Ademco protocol, press OK to switch this screen on.

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

```
     CONTACT ID
ID           :67890
level        :1
AlarmEnd     :OFF

◀       ON          ▶
```

◀ ▶
OK   Press OK to confirm.

```
    in progres...
```
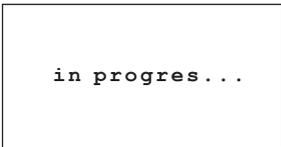
Ademco level	Events signalled to the Surveillance control unit
1	Burglar, panic, tampering and PSTN line cut alarms
2	As for level 1 + system notification (e.g. battery failure, no network)
3	As level 2 + technical alarms (auxiliary commands)
4	Same as level 3 + arming and disarming event (including alarm)

7 DIALLING DEVICE MENU

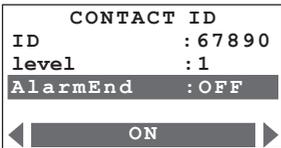| Jolly number | Index Book | Set Calls | Vocal Messages | Tel. Functions | Tel. Commands |

7.5 TELEPHONE FUNCTIONS

Specify all personalizations in the following table.

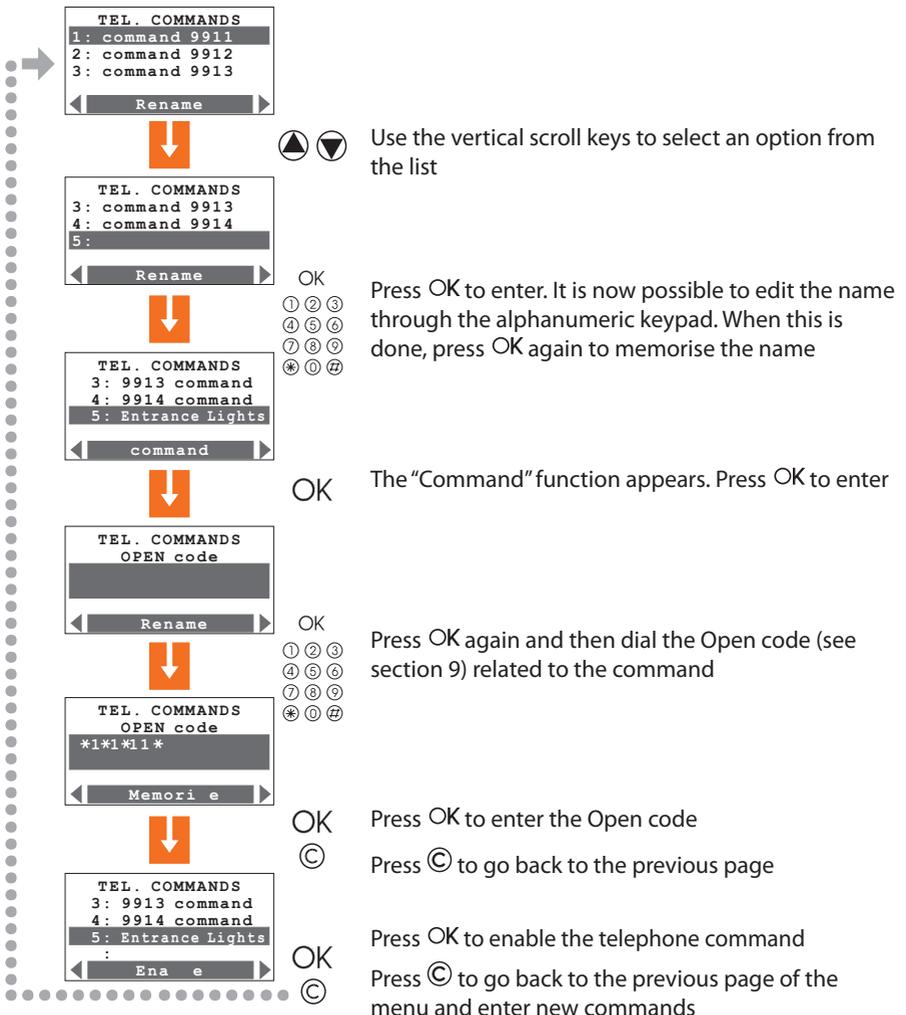| Telephone function	Basic configuration	Customised configuration
CALL	ON	
ANSWER	5 rings	
CALL CYCLES	4	
CALL DELAY	10 seconds	
DTMF/PULSE	dtmf	
NO NETWORK	1 Hour	
REMOTE ASSISTANCE REMOTE CONTROL	OFF	
REMOTE MANAGEMENT REMOTE CONTROL	OFF	
ANSWERING MACHINE	OFF	
BLOCK COMMAND	OFF	
SOUND SYSTEM	OFF	
CALL WAIT	0 seconds	
PROTOCOL	OFF	
PSTN TEST FREQ.	OFF	
ALARM END	OFF	
MAINTENANCE CODE	00000	
USER CODE	00000	
LANGUAGE	Italian	
ALARM DURATION	3 minutes	
TAMP TEST ALARM DURATION	3 minutes	
OUTPUT DELAY	0 seconds	
INPUT DELAY	0 seconds	
LINE TEST	OFF	

7 DIALLING DEVICE MENU

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

7.6 TELEPHONE COMMANDS

This menu 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**.

```
TEL. COMMANDS
1: command 9911
2: command 9912
3: command 9913
◀       Rename       ▶
```

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

```
TEL. COMMANDS
3: command 9913
4: command 9914
5:
◀       Rename       ▶
```

OK

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

```
TEL. COMMANDS
3: 9913 command
4: 9914 command
5: Entrance Lights
◀       command       ▶
```

OK

The "Command" function appears. Press OK to enter

```
TEL. COMMANDS
OPEN code

◀       Rename       ▶
```

OK

Press OK again and then dial the Open code (see section 9) related to the command

```
TEL. COMMANDS
OPEN code
*1*1*11*

◀       Memorie       ▶
```

OK

Press OK to enter the Open code

© Press © to go back to the previous page

```
TEL. COMMANDS
3: 9913 command
4: 9914 command
5: Entrance Lights
:
◀       Enae       ▶
```

OK

Press OK to enable the telephone command

© Press © to go back to the previous page of the menu and enter new commands

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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.
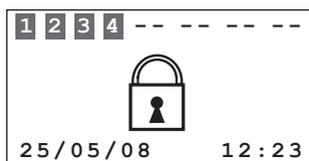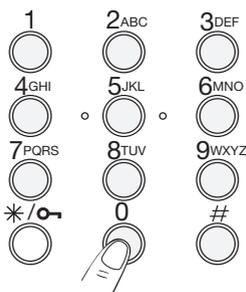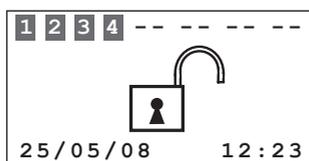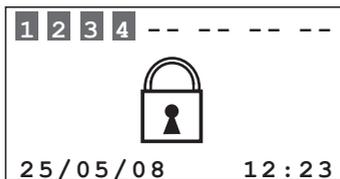

The burglar-alarm can also be switched ON/switched OFF and divided by other devices such as Touch screen and keypad connectors with display.

8 OPERATION

8.1 ENABLING / DISABLING BURGLAR ALARM

USING THE 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.
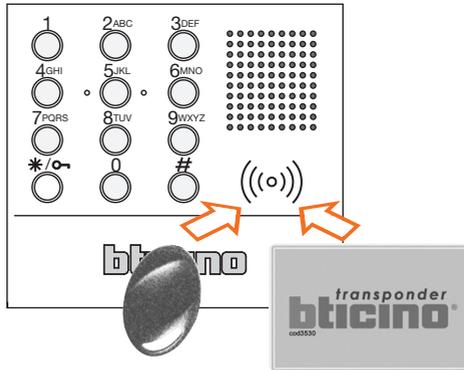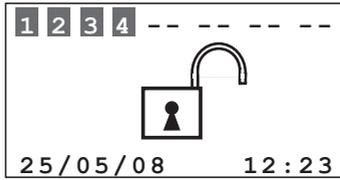
⚠ The burglar-alarm can also be switched ON by keeping the ✳/⊸ key pressed for 3 seconds

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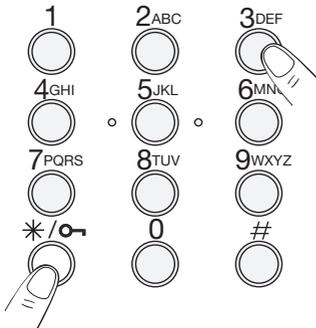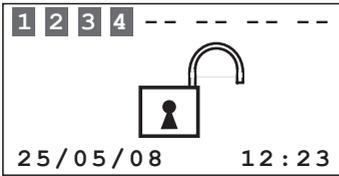
When the system is OFF, press the number corresponding to the zone/zones to be deactivated or re-activated (e.g. deactivation of zone 3) on the keypad.

Press the ✳/🔑 key then type the user code or an enabled numeric code on the alphanumeric keypad.
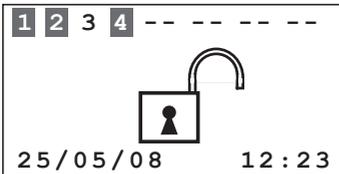
Zone **3** has been deactivated.
The **active** zones are shown in a dark box.
The burglar-alarm system is OFF

8   OPERATION

8.2   DEACTIVATING - ACTIVATING ZONES

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

When the system is OFF, press the number corresponding to the zone/zones to be deactivated or re-activated (e.g. deactivation of zone 3) on the keypad
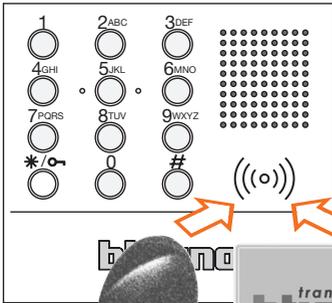
Bring a transponder key near the reader within **5** seconds to enter the change

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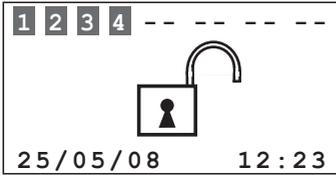The **active** zones are shown in a dark box.
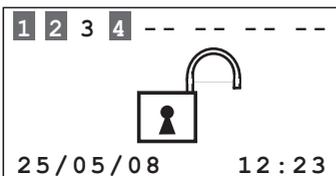
bticino

8   OPERATION

8.2   DEACTIVATING - ACTIVATING ZONES

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

```
    SELECT

Antitheft
Communicator


```

OK   Enter **Burglar alarm (Antitheft)**

```
    ANTITHEFT

Scenarios
Zones
Devices
Event memory
```
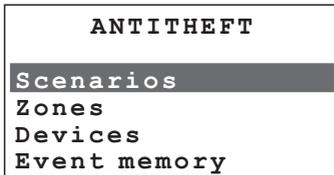
Use the ⬆ ⬇ keys to select the Zones menu

OK   OK to enter

```
    ZONES
1:Entrance
2:Perimeter
3:Night

◄     Exclude     ►
```

Use the ⬆ ⬇ keys to select the zone
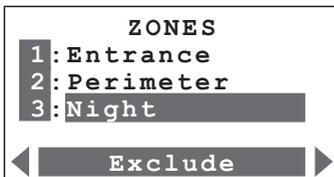
OK   Enter selection
(if the zone is active in the function line, "Exclude" appears; if it is deactivated, "Include" appears)

```
1 2 3 4 -- -- -- --




25/05/08      12:23
```
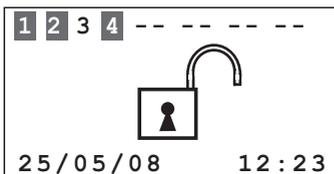
Hold down the © key to escape from menu Zones

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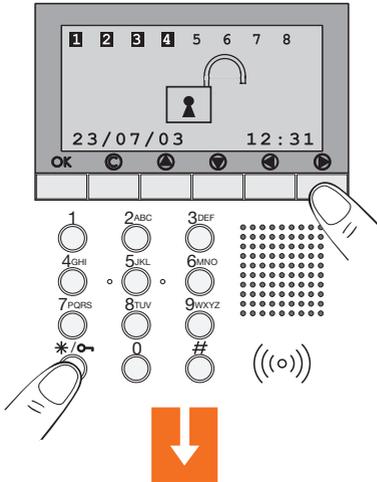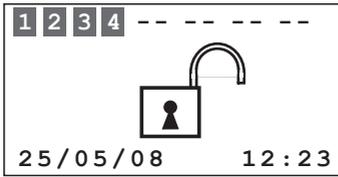
With the ◀ ▶ keys select the scenario required; the operation can also be performed with system switched ON

Press the ✱/⚷ key then type the user code or an enabled numeric code
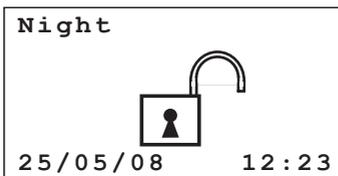
The **Night** scenario has been activated

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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 ⊕ ⊕ 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 Ⓒ 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
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)
KEY OFF	Executes disconnection
TAMPTEST ERROR	Communication problems between the Unit and devices
INSERTION ERR.	Insertion not available
ACTIVATION	The system has exited from the maintenance

8   OPERATION

8.4   CONSULTING THE EVENT MEMORY IN CASE OF AN ALARM

Displayed message	Type of event
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 CONFIG. 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 7.6 can be sent to the Unit through any fixed telephone.

Procedure:
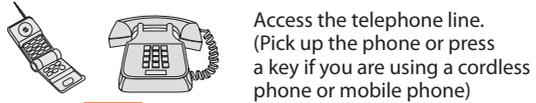
Access the telephone line.
(Pick up the phone or press
a key if you are using a cordless
phone or mobile phone)

Dial the telephone
number connected
to the unit

With telephone answering *	**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.

Presentation
message

Correct code
The Unit transmits a presentation
message and communicates the
system status

Type in the Open Web Net Code
(e.g. *1*1*3##)
or a simplified Code
(e.g. 9912) (see next page)

Listening
to the received
message

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8   OPERATION

8.6   SIMPLIFIED 99 CODES

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

The simplified 99 Code Commands can be used with the following functions:
● LIGHTING ● CONTROL 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	Comando GIÙ	
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 messages when:* 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.

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.

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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.

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)**.**

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

Listen to the message

Message

**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**

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

The Burglar Alarm Item 3485STD is totally programmable from a PC with TiSecurityStandard 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 con sede in Viale Borri, 231 - 21100 Varese

dichiara che il prodotto con l'articolo:

3485STD

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: 2012
More information concerning reference standards can be found at:
www.bticino.it

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HOW TO SOLVE POSSIBLE PROBLEMS

PROBLEM	SOLUTION
It is not possible to record/listen to recorded messages and display information	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.**
The Unit does not make the telephone call	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 Check the stored telephone numbers and, in the Telephone functions menu, that Call has not been set on **OFF**
Loss of installer code	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".
Loss of user code	Reprogram the Control unit with TiSecurityStandard
The Control unit makes the telephone call but does not send a vocal message	Make sure that the setting in: "Communicator/Tel. functions/ Protocol" is **OFF**.

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