TP8-96 VIDEO

8 TO 96 ZONES EXPANDIBLE CONTROL PANEL WITH INTEGRATED ETHERNET

RDV REMOTE DIGITAL VERIFICATION

CE

EN 60950-1
EN 50130-4
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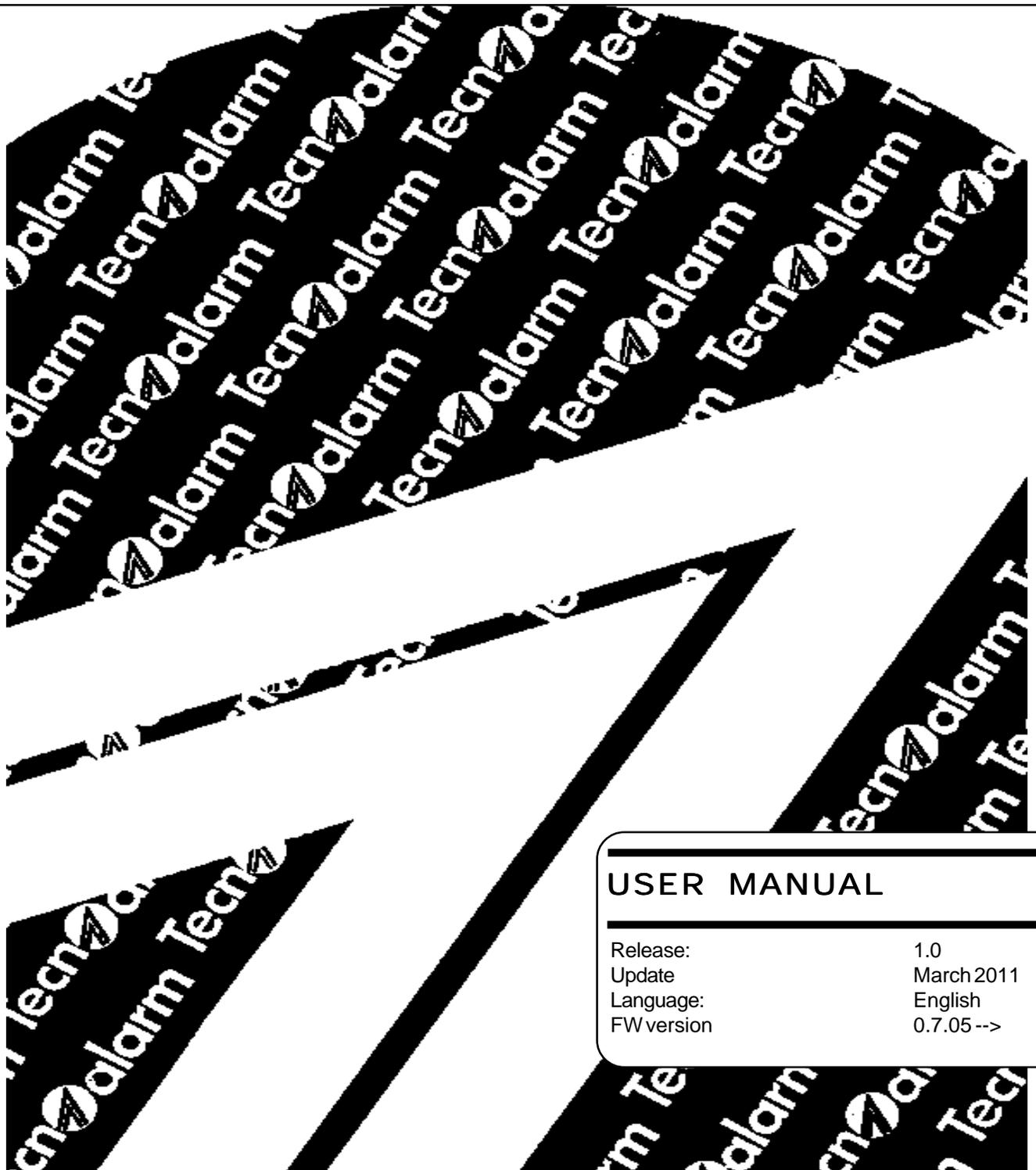
USER MANUAL

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Tecnoalarm Hi-Tech Security Systems Hi-Tech Security Systems Hi-Tech Security Systems

CONFORMITY

Hereby, Tecnoalarm srl declares that the present equipment is in compliance with the essential requirements and other relevant provisions of the R&TTE 1999/05/EC directive.

The declaration of conformity is available on the website: www.tecnoalarm.com.

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General features

TP8-96 VIDEO SYSTEM

The security system TP8-96 VIDEO is a new generation equipment which is able to control up to 96 zones.

The control panel is programmed by the installer using a PC or the console LCD300/S.

The end user can make simple settings through the console.

Access levels

The TP8-96 VIDEO system permits two access levels for management/programming of its functions.

Master level

The master level permits programming of the user functions as well as arming/disarming of the control panel and activation/deactivation of the remote controls.

To enter the master menu enter the master code (it is usually given by the installer to the owner of the system).

The default master code is: **12345**

Standard user level

The standard user level permits only simple functions such as arming/disarming of the control panel. Type one of the user codes to enter the standard user menu (until 200 codes are available). The user codes are programmed by the holder of the master code.

Operations executable by the master code

Programming

- Clock setting
- Association of chime to the zones (acoustic signaling for zone opening)
- Creation and modification of programs
- Programming of 64 timers for automatic arming
- Programming of 8 access periods during which codes and keys are enabled
- Programming of the GSM section
- Programming of the external GSM communicator
- Programming of 8 telephone channels
- Enabling of the call back function
- Programming of the master code and its attributes
- Programming of the standard user codes and their attributes
- Programming of the transponders and their attributess
- Programming of the wireless keys and their attributes
- Programming of the consoles
- Programming of the keypoints
- Access to the exclusion menu
- Accesso to the test menu
- Access to the option menu

Operations executable through the console

- Activation/deactivation of the remote controls
- Arming of the programs
- Total disarming of the control panel (all programs)
- Partial disarming of the control panel
- Direct arming/disarming of all programs of the control panel
- Reading of the event buffer
- Reset of alarm memory signaling
- Abort of the active telephone calls

Operations executable by the standard user codes

Programming
The standard user codes do not permit programming.

Operations executable through the console (many of these functions are only available if the code has been enabled for)
- Activation/deactivation of the remote controls
- Arming of the programs
- Total disarming of the programs
- Partial disarming of the programs
- Direct arming/disarming of all the programs
- Reading of the event buffer
- Reset of alarm memory signaling
- Comunicator block (abort of the active telephone calls)

Control by telephone
Some operations can be executed by telephone, calling the control panel which answers emitting a confirmation beep.
Enter the master code or one of the standard user codes to enter telephone menu.

Functioning
The control panel can be armed through the programs (1 to 8) which can be set up by the installer and by the holder of the master code.
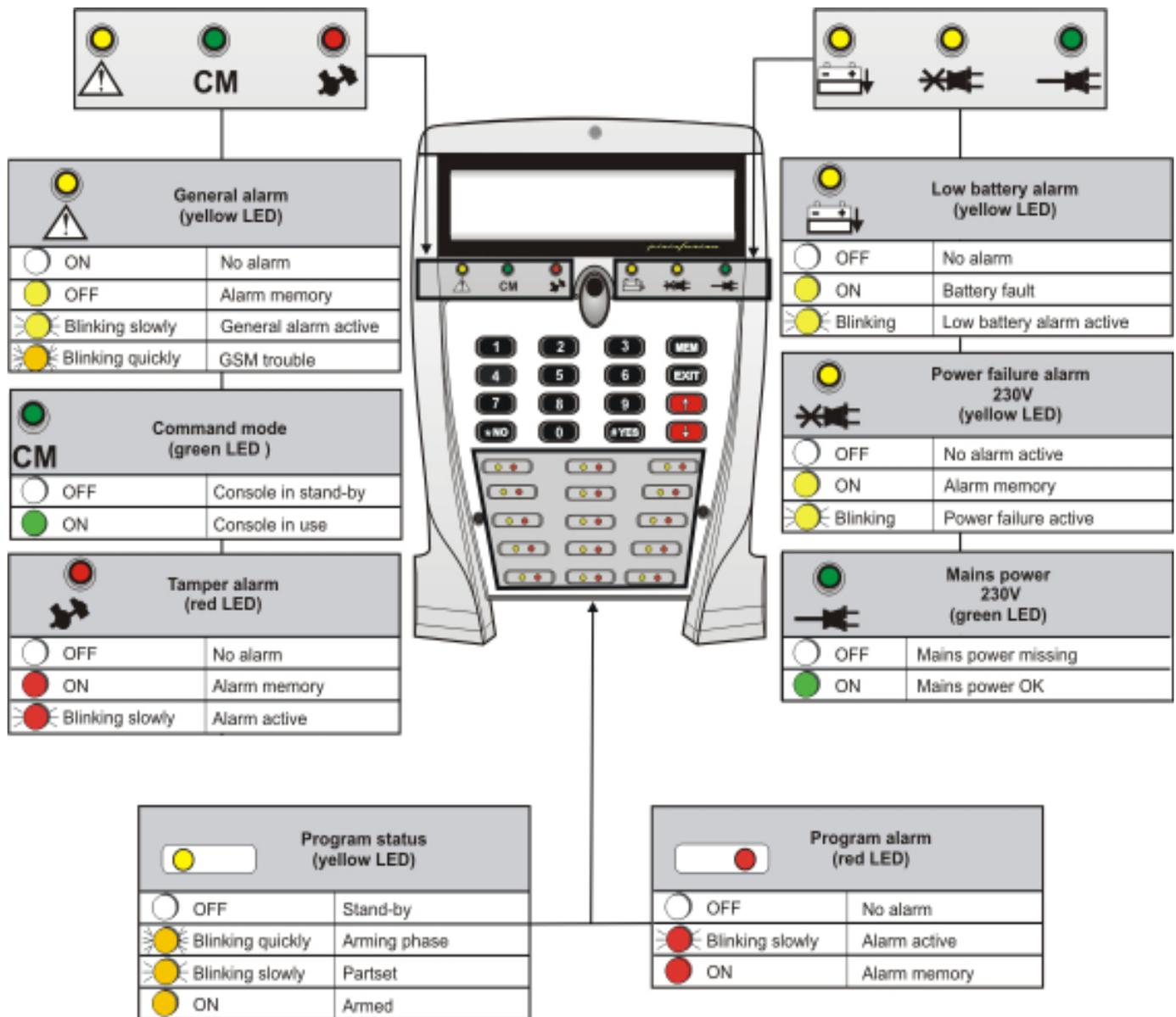The programs group the zones which are enabled for the detection of the alarms when the program is armed.
The programs can be armed one at time (single arming) or several simultaneously.

Signaling of the LCD300/S console

The LCD300/S console permits arming/disarming of the programs, it also permits interaction with the remote controls, moreover users who are enabled can enter the programming menus.
The console provides two groups of LED; the first, below the display, represents general signaling of the control panel; the second, below the keypad, is composed of 15 pairs of LED for viewing of the status of the associated programs.

General alarm (yellow LED)

○	ON	No alarm
●	OFF	Alarm memory
☀	Blinking slowly	General alarm active
☀	Blinking quickly	GSM trouble

Command mode (green LED)

○	OFF	Console in stand-by
●	ON	Console in use

Tamper alarm (red LED)

○	OFF	No alarm
●	ON	Alarm memory
☀	Blinking slowly	Alarm active

Low battery alarm (yellow LED)

○	OFF	No alarm
●	ON	Battery fault
☀	Blinking	Low battery alarm active

Power failure alarm 230V (yellow LED)

○	OFF	No alarm active
●	ON	Alarm memory
☀	Blinking	Power failure active

Mains power 230V (green LED)

○	OFF	Mains power missing
●	ON	Mains power OK

Program status (yellow LED)

○	OFF	Stand-by
☀	Blinking quickly	Arming phase
☀	Blinking slowly	Partset
●	ON	Armed

Program alarm (red LED)

○	OFF	No alarm
☀	Blinking slowly	Alarm active
●	ON	Alarm memory

General alarm LED -
The system constantly checks its functions, any trouble is immediately signaled. The LED is blinking while the alarm is active. As soon as the alarm stops, the LED becomes lit to signal alarm memory.
The signaling of alarm memory continues until it is reset. The general alarms are stored in the event buffer.
If the LED is blinking slowly, it signals a general alarm. If it is blinking quickly, it signals a GSM trouble.

CM LED

As soon as the user starts pressing the keys, the CM (comand mode) LED is lit signaling that the console is in use. All the other consoles of the system are automatically inhibited.
It is switched off 10 seconds after stroke the last key and all the other consoles are enabled again.

Tamper alarm LED

The LED signals tamper alarm. The anti-tamper protection of the system is always active even if the programs are disarmed.
The tamper alarm LED can be:
OFF - no tamper alarm
Blinking - tamper alarm active
ON - alarm memory. The signaling of alarm memory contiunes until it reset. The tamper alarms are stored in the event buffer.

Low battery alarm LED

The LED signals low battery alarm.
The low battery alarm LED can be:
OFF- battery voltage is OK
Blinking - battery voltage is low (low battery alarm active)
ON - battery failure. The battery is not able to support the system anymore.

Power failure alarm LED

The LED signals power (230V AC) failure.
The power failure alarm LED can be:
OFF - mains power is OK.
Blinking - power failure alarm active
ON - alarm memory. Mains power has been missing.

Mains power LED

The LED signals the presence of mains power (230V AC).
The mains power LED can be:
OFF - mains power is missing
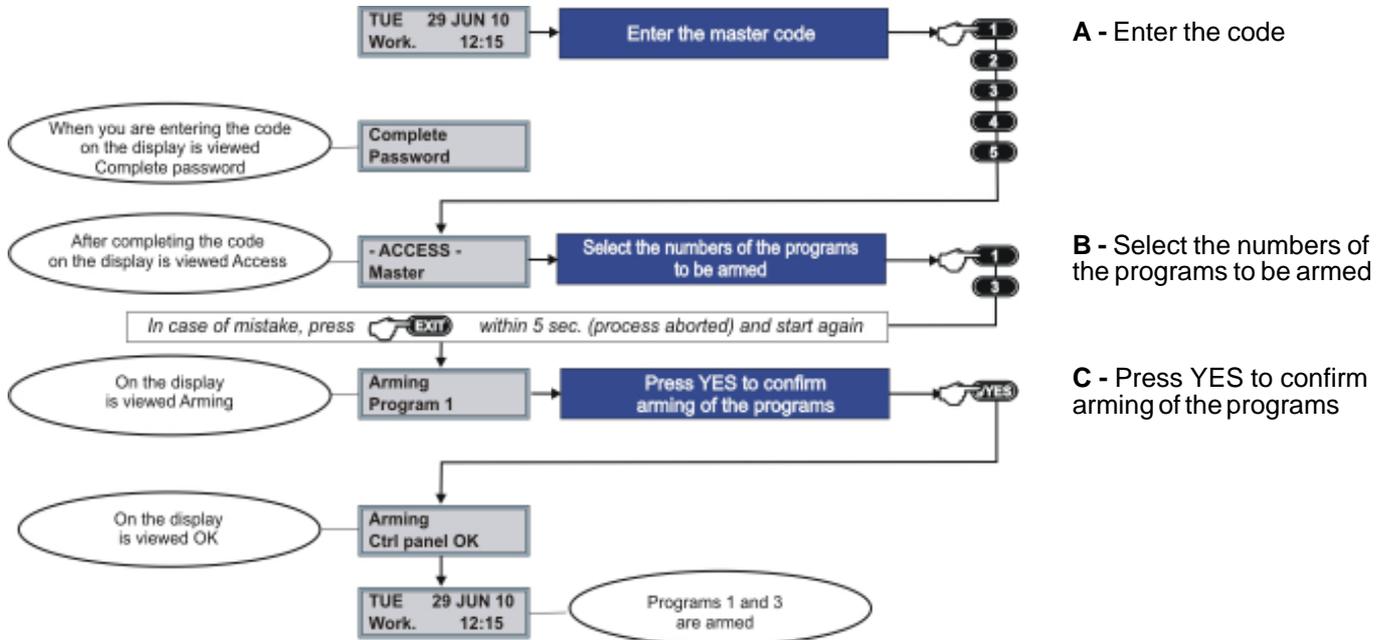**ON -** mains power is present

Arming - Single and multiple arming

How can programs be armed one at a time? (single arming)

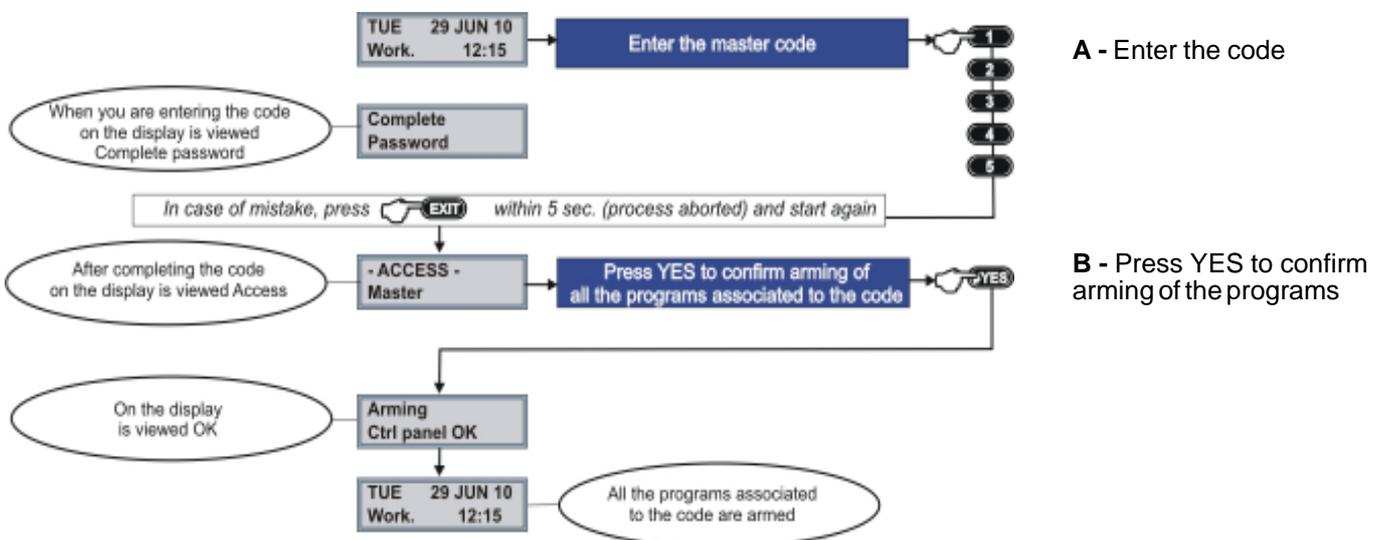Enter a code which permits arming of all the programs to be armed.
The arming procedure described below permits the selection of one or more programs among those associated to the code.

TUE 29 JUN 10 Work. 12:15	Enter the master code	**A -** Enter the code
When you are entering the code on the display is viewed Complete password	Complete Password	
After completing the code on the display is viewed Access	- ACCESS - Master	Select the numbers of the programs to be armed	**B -** Select the numbers of the programs to be armed
In case of mistake, press EXIT *within 5 sec. (process aborted) and start again*		
On the display is viewed Arming	Arming Program 1	Press YES to confirm arming of the programs	**C -** Press YES to confirm arming of the programs
On the display is viewed OK	Arming Ctrl panel OK	
TUE 29 JUN 10 Work. 12:15	Programs 1 and 3 are armed	

Arming - Direct arming

How can all the programs associated to the code be armed simultaneously? (direct arming)

The arming procedure described below permits direct arming of all the programs associated to the code.
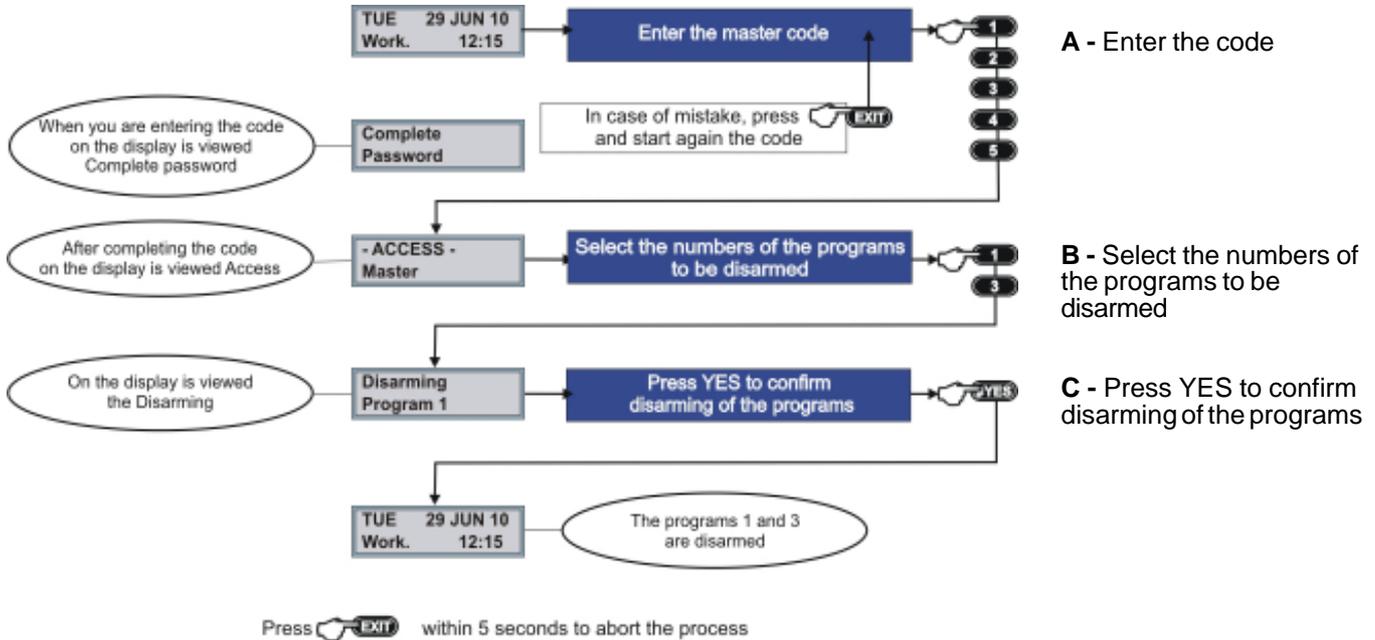
TUE 29 JUN 10 Work. 12:15	Enter the master code	**A -** Enter the code
When you are entering the code on the display is viewed Complete password	Complete Password	
In case of mistake, press EXIT *within 5 sec. (process aborted) and start again*		
After completing the code on the display is viewed Access	- ACCESS - Master	Press YES to confirm arming of all the programs associated to the code	**B -** Press YES to confirm arming of the programs
On the display is viewed OK	Arming Ctrl panel OK	
TUE 29 JUN 10 Work. 12:15	All the programs associated to the code are armed	

Disarming - Single and multiple disarming

How can programs be disarmed one at a time? (single disarming)
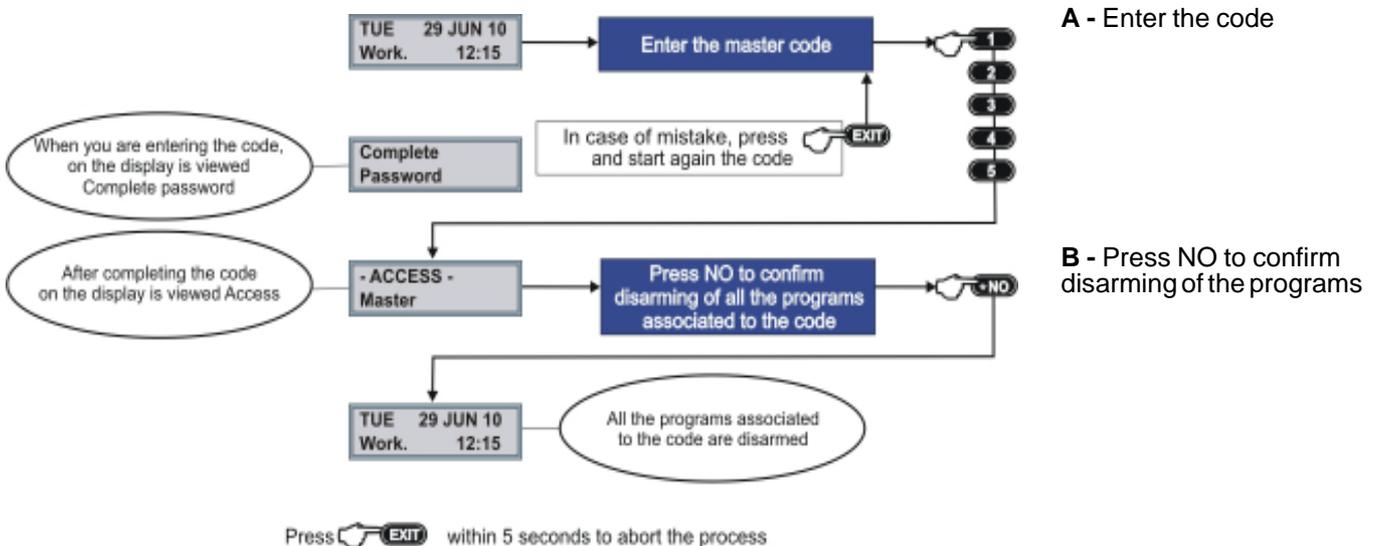Enter a code which permits disarming of all the programs to be disarmed.
The disarming procedure described below permits the selection of one or more programs among those associated to the code.

TUE 29 JUN 10 Work. 12:15	Enter the master code	**A -** Enter the code
When you are entering the code on the display is viewed Complete password → Complete Password	In case of mistake, press **EXIT** and start again the code	
After completing the code on the display is viewed Access → - ACCESS - Master	Select the numbers of the programs to be disarmed	**B -** Select the numbers of the programs to be disarmed
On the display is viewed the Disarming → Disarming Program 1	Press YES to confirm disarming of the programs	**C -** Press YES to confirm disarming of the programs
TUE 29 JUN 10 Work. 12:15	The programs 1 and 3 are disarmed	

Press **EXIT** within 5 seconds to abort the process

Disarming - Direct disarming

How can all the programs associated to the code be disarmed simultaneously? (direct disarming)
The disarming procedure described below permits direct disarming of all the programs associated to the code.
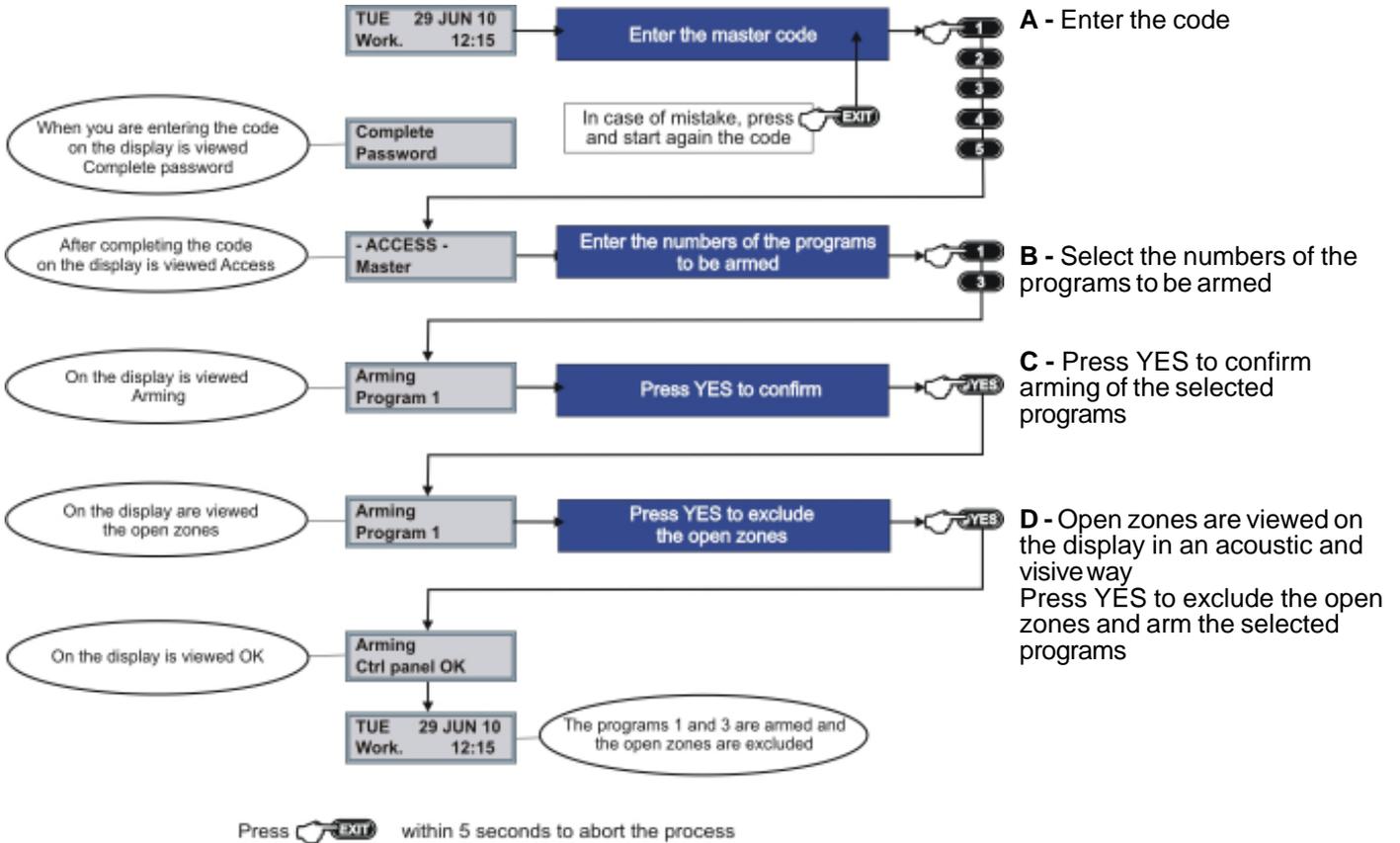
		A - Enter the code
TUE 29 JUN 10 Work. 12:15	Enter the master code	
When you are entering the code, on the display is viewed Complete password → Complete Password	In case of mistake, press **EXIT** and start again the code	
After completing the code on the display is viewed Access → - ACCESS - Master	Press NO to confirm disarming of all the programs associated to the code	**B -** Press NO to confirm disarming of the programs
TUE 29 JUN 10 Work. 12:15	All the programs associated to the code are disarmed	

Press **EXIT** within 5 seconds to abort the process

Arming - Exclusion of open zones

How can programs be armed excluding open zones?

Only the codes enabled for arming with exclusion of the open zones can execute this operation. The code permits arming of all the associated programs.

The below arming procedure describes both single and multiple arming, it permits the selection among the programs associated to the code.

A - Enter the code

B - Select the numbers of the programs to be armed

C - Press YES to confirm arming of the selected programs

D - Open zones are viewed on the display in an acoustic and visive way
Press YES to exclude the open zones and arm the selected programs

Press EXIT within 5 seconds to abort the process

Hold-up alarm release

Hold-up alarm release

Only the codes enabled for hold-up alarm can execute this operation. In case of hold-up, the user will apparently disarm the system and simultaneously release a hold-up alarm.

To release the hold-up alarm, enter a valid code but decrease or increase it by one unit.

For example, the master code is 54321.

Decrease the last digit by one unit, e.g. 54320.
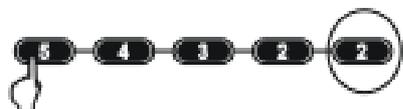
Alternatively, increase the last digit by one unit, e.g. 54322.

Panic alarm release

How is a panic alarm activated ?

The panic alarm is released by simultaneous pressing of the arrow up and arrow down keys.
The program status (armed/disarmed) does not interfere with the panic alarm release. The alarm can be released anytime.
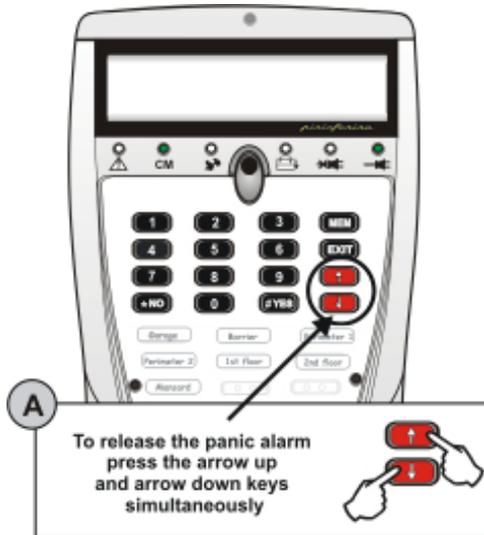
A - To release the panic alarm, press the arrow up and arrow down keys simultaneously on the LCD300/S console.

To release the panic alarm press the arrow up and arrow down keys simultaneously

Signaling of the PROX K6N transponder reader with mini keypad

The PROX K6N transponder reader with mini keypad permits arming/disarming of the associated programs. The device permits the control of maximum 6 programs.

The device must recognize a transponder before it enables the keypad. If the keypad is enabled, it is possible to select the programs to be armed/disarmed.

The program status is signaled through the yellow LED, numbered from 1 to 6, on the left of the keypad. The 4 general alarm LED are present on the upper part of the device.

● 🔊	Program alarm (red LED)	
○ OFF	No alarm	
● ON	Alarm memory	
● Blinking slowly	Program alarm active	

○ 🔇	Zone status (yellow LED)	
○ OFF	No open zone	
● Blinking slowly	Open direct zone	

● ⚠	General alarm (red LED)	
○ OFF	No alarm	
● ON	Alarm memory	
● Blinking slowly	General alarm active	

● 0⟲	Recognition transponder signaling (green LED)	
○ OFF	No transponder recognized	
● ON	Transponder recognized	
● Blinking slowly	Transponder recognized by another device	

1 ●	From 1 to 6 - Program status (yellow LED)	
○ OFF	Program disarmed	
● Blinking quickly	Arming phase	
● Blinking slowly	Program partset	
● ON	Program armed	

● 🔊	**Program alarm**
	The alarm is signaled only if the alarm system is armed. The LED blinks for the entire duration of the alarm. Once the alarm has stopped, the LED remains lit to signal alarm memory. The signaling of alarm memory is active until the next arming.

○ 🔇	**Zone status**
	The open zones are signaled only during the arming phase.

General alarm
The system constantly controls its functions, any trouble is signaled immediately. The LED is blinking while the alarm is active. As soon as the alarm stops the LED becomes lit to signal alarm memory. The signaling of alarm memory continues until it reset. The general alarms are stored in the event buffer.
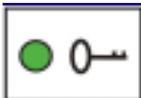
Recognition transponder
The LED is lit when the reader recognizes a transponder. The user has 10 seconds to press a key and to arm a program. On every keystroke the counter is reset. Once this time has expired, the keypad does not accept commands any more.
The LED blinks to signal that a transponder has been recognized by another device.
If the recognition transponder LED and the general alarm LED are lit simultaneously, the system signals an attempt at arming with unknown transponder (false key).
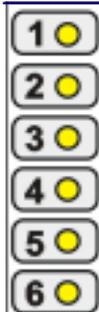
Program status
The program status LED signals the status of the associated programs (max. 6).
During the arming phase, the LED of the selected program blinks quickly for 10 seconds. During this time it is possible to arm/disarm other programs and to exclude voluntarily the open zones.
Each LED signals the status of the program it is associated to, it can be:
OFF - program disarmed
Blinking quickly - in arming phase (it blinks for 10 seconds)
ON - program armed
Blinking slowly - program partset

Arming

How to arm the programs
To arm one or several programs, approach a valid transponder to the reader. The reader reads the transponder, verifies its validity and enables the keypad.
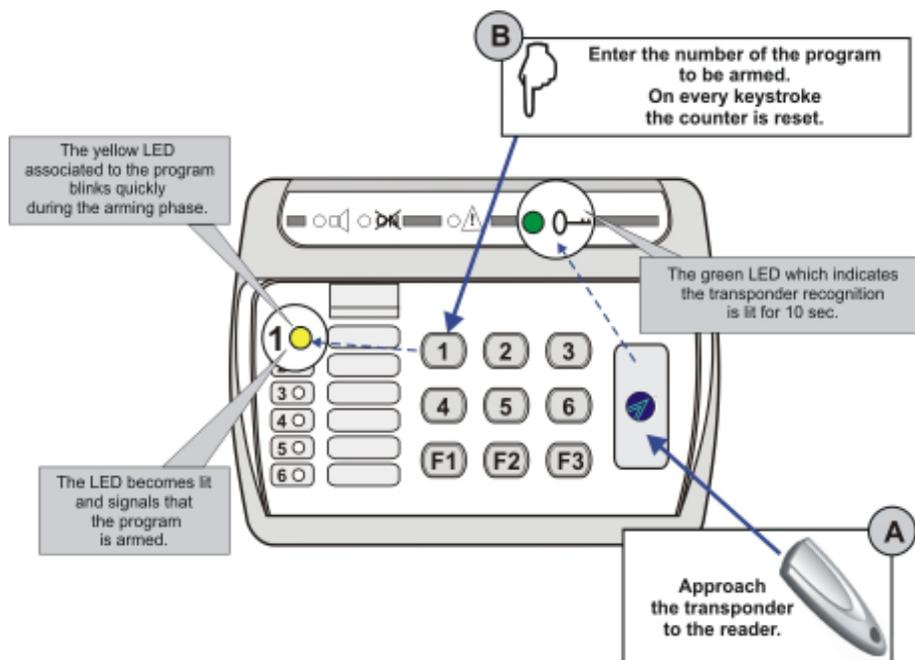
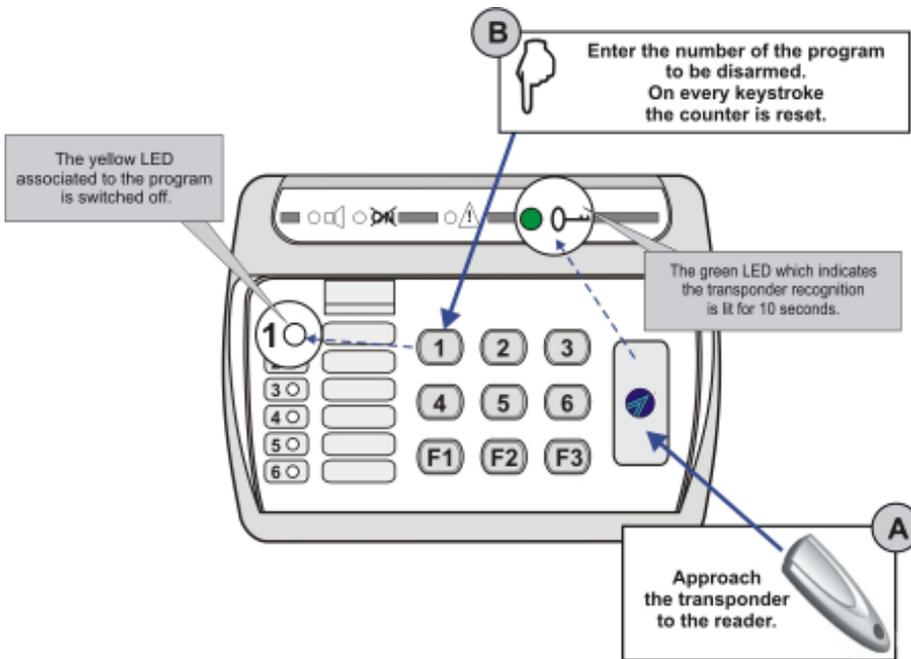**A -** Approach the transponder to the reader (the green transponder LED is lit).

B - Within 10 seconds, select the numbers of the programs to be armed. The yellow program LED of the program blinks quickly (arming phase). Then, the LED remains lit signaling that the program is armed.

Arming - Exclusion open zones

How to arm programs with exclusion of open zones
Only the transponders enabled for arming with exclusion of open zones can execute this operation.

The yellow ON LED blinks signaling open zones.

The yellow LED associated to the program blinks quickly during the arming phase.

B Enter the number of the program to be armed. On every keystroke the counter is reset.

The green LED which indicates the transponder recognition is lit for 10 seconds.

The LED remains lit signaling that the program is armed.

C Whitin 10 seconds press the F1 key to arm the program excluding the open zones.

A Approach the transponder to the reader.

A - Approach the transponder to the reader (the green transponder LED is lit).

B - Within 10 seconds press the numbers of the programs to be armed. The yellow program LED blinks quickly (arming phase). If the armed program contains open zones, the ON LED starts blinking, too.

C - Press the F1 key (within 10 seconds). This key permits to exclude the open zones from the program. The LED remains lit signaling that the program is armed.

Bypass

How to parset an armed program
Only the transponders enabled for bypass can execute this operation.
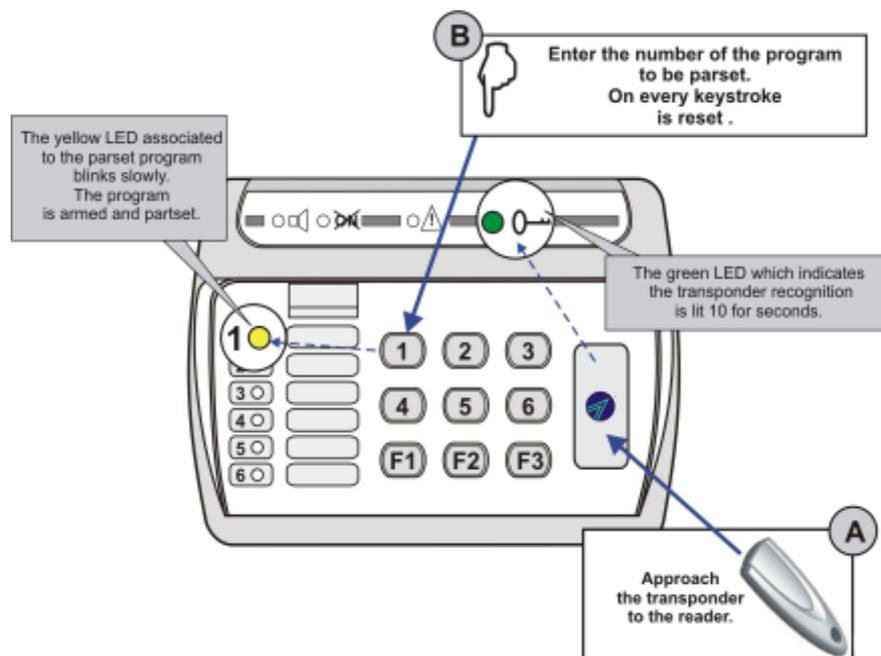
The yellow LED associated to the parset program blinks slowly. The program is armed and partset.

B Enter the number of the program to be parset. On every keystroke is reset .

The green LED which indicates the transponder recognition is lit 10 for seconds.

A Approach the transponder to the reader.

A - Approach the transponder to the reader (the green transponder LED is lit).

B - Within 10 seconds enter the numbers of the programs to be partset.
The yellow program LED starts blinking slowly signaling that the armed program is partset.

Disarming programs

How to disarm the programs

To disarm one or several programs, approach a valid transponder to the reader.
The reader reads the transponder, verifies its validity and enables the keypad.

B - Enter the number of the program to be disarmed. On every keystroke the counter is reset.

The yellow LED associated to the program is switched off.

The green LED which indicates the transponder recognition is lit for 10 seconds.

A - Approach the transponder to the reader.

A - Approach the transponder to the reader (the green transponder LED is lit).

B - Within 10 seconds, enter the numbers of the programs to be disarmed. The yellow program LED is switched off signaling that the program is disarmed.

Panic alarm release

How to release the panic alarm

The panic alarm is released by simultaneous pressing of the F1 and F3 keys. The status of the programs (armed/disarmed) does not have any effect on panic alarm release. The alarm can be released anytime.

A - To release a panic alarm press the F1 and F3 keys simultaneously.
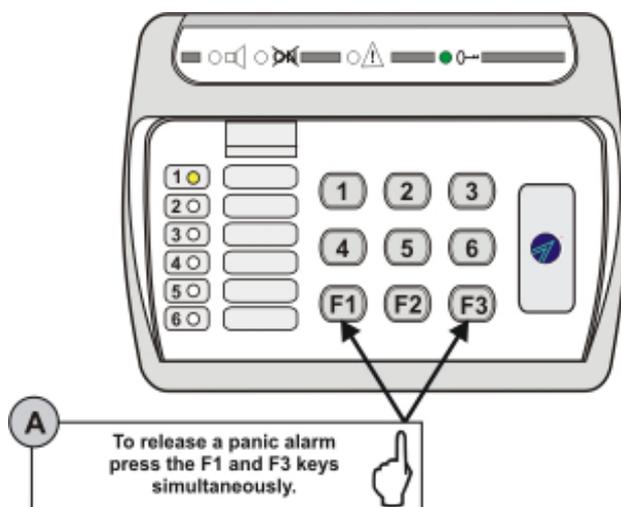
A - To release the panic alarm, press the F1 and F3 keys simultaneously

Access to programming

Master code

The holder of the master code has access to some of the system's programming. In stand-by, on the displays of the consoles are viewed the date and the time. The access to programming is possible through any console. The access to programming inhibits all of the system's consoles.
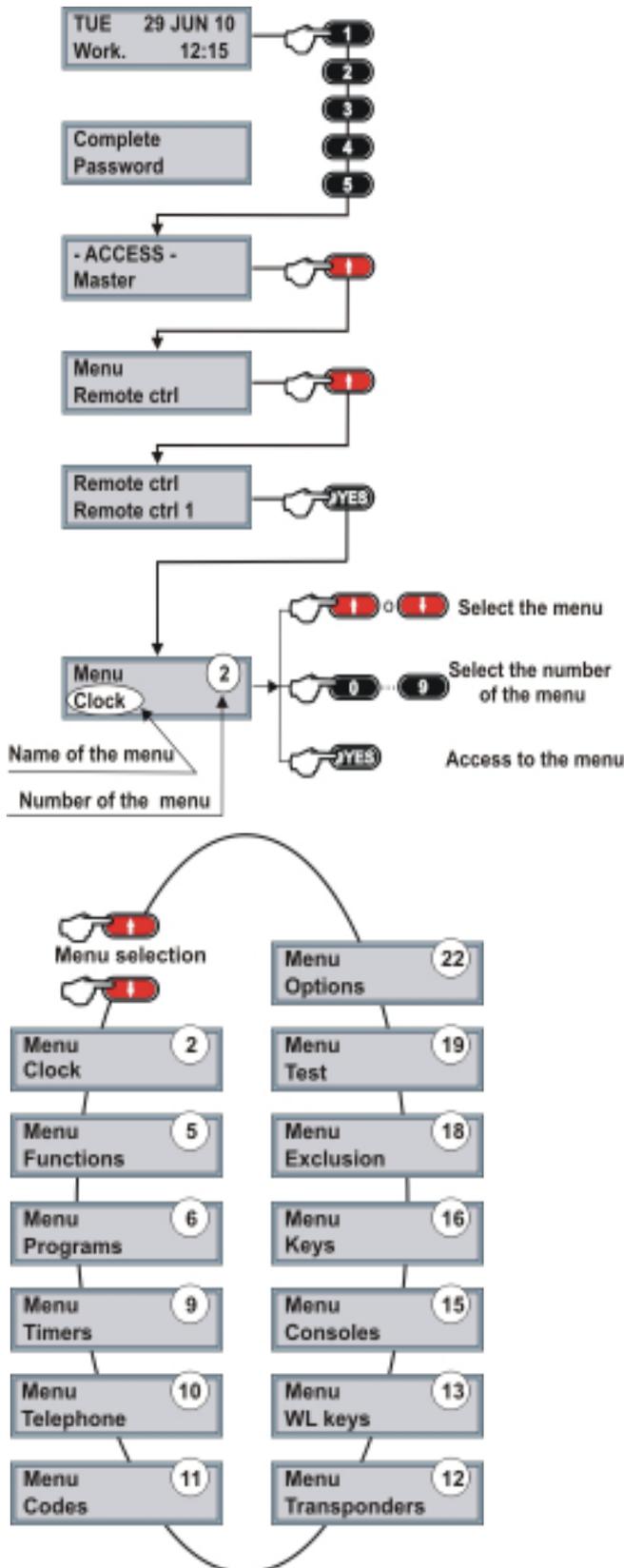
1 - Enter the programming menu

To enter the programming menu, follow the steps illustrated by the opposite figure.

The figure shows the sequence of keystrokes and what is viewed on the display.

In the example, the master code is 12345 (default code). According to programming, the code length can be 4, 5 or 6 digits. The holder of the master code can only change the number of the code, he cannot modify its length.

1 - Enter the master code
2 - Select the menu using the arrow keys
3 - To confirm press the YES key

2 - Selection of the menu

The clock menu is the first to appear.

Every menu has its name and its number. On the display, the number of the menu is viewed on the first line on the right and the name on the second line on the left.

The programming menu of the system is composed of different menus; there are two ways of selecting the menu.

The first is to use the arrow keys which permit to scroll the menu list up and down.

If you know the number of the menu you can use the other way, i.e. enter the menu by typing the corresponding number.

3 - Sequence of the menus

The opposite figure shows the TP8-96 VIDEO programming menus.

The **arrow up** and **arrow down** keys permit to scroll the programming menus.

The direct access numbers of the menus are viewed on the display on the first line (on the right).
In the figure, the direct access numbers have been ear-marked by a white circle
They give shortcut access to the corresponding menu.

Menu	2
Clock	

Clock

Clock menu

The Clock menu permits the setting of the date and time of the system. The parameters which can be modified are: hours, minutes, day, month and year. The system automatically modifies the weekday and the type (working day or holiday) according to the date.

Menu	2
Clock	
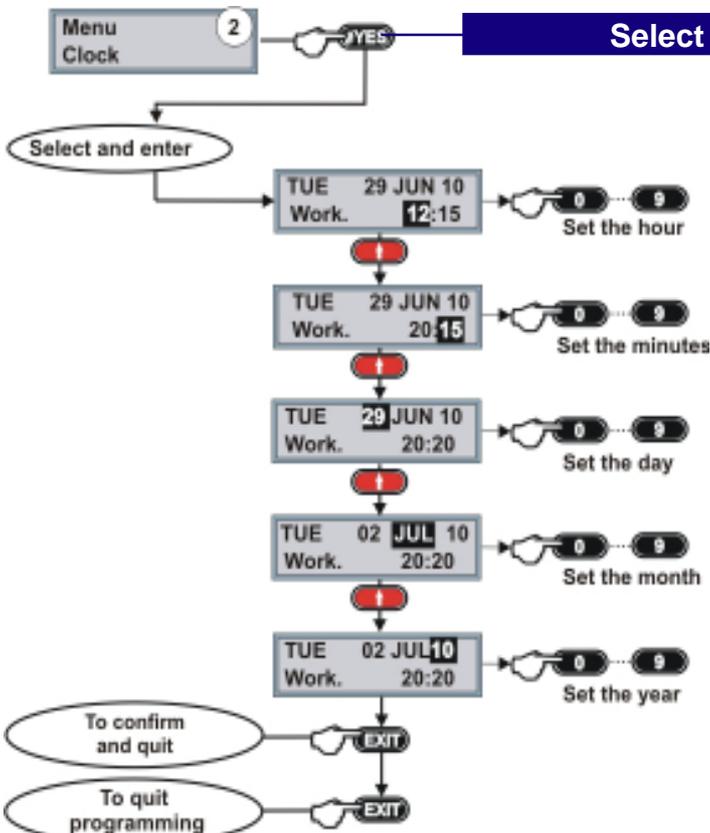
Select the clock menu - Press the YES key

Select and enter

1 - Date and time setting

The digits which indicate the hour start blinking. Use the number keys to set the hour.

TUE	29 JUN 10
Work.	12:15

Set the hour

Move the cursor using the arrow up key and set the minutes.

TUE	29 JUN 10
Work.	20:15

Set the minutes

To set the day, month and year repeat the same operations.

TUE	29 JUN 10
Work.	20:20

Set the day

TUE	02 JUL 10
Work.	20:20

Set the month

TUE	02 JUL 10
Work.	20:20

Set the year

To confirm and quit press EXIT.
Select another menu or press EXIT again to quit programming.

To confirm and quit — EXIT

To quit programming — EXIT

Menu	5
Functions	

Functions

Function menu

The Function menu permits enabling/disabling of the zones for the chime function.
When a chime zone detects an alarm, the system releases the acoustic signal programmed for this function.
Please note, the chime function is enabled only if the system is disarmed.

Menu	5
Functions	
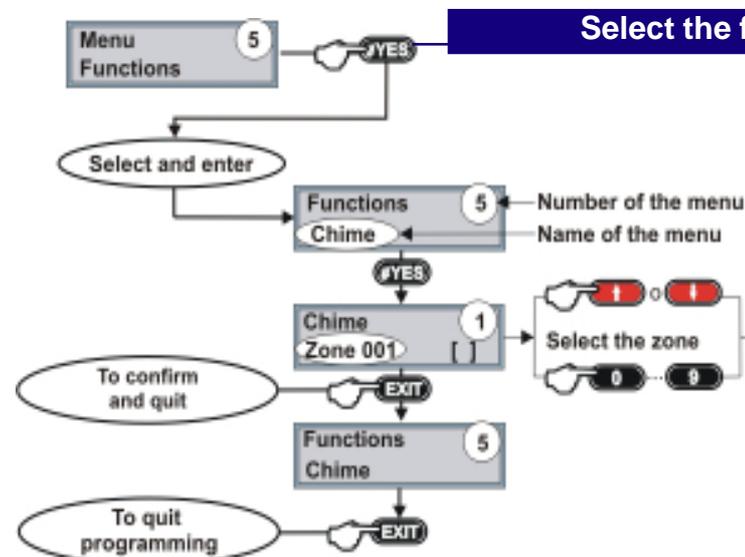
Select the function menu - Press the YES key

Select and enter

Functions	5	— Number of the menu
Chime		— Name of the menu

1 - Chime function

Select Functions > Chime and press YES. On the display are viewed the number and the name of the first zone.
Select the zone and use the YES or NO keys to enable or not the zone for the chime function.

To enable

Chime	1
Zone 001	[ ]

Select the zone

Press YES to enable the zone.

Press NO to disable the zone.

To disable

To confirm and quit — EXIT

Functions	5
Chime	

Repeat the same operations for the other zones.
To quit the menu press EXIT.
Select another menu or press EXIT to quit programming.

To quit programming — EXIT

Menu   6
Programs

Programs

Program menu

The TP8-96 VIDEO system is able to control up to 8 programs. Each program is composed of a group of zones and has its own functioning parameters.

The program menu permits programming of the zones and the functioning parameters.

The program menu is composed of 7 submenus which are identified by a number and a name (see the table below).

Number and name of the submenu	Function
1	Association of zones	Programming of the zones associated to the program (included or not)
3	Entry time 1	Programming of the entry time 1
4	Entry time 2	Programming of the entry time 2
5	Exit time	Programming of the exit time
6	Disarming confirmation time	Programming of the delay for confirmation of disarming
7	Siren delay	Programming of the interval between the detection of an alarm and the activation of the sirens
8	Alarm time	Programming of duration of alarm signaling

Select the program menu - Press the YES key

1 - Selection of the program
On the display are viewed the name and the number of the program.

Select the program and press YES.

2 - Selection of the submenu
On the display are viewed the number and the name of the submenu.

Select the submenu and press YES.

1 - Associate a zone

To determine the zones of the program and to include or exlude the zones.
Select the submenu, press 1 and YES.
Select the zone.

Press YES to associate the zone.

Press NO to undo the association of the zone.

Select another zone and repeat the same operations.
To confirm and quit the submenu press EXIT.

3 - Entry time 1

Programming of the entry time 1
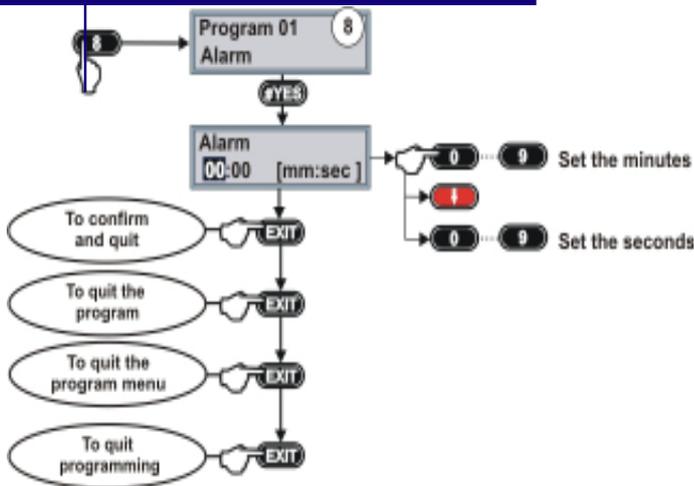Select the submenu, press 3 and YES.

Use the number keys to set the minutes.
Press the arrow key.
Use the number keys to set the seconds.
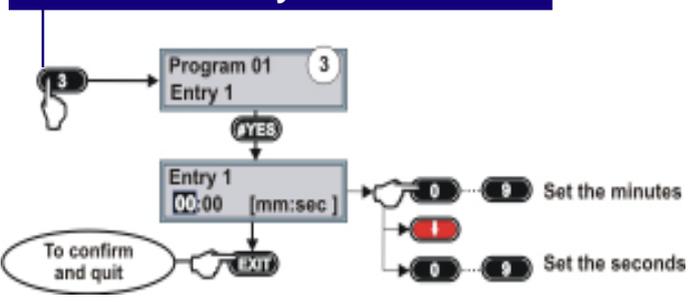
To confirm and quit the submenu press EXIT.

Programs

4 - Entry time 2
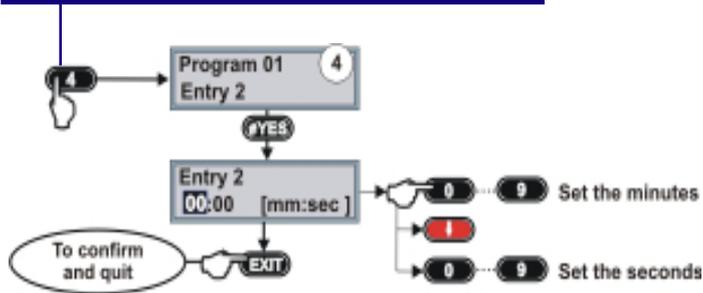
Programming of the entry time 2

Select the submenu, press 4 and YES.

Use the number keys to set the minutes.
Press the arrow key.
Use the number keys to set the seconds.

To confirm and quit the submenu press EXIT.

5 - Exit time
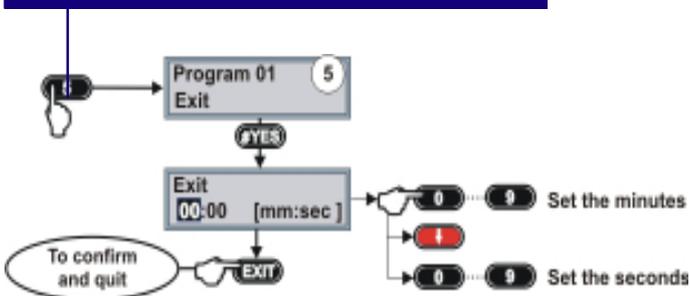
Programming of the exit time

Select the submenu, press 5 and YES.

Use the number keys to set the minutes.
Press the arrow key.
Use the number keys to set the seconds.

To confirm and quit the submenu press EXIT.

6 - Disarming confirmation time
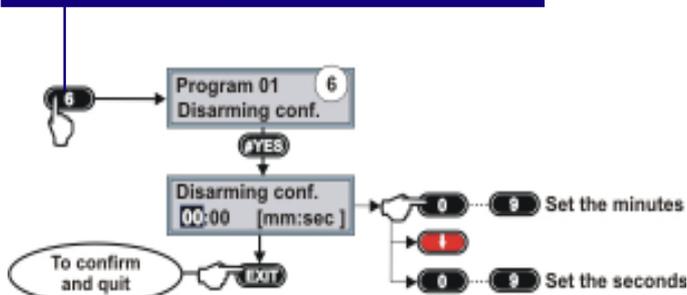
Programming of the delay for confirmation of disarming

Select the submenu, press 6 and YES.

Use the number keys to set the minutes.
Press the arrow key.
Use the number keys to set the seconds.

To confirm and quit the submenu press EXIT.

7 - Siren delay
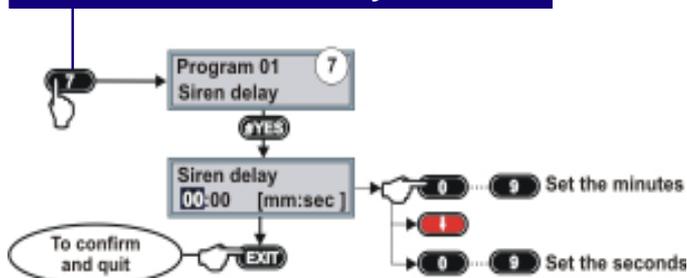
Programming of the siren activation delay
Select the submenu, press 7 and YES.

Use the number keys to set the minutes.
Press the arrow key.
Use the number keys to set the seconds.

To confirm and quit the submenu press EXIT.

Programs

8 - Alarm time

Programming of the alarm duration

Select the submenu, press 8 and YES.

Use the number keys to set the minutes.
Press the arrow key.
Use the number keys to set the seconds.

To confirm and quit the submenu press EXIT.

To quit the program press EXIT.

To quit the program menu press EXIT.

To quit programming press EXIT.

Menu	9
Time	

Time - Timers

Time menu - Timers

The TP8-96 VIDEO system provides 16 timers which allow to schedule the automatic operations. For each timer 4 parameters can be programmed: action, attribute, program/remote control and time.

	Number and name of the submenu	Function
1	Action	Definition of the function the timer has to execute (what does it do?)
2	Attribute frequency	Definition of the activation of the timer (how often?)
3	Programs	Definition of the programs / the remote controls the timer has to act on
4	Time	Definition of the activation time of the timer (when ?)
5	Temporary block	Permits to block the next activation of the timer

Example of timer programming
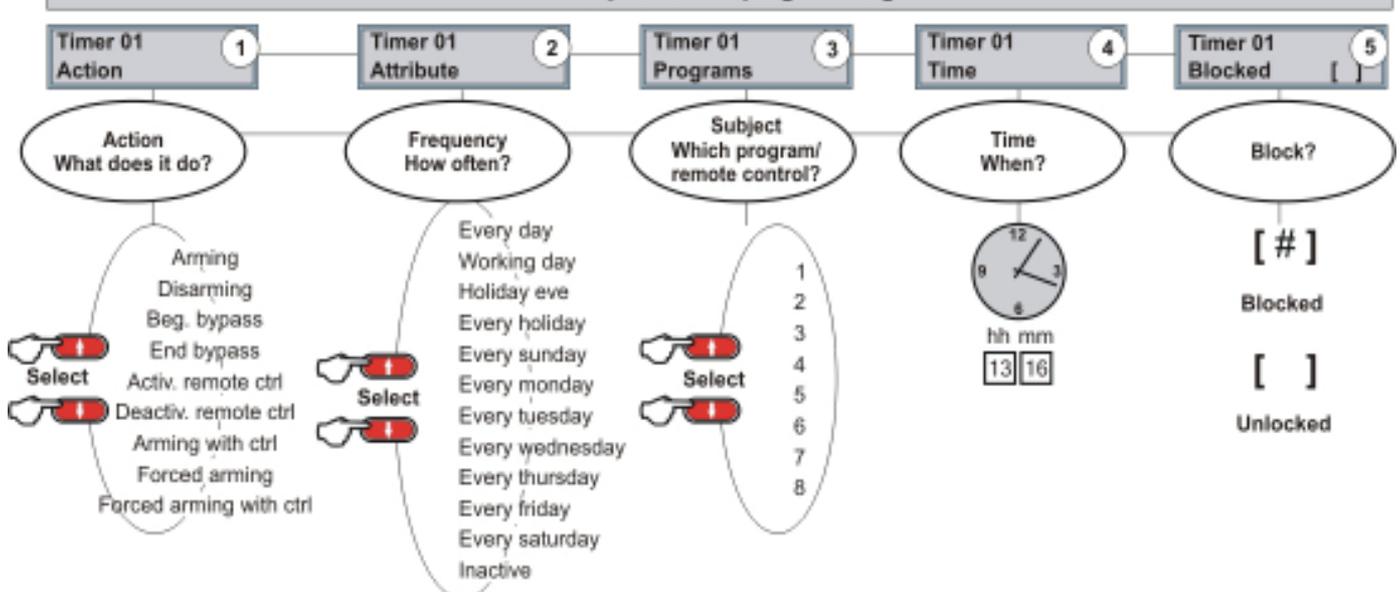
N.B. The activation/deactivation actions refer to the remote controls and not to the programs.

Time - Timers
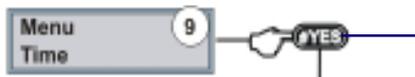
Menu
Time 9 ▸ YES

Select the time menu, press 2 and YES.

Select and enter

Time
Timers 2

YES

Name and number
of the timer

Timers
Timer 01 1 ▸ Select the timer 0 ... 9

YES

Timer 01
Action 1 ▸ Select the submenu 0 ... 9

Name of the submenu

Number of the submenu
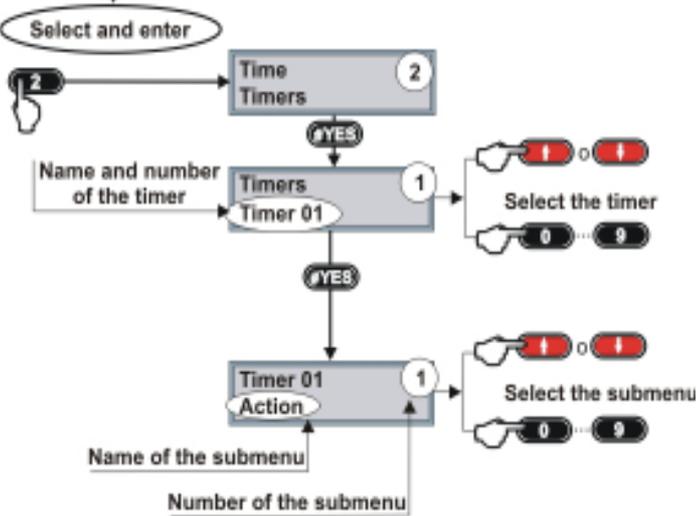
1 - Selection of the timer
On the display are viewed the name and the number of the timer.

Select the timer and press YES.

2 - Selection of the submenu
On the display are viewed the name and the number of the submenu.

Select the submenu and press YES.

1 - Action

Timer 01
Action 1

YES

Action
Arming ▸ Select the action

To confirm
and quit ▸ EXIT
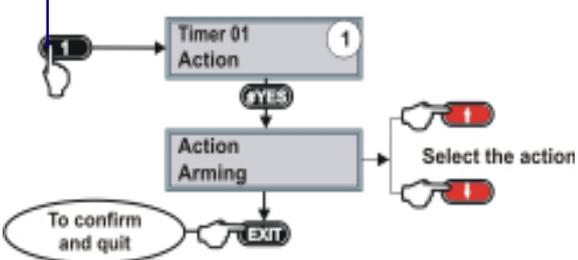
Programming of the action the timer has to execute.

Select the submenu, press 1 and YES.

Select the action.

To confirm and quit the submenu press EXIT.

2 - Attribute

Timer 01
Attribute 2

YES

Attribute
Every day ▸ Select the attribute

To confirm
and quit ▸ EXIT
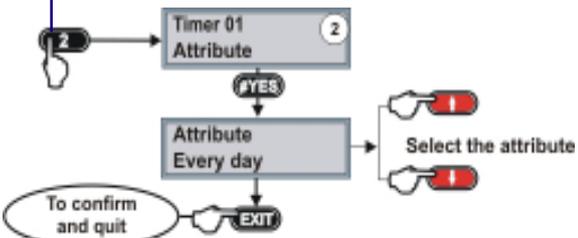
Select the attribute the timer has to execute.
The attribute determines the frequency of activation of the timer, i.e. how often the action has to be executed.

Select the submenu, press 2 and YES.

Select the attribute.

To confirm and quit the submenu press EXIT.

3 - Programs

Timer 01
Programs 3

YES

Programs
Program 01 [ ] ▸ Select the programs 0 ... 9

To confirm
and quit ▸ EXIT

Associated ▸ YES [#]

Not associated ▸ NO [ ]
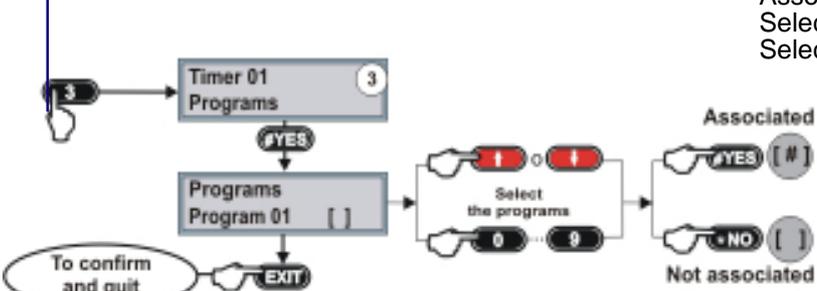
Association of the programs to the timer
Select the submenu, press 3 and YES.
Select the program.

Press YES to associate the program.

Press NO to undo the association.

N.B. It is possible to associate several programs.

To confirm and quit the submenu press EXIT.

Time - Timers

4 - Hour
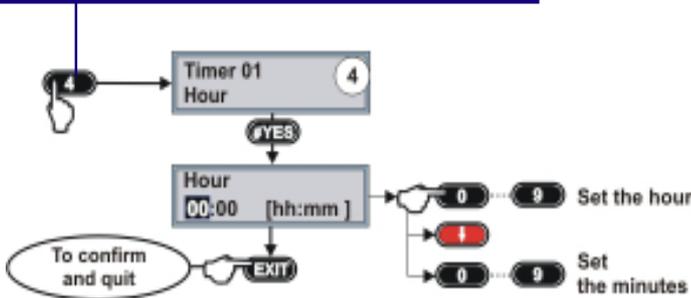
Program the hour of activation of the timer, i.e. when it has to execute the action.
Select the submenu, press 4 and YES.

Use the number keys to set the hour.
Press the arrow key.
Use the number keys to set the minutes.

To confirm and quit the submenu press EXIT.

5 - Blocked
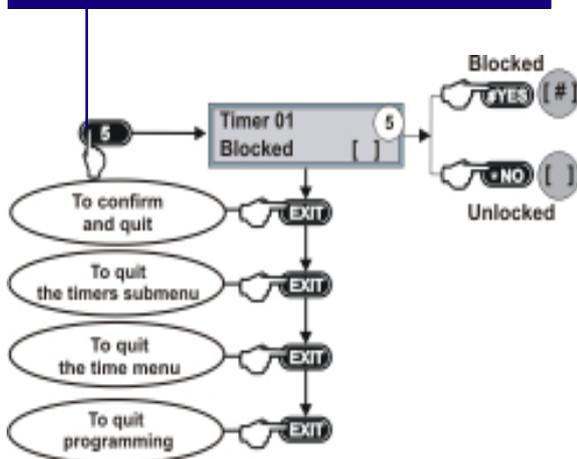
This function permits blocking of the timer on the next activation.

Select the submenu, press 5 and YES.

Press YES to block the timer.

Press NO to unlock the timer.

To confirm and quit the submenu press EXIT.

To quit the timers submenu press EXIT.

To quit the time menu press EXIT.

To quit programming press EXIT.

| Menu | 9 |
| Time | |

Time - Access periods

Time menu - Access periods

The TP8-96 VIDEO system provides 8 access periods. The access periods allow to limit enabling of the codes to a precise period of time and thus to regulate the access to the areas protected by the system.
Each access period is programmed according to 4 parameters: attribute of beginning, attribute of ending, hour of beginning, hour of ending.

Number and name of the submenu		Function
1	Attribute of beginning	Definition of activation frequency of the access period (when does it have to start?)
2	Attribute of ending	Definition of the deactivation frequency of the access period (when does it have to end?)
3	Hour of beginning	Definition of the starting hour of the access period (at what time does it start?)
4	Hour of ending	Definition of the ending hour of the access period (at what time does it end?)

Time - Access periods

Example of access period programming

| Acc. periods 01 ① | Acc. periods 01 ② | Acc. periods 01 ③ | Acc. periods 01 ④ |
| Attrib. beg. | Attrib. end | Hour beg. | Hour end |

Frequency
How often does it start?

Frequency
How often does it end?

Hour
At what time does it start?

Hour
A what time does it end?

Every day	Every day	hh mm	hh mm
Working day	Working day	08 00	20 00
Holiday eve	Holiday eve		
Every holiday	Every holiday		
Every sunday	Every sunday		
Every monday	Every monday		
Every tuesday	Every tuesday		
Every wednesday	Every wednesday		
Every thursday	Every thursday		
Every friday	Every friday		
Every saturday	Every saturday		
Inactive	Inactive		

Select

Select

| Menu ⑨ |
| Time |

Select the time menu - Press the YES key

Select and enter

Select the access period, press 3 and YES.

| Time ③ |
| Acc. periods |
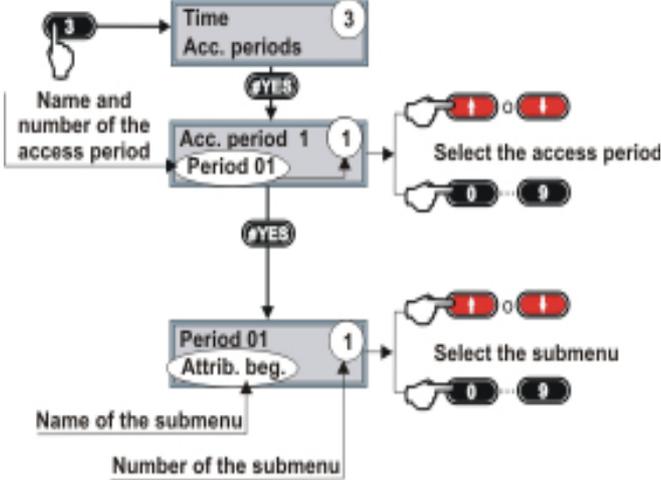
1 - Selection of the access period
On the display are viewed the name and the number of the access period.

Name and number of the access period

| Acc. period 1 ① |
| Period 01 |

Select the access period

Select the access period and press YES.

2- Selection of the submenu
On the display are viewed the name and the number of the submenu.

| Period 01 ① |
| Attrib. beg. |

Select the submenu

Select the submenu and press YES.

Name of the submenu

Number of the submenu

1 - Attribute of beginning
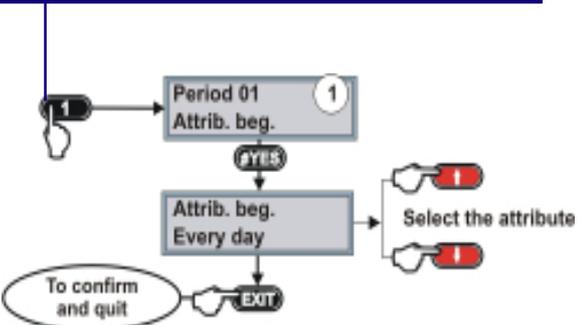
Programming of the attribute of beginning of the access period
It determines the frequency of the access period, i.e. how often the access period is started.

| Period 01 ① |
| Attrib. beg. |

Select the submenu, press 1 and YES.

| Attrib. beg. |
| Every day |

Select the attribute

Select the attribute.

To confirm and quit

To confirm and quit the submenu press EXIT.

Time - Access periods

2 - Attribute of ending
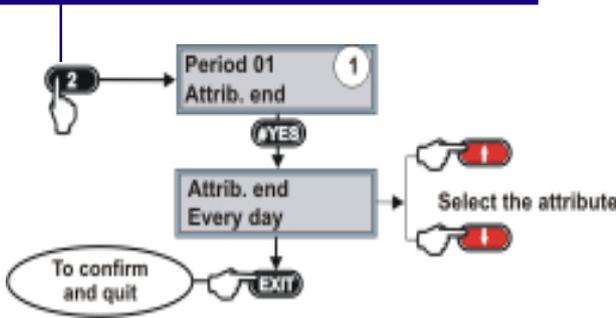
Programming of the attribute of ending of the access period
It determines the frequency of the access period, i.e. how often the access period is stopped.

Select the submenu, press 2 and YES.

Select the attribute.

To confirm and quit the submenu press EXIT.

3 - Hour of beginning
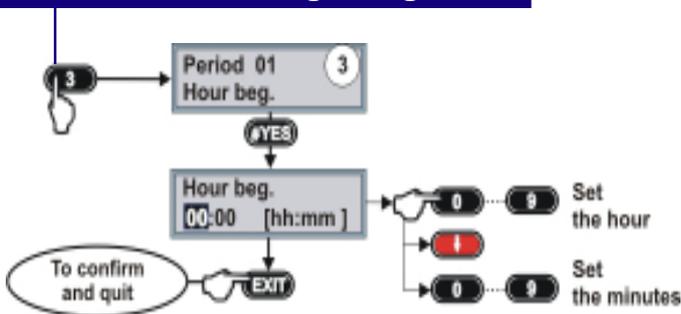
Program the hour of beginning of the access period

Select the submenu, press 3 and YES.

Use the number keys to set the hour.
Press the arrow key.
Use the number keys to set the minutes.

To confirm and quit the submenu press EXIT.

4 - Hour of ending
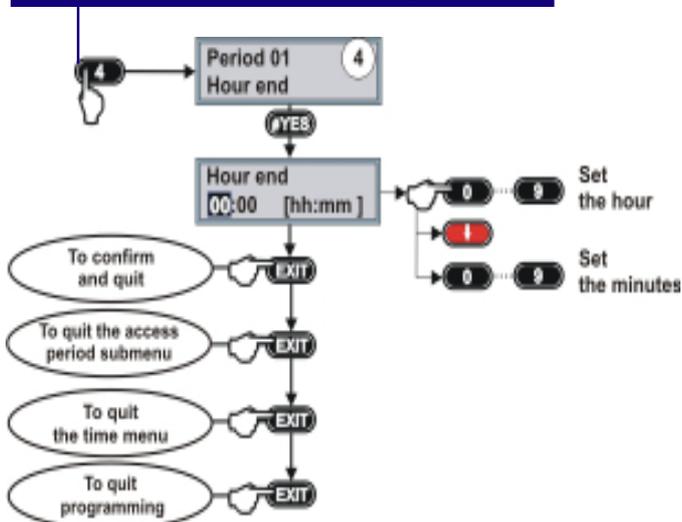
Program the hour of ending of the access period

Select the submenu, press 4 and YES.

Use the number keys to set the hour.
Press the arrow key.
Use the number keys to set the minutes.

To confirm and quit the submenu press EXIT.

To quit the access period submenu press EXIT.

To quit the time menu press EXIT.

To quit programming press EXIT.

Menu	10
Telephone	

Telephone - GSM

Telephone menu - GSM

The GSM/GPRS telephone interface is integrated in CPU board. The GSM is the main communication channel of the TP8-96 VIDEO system. The GSM menu is composed of a series of submenus which permit parametrization of the GSM interface.

	Number and name of the submenu	Function
2	Answer mode	Enabling of the GSM interface to answer to incoming calls
4	Airtime number	Programming of the number for airtime request via SMS
6	Airtime SMS	Programming of the text for airtime request
7	SMS heading	Programming of the SMS heading (for messages sent by the system)
11	Access point	Programming of the access point (GPRS network parameter)
12	Username	Programming of the username (GPRS network parameter)
13	Password	Programming of the password (GPRS network parameter)
15	SMS password	Programming of the password for the SMS sent by the system
16	SMS white list 1 *	Programming of the first telephone number enabled for the SMS commands
17	SMS white list 2 *	Programming of the second telephone number enabled for the SMS commands
18	SMS white list 3 *	Programming of the third telephone number enabled for the SMS commands

* N.B. If no telephone number has been programmed, the control panel accepts the SMS commands from any telephone number.
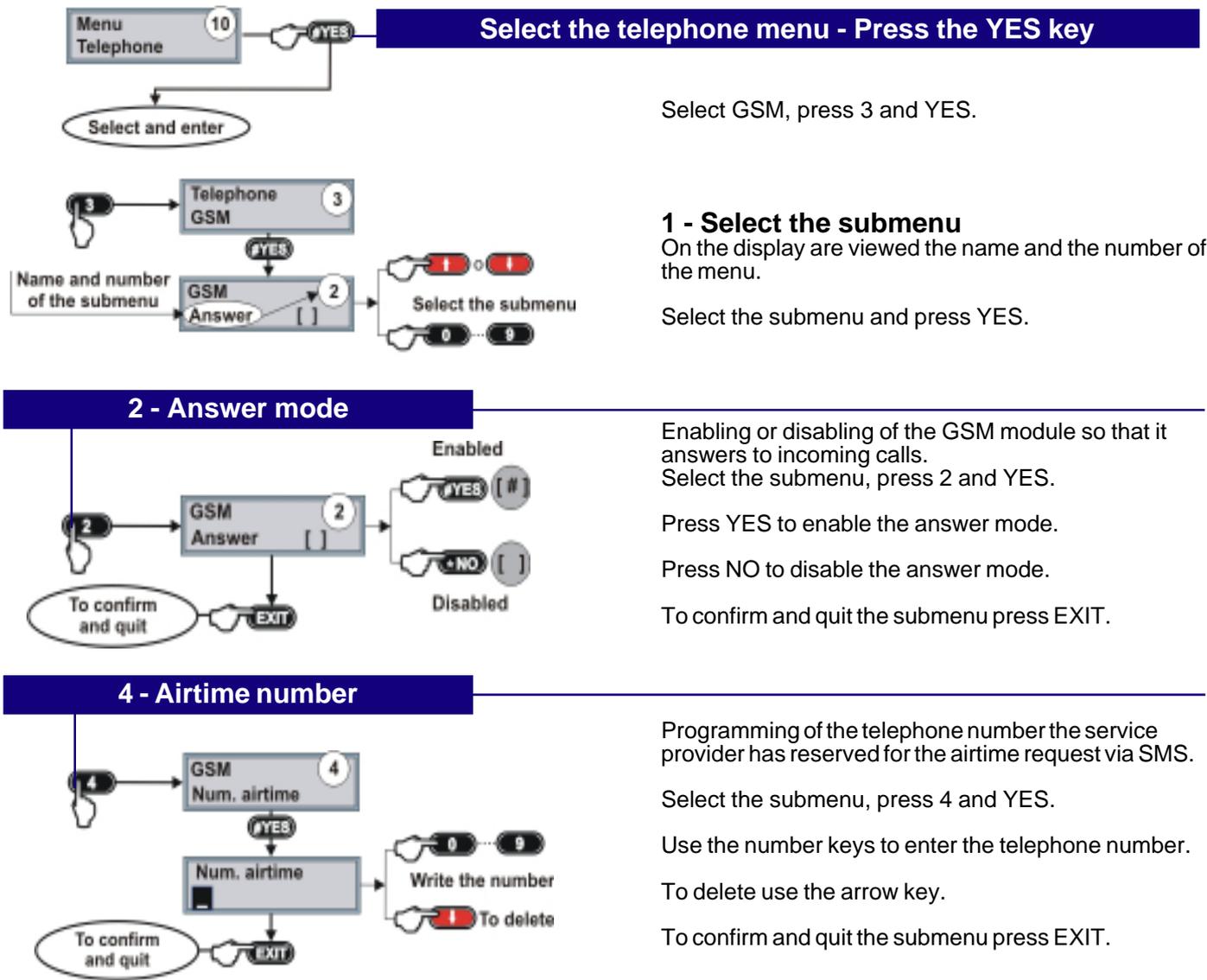
Select the telephone menu - Press the YES key

Select GSM, press 3 and YES.

1 - Select the submenu
On the display are viewed the name and the number of the menu.

Select the submenu and press YES.

2 - Answer mode

Enabling or disabling of the GSM module so that it answers to incoming calls.
Select the submenu, press 2 and YES.

Press YES to enable the answer mode.

Press NO to disable the answer mode.

To confirm and quit the submenu press EXIT.

4 - Airtime number

Programming of the telephone number the service provider has reserved for the airtime request via SMS.

Select the submenu, press 4 and YES.

Use the number keys to enter the telephone number.

To delete use the arrow key.

To confirm and quit the submenu press EXIT.

Telephone - GSM

## 6 - SMS for airtime request
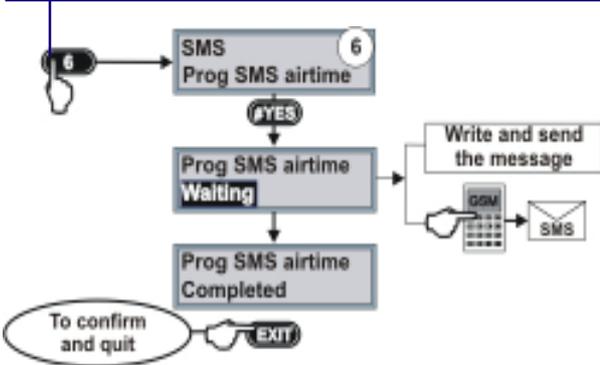
Programming of the SMS message required by the service provider for the airtime request.

Select the submenu, press 6 and YES.

Write the required SMS message and send it to the programmed airtime number,
On the display is viewed "Waiting" (blinking). Once the message has been received, on the display is viewed "Completed".

To confirm and quit the submenu press EXIT.

7 - SMS heading
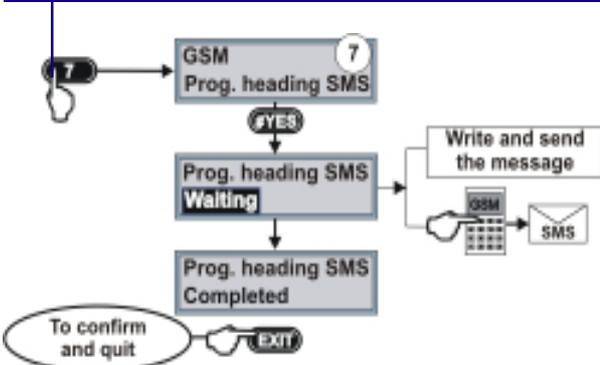
Programming of the SMS heading. The heading is used by the system when it sends messages to the users.

Select the submenu, press 7 and YES.

Write an SMS with the heading and send it to the number of the SIM card of the system.

On the display is viewed "Waiting" (blinking). Once the message has been received on the display is viewed "Completed".

To confirm and quit the submenu press EXIT.

11 - Access point
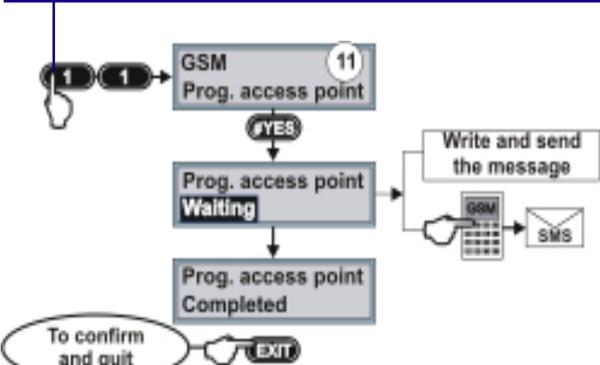
Programming of the access point, first parameter needed to access to the GPRS network.

Select the submenu, press 11 and YES.

Write an SMS with the access point required by the service provider and send it to the number of the SIM card of the system.

On the display is viewed "Waiting" (blinking). Once the message has been received on the display is viewed "Completed".

To confirm and quit the submenu press EXIT.

12 - User name
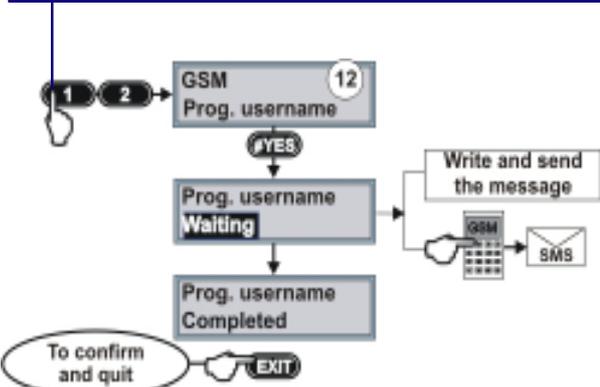
Programming of the user name, second parameter needed to access to GPRS network.

Select the submenu, press 12 and YES.

Write an SMS with the user name required by the service provider and send it to the number of the SIM card of the system.

On the display is viewed "Waiting" (blinking). Once the message has been received on the display is viewed "Completed".

To confirm and quit the submenu press EXIT.

Telephone - GSM

13 - Password
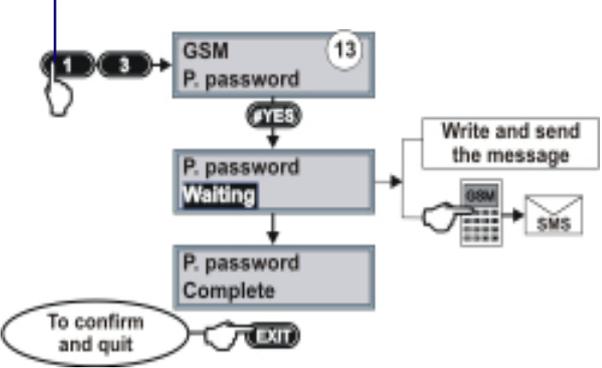
Programming of the password, third parameter needed to access to the GPRS network.

Select the submenu, press 13 and YES.

Write an SMS with the password required by the service provider and send it to the number of the SIM card of the system.

On the display is viewed "Waiting" (blinking). Once the message has been received on the display is viewed "Completed".

To confirm and quit the submenu press EXIT.

15 - SMS password
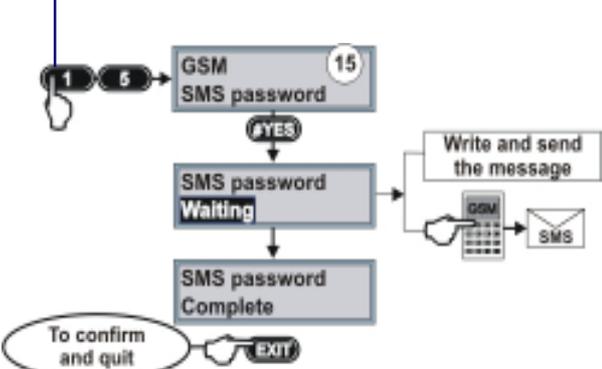
Programming of the password for commands sent via SMS.

Select the submenu, press 15 and YES.

Write an SMS with the password and send it to the number of the SIM card of the system.

On the display is viewed "Waiting"(blinking). Once the message has been received on the display is viewed "Completed".

To confirm and quit the submenu press EXIT.

White list
The white list contains the telephone numbers enabled to send commands via SMS.
It can contain 3 telephone numbers.
If the white list is empty, the system accepts the SMS commands from any telephone number.

16 - SMS white list 1
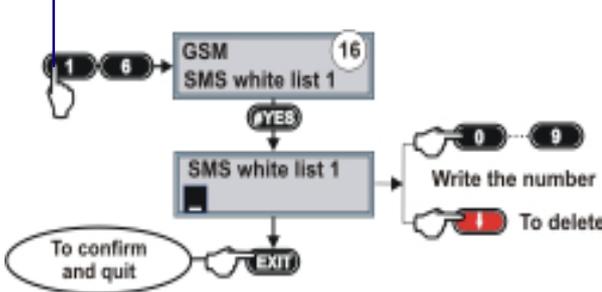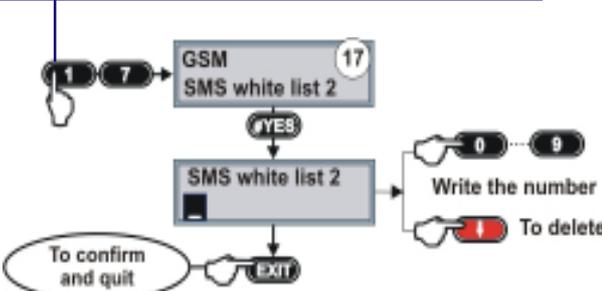

Programming of the first number of the white list.

Select the submenu, press 16 and YES.

Use the number keys to enter the telephone number.

To delete use the arrow key.

To confirm and quit the submenu press EXIT.

17 - SMS white list 2

Programming of the second number of the white list.
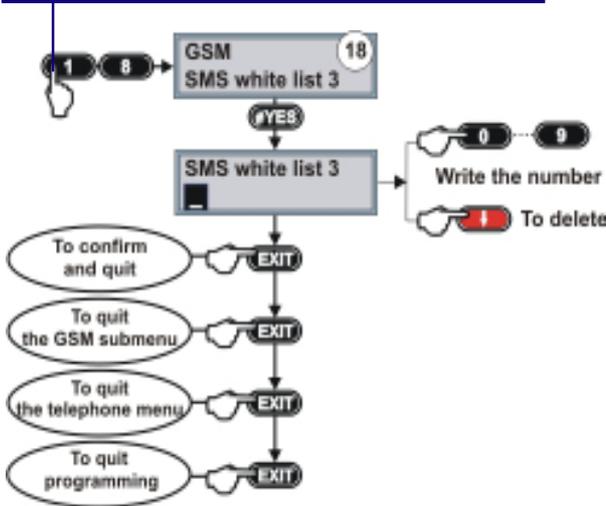
Select the submenu, press 17 and YES.

Use the number keys to enter the telephone number.

To delete use the arrow key.

To confirm and quit the submenu press EXIT.

Telephone - GSM

18 - SMS white list 3

GSM   18
SMS white list 3

YES

SMS white list 3
■

Write the number

0 ... 9

↓ To delete

To confirm and quit   EXIT

To quit the GSM submenu   EXIT

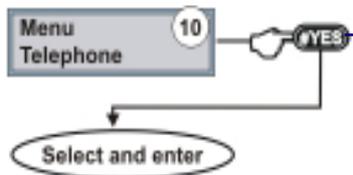To quit the telephone menu   EXIT

To quit programming   EXIT

Programming of the third number of the white list.

Select the submenu, press 18 and YES.

Use the number keys to enter the telephone number.

To delete use the arrow key.

To confirm and quit the submenu press EXIT

To quit the GSM submenu press EXIT

To quit the telephone menu press EXIT

To quit programming press EXIT

Menu   10
Telephone

Telephone - Tecnocell

Telephone menu - External GSM communicator
The TP8-96 VIDEO system can be equipped with an additional GSM telephone communicator. The Tecnocell menu provides a series of submenus which permit parametrization of the external GSM communicator.

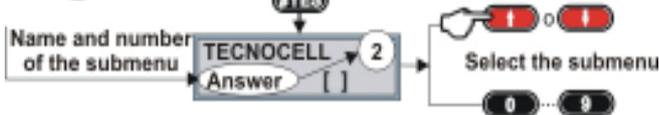| Number and name of the submenu		Function
2	Answer mode	Enabling of the GSM communicator to answer to incoming calls
5	Emergency number	Programming of the emergency number (in case of interruption of the communication between the communicator and the control panel)
7	Emergency SMS enabling	Enabling of the emergency SMS (in case of interruption of comunication between the communicator and the control panel)
8	Emergency SMS	Programming of the the text of the emergency SMS
9	Digital data channel	Enabling of the digital data channel of the communicator

Menu   10
Telephone   YES

Select and enter

Select the telephone menu - Press the YES key

Select Tecnocell, press 4 and YES.

4 →
Telephone   4
TECNOCELL

YES

Name and number of the submenu
TECNOCELL   ▾ 2
Answer   [ ]

Select the submenu

1 o ↓

0 ... 9

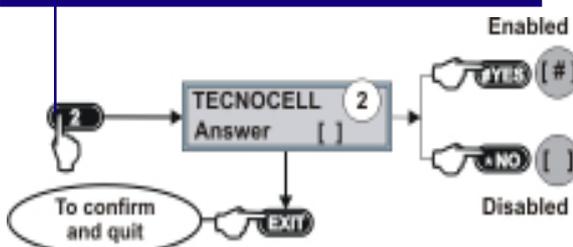### 1 - Select the submenu
On the display are viewed the name and the number of the submenu.

Select the submenu and press YES.

2 - Answer mode

Enabled

2 →
TECNOCELL   2
Answer   [ ]   →

YES [#]

NO [ ]

To confirm and quit   EXIT

Disabled

Enabling or disabling of the external GSM communicator so that it answers to incoming calls.
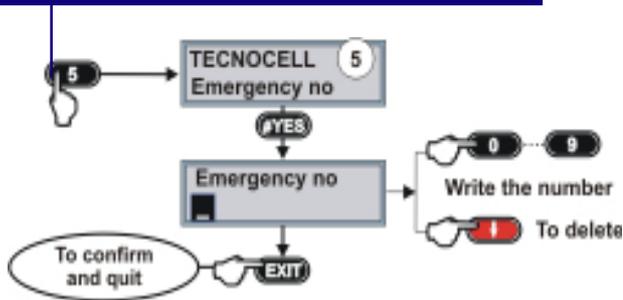
Select the submenu, press 2 and YES.

Press YES to enable the answer mode.

Press NO to disable the answer mode.

To confirm and quit the submenu press EXIT.

Telephone - Tecnocell

5 - Emergency number

Programming of the emergency telephone number (called in case of interruption of the communication between the communicator and the control panel).
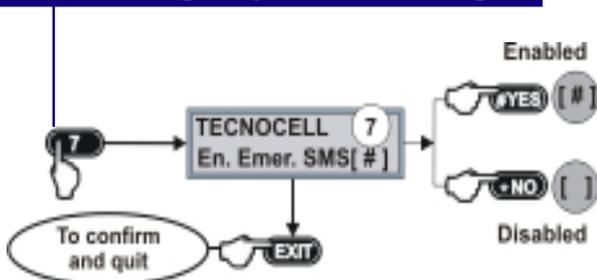
Select the submenu, press 5 and YES.

Use the number keys to enter the telephone number.

To delete use the arrow key.

To confirm and quit the submenu press EXIT.

7 - Emergency SMS enabling

Enabling or disabling of the GSM communicator so that it sends an emergency SMS (in case of interruption of the communication between the communicator and the control panel).
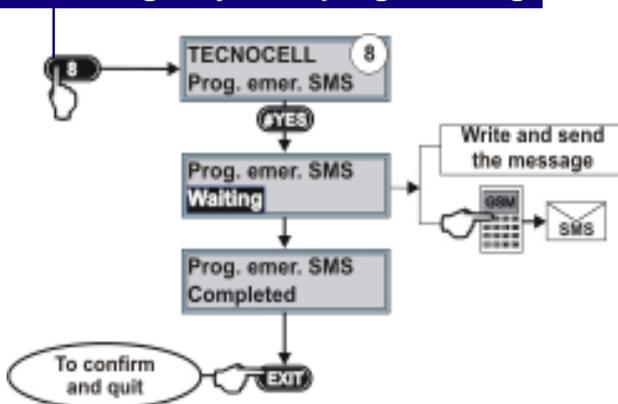
Select the submenu, press 7 and YES.

Press YES to enable the emergency SMS.

Press NO to disable the emergency SMS.

To confirm and quit the submenu press EXIT.

8 - Emergency SMS programming

Programming of the text of the emergency SMS.

Select the submenu, press 8 and YES.

Write the text of the emergency SMS which will be sent to the users and send it to the GSM communicator number.

On the display is viewed "Waiting" (blinking); once the message has been received on the display is viewed "Completed".

To confirm and quit the submenu press EXIT.

9 - Digital data channel
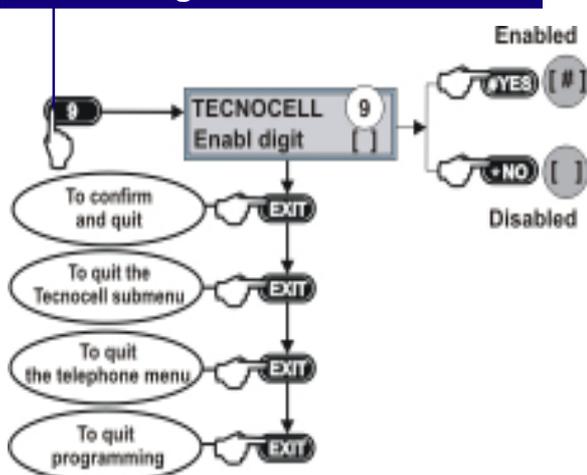
Enabling or disabling of the digital data channel of the GSM communicator.

Select the submenu, press 9 and YES.

Press YES to enable the digital data channel.

Press NO to disable the digital data channel.

To confirm and quit the submenu press EXIT.

To quit the Tecnocell submenu press EXIT.

To quit the telephone menu press EXIT.

To quit programming press EXIT.

Menu Telephone	10	Telephone - Channels from A to H

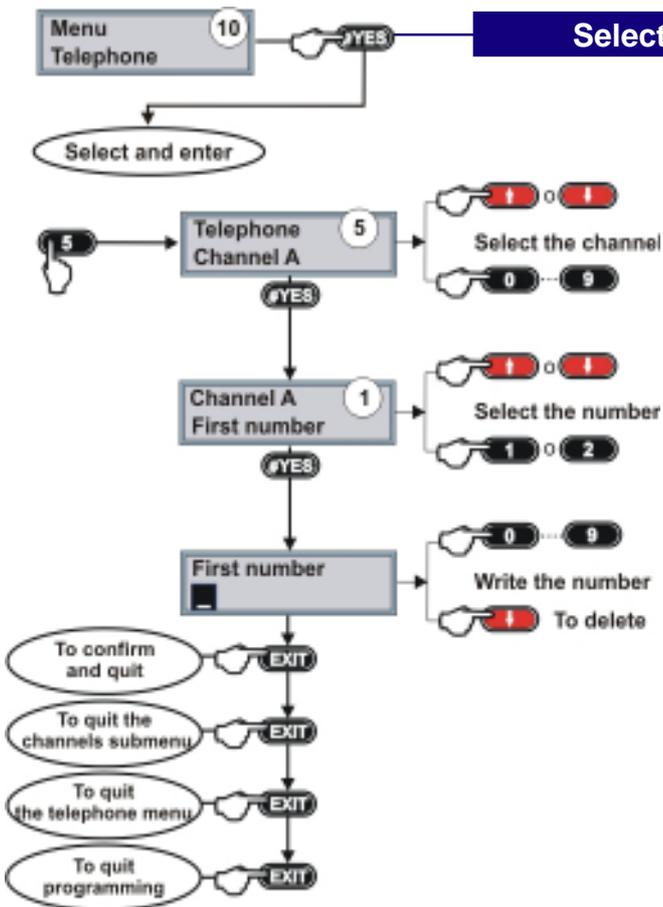## Telephone menu - Telephone channels

The TP8-96 VIDEO system is equipped with 8 telephone channels. Each channel can be programmed with 2 telephone numbers which are called by the system according to programming. These telephone numbers are used to send the associated events.

Please note

Before changing the telephone numbers, contact your installer.
If you change the numbers in an inappropriate way, you could prejudice the transmission of the telephone calls in case of alarm.

Number and name of the menu		Function
5	Channel A	Programming of the 2 numbers of the channel A
6	Channel B	Programming of the 2 numbers of the channel B
7	Channel C	Programming of the 2 numbers of the channel C
8	Channel D	Programming of the 2 numbers of the channel D
9	Channel E	Programming of the 2 numbers of the channel E
10	Channel F	Programming of the 2 numbers of the channel F
11	Channel G	Programming of the 2 numbers of the channel G
12	Channel H	Programming of the 2 numbers of the channel H

Select the telephone menu - Press the YES key

1 - Select the channel

Select the channel entering the corresponding number indicated in the table.
For example, to select the channel A, press 5 and YES.

2 - Selection of the telephone number

Select the telephone number to consult or to change.

3 - Enter the number

Enter the number. To delete or change a number use the arrow key.

To confirm and quit the submenu press EXIT.

To quit the channel submenu press EXIT.

To quit the telephone menu press EXIT.

To quit programming press EXIT.

| Menu	10
Telephone	

Telephone - Call back

Telephone menu - Call back

The call back function permits the bidirectional communication between the TP8-96 VIDEO system and the Tecnoalarm software.

Thanks to the call back function, the installer is able to check the system's functioning and to modify programming according to the user's needs.

Warning

The use of the call back function must be previously agreed with your installer.
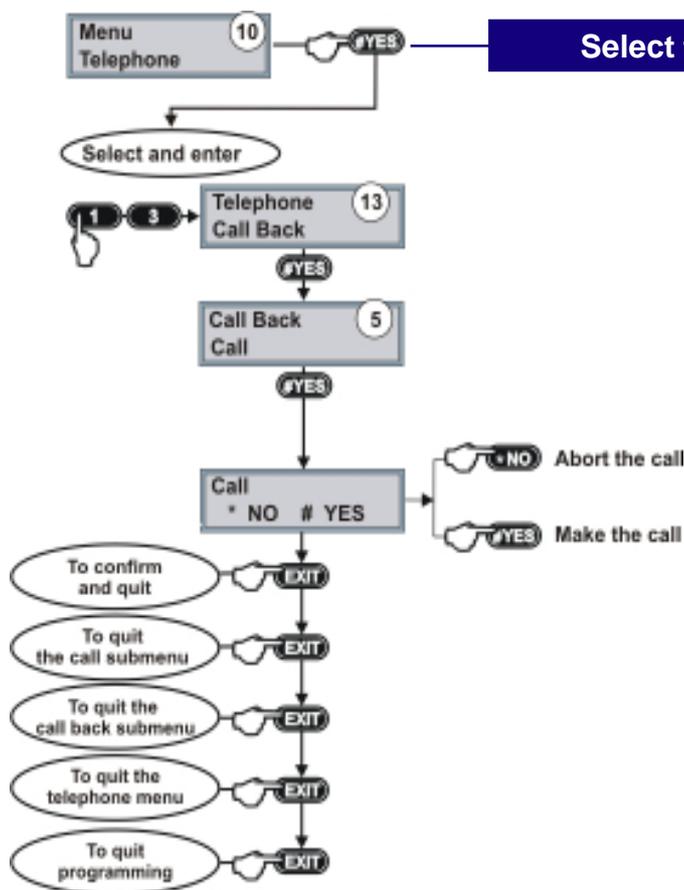
Select the telephone menu - Press the YES key

1 - Select the call back menu
Press 13 and YES.

2 - Access to the function
Press YES.

3 - Call

Press NO to abort the call.

Press YES to make the call.

To confirm and quit press EXIT.

To quit the call submenu press EXIT.

To quit the call back submenu press EXIT.

To quit the telephone menu press EXIT.
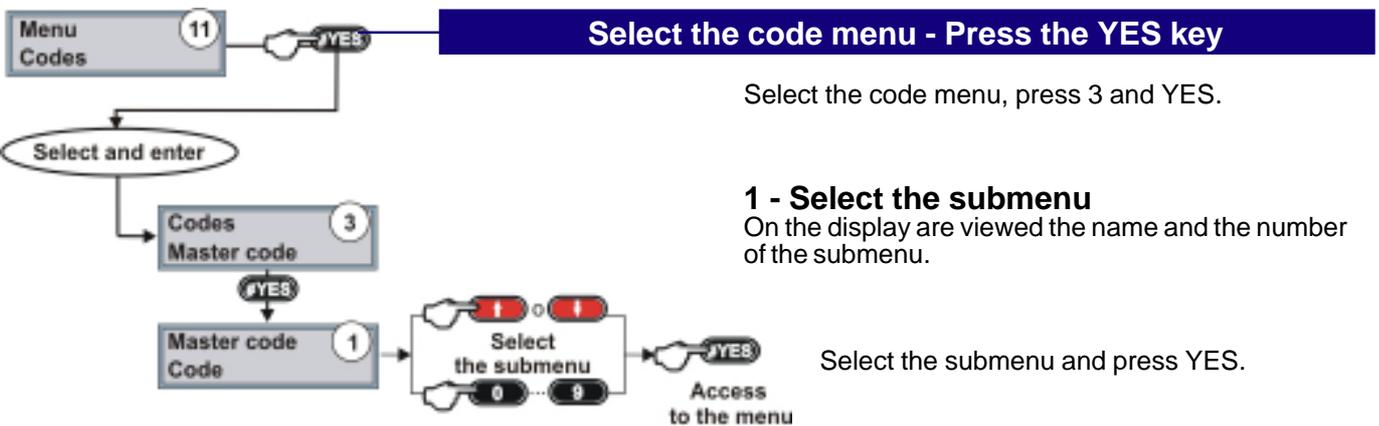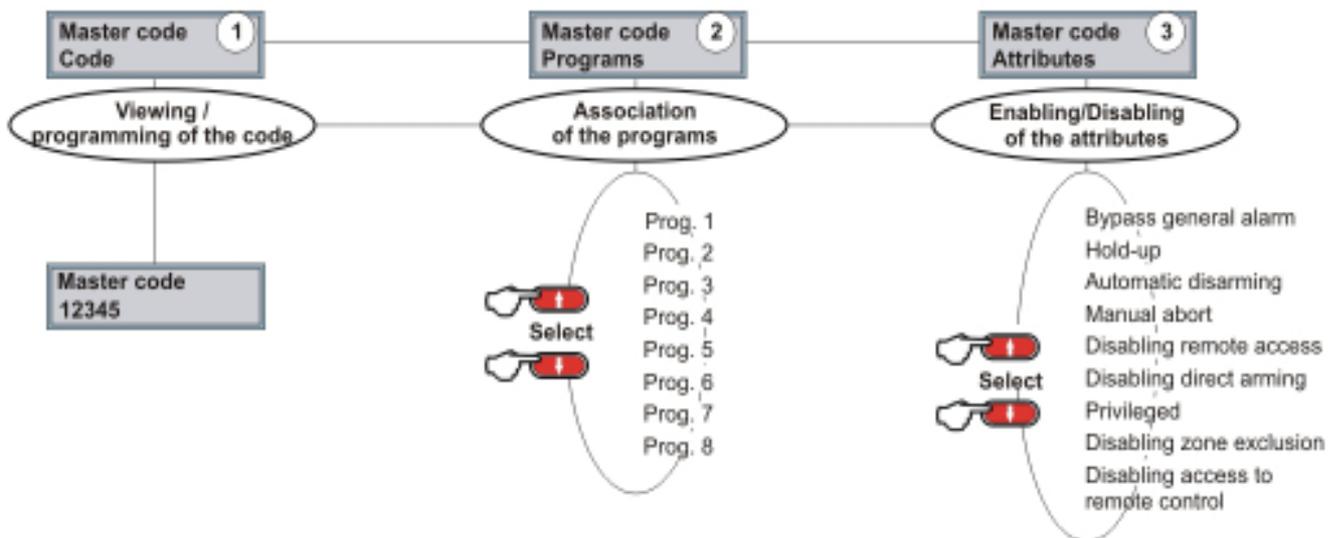
To quit programming press EXIT.

Menu	11
Codes	

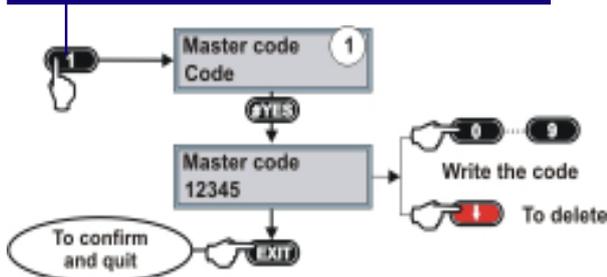# Codes - Master code

Code menu - Master code

The master code is generally reserved to the owner of the system. The master code gives access to the programming menu and is enabled to act on all of the system's programs and codes.

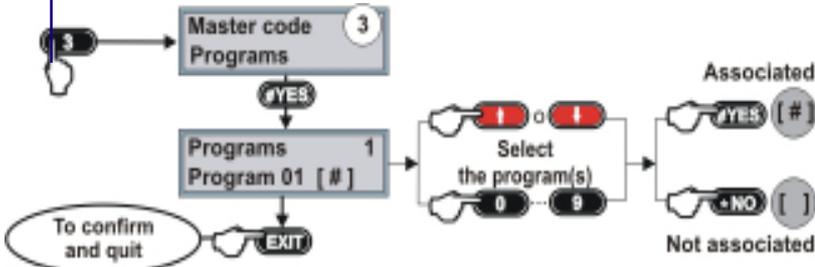| Number and name of the submenu		Function
1	Codes	Programming of the master code
3	Programs	Association of the code to the programs (definiton of the programs controled by the code)
4	Attributes	Selection of the attributes (definition of the code's functions)

Example of master code programming

Select the code menu - Press the YES key

Select the code menu, press 3 and YES.

1 - Select the submenu

On the display are viewed the name and the number of the submenu.

Select the submenu and press YES.

1 - Code

Select the submenu, press 1 and YES to view the code.

To delete an existing code press the arrow key. Use the number keys to enter the code.

Warning - The code length can be 4, 5 or 6 digits (according to programming) and cannot be changed.

To confirm and quit the submenu press EXIT.

Codes - Master code

3 - Programs

Association of the programs
Select the submenu, press 3 and YES.
Select the program.

Master code   3
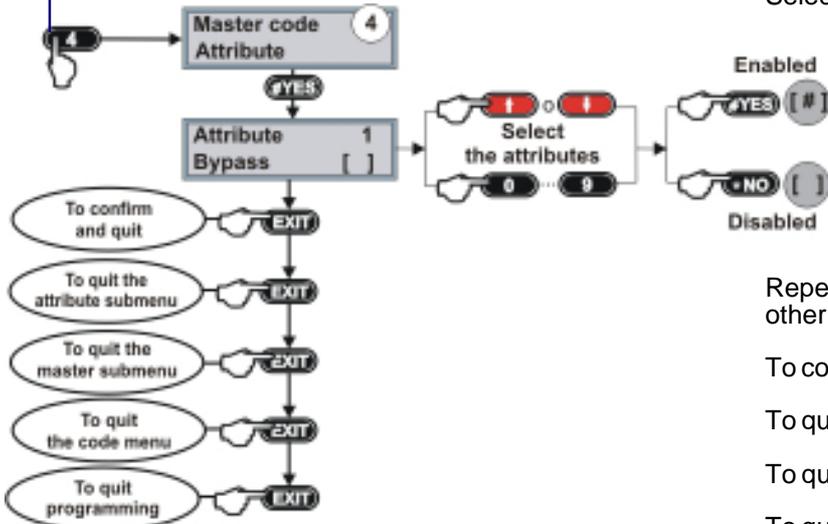Programs

YES

Programs   1
Program 01 [#]

Select
the program(s)
0 ... 9

Associated
YES [#]

Press YES to associate the code.

NO [ ]
Not associated

Press NO to undo the association.

To confirm
and quit   EXIT

Repeat the same operations for the other programs.

To confirm and quit the submenu press EXIT.

4 - Attributes

Enabling or disabling of the attributes
Select the submenu, press 4 and YES.
Select the attribute.

Master code   4
Attribute

YES

Attribute   1
Bypass   [ ]

Select
the attributes
0 ... 9

Enabled
YES [#]

Press YES to enable the attribute.

NO [ ]
Disabled

Press NO to disable the attribute.

To confirm
and quit   EXIT

To quit the
attribute submenu   EXIT

To quit the
master submenu   EXIT

To quit
the code menu   EXIT

To quit
programming   EXIT

Repeat the same operations to enable or disable the other attributes.

To confirm and quit, press EXIT.

To quit the attribute submenu press EXIT.

To quit the master submenu press EXIT.

To quit the code menu press EXIT.

To quit programming press EXIT.

Menu	11
Codes	

Codes - Standard user codes

Code menu - Standard user codes

Compared with the master code, the functions of the standard user codes are limited. They cannot access to the programming menus. The TP8-96 VIDEO system manage up to 200 user codes. For each of them it is possible to define a personal functioning profile.

Number and name of the submenu		Function
1	Codes	Programming of the user codes by the holder of the master code
2	Access periods	Association of the code to the access periods (periodsduring which the code is enabled)
3	Programs	Association of the code to the programs (definition of the programs controled by the code)
4	Attributes	Selection of the attributes (definition of the code's functions)

Example of user code programming

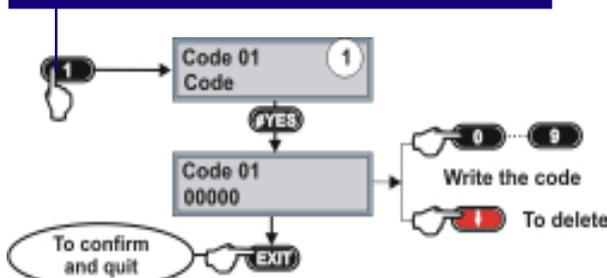### Select the code menu - Press the YES key
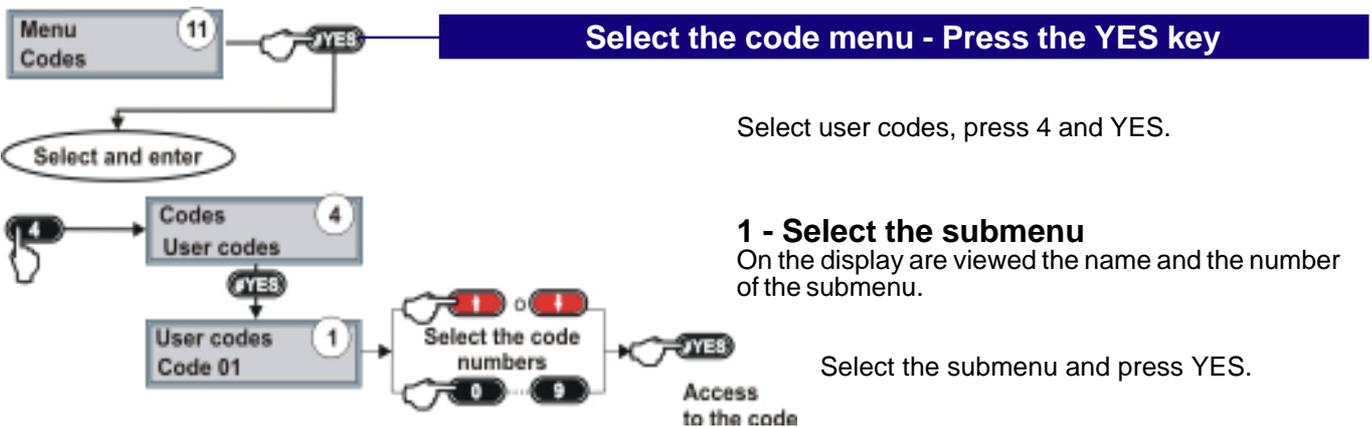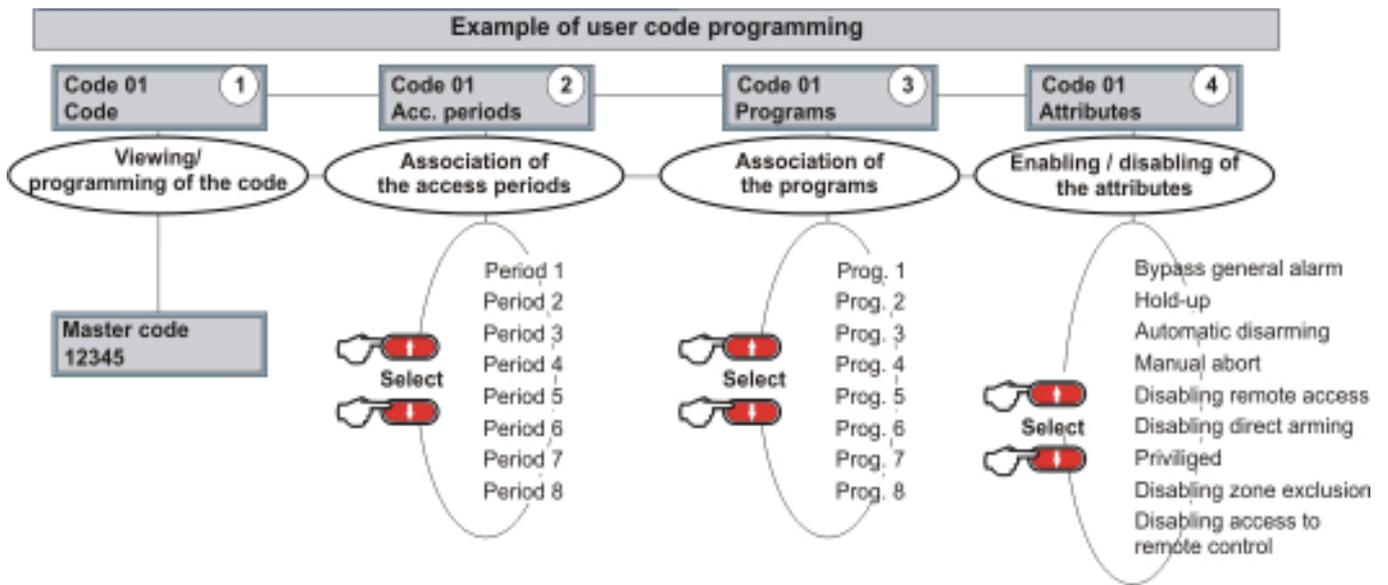
Select user codes, press 4 and YES.

1 - Select the submenu
On the display are viewed the name and the number of the submenu.

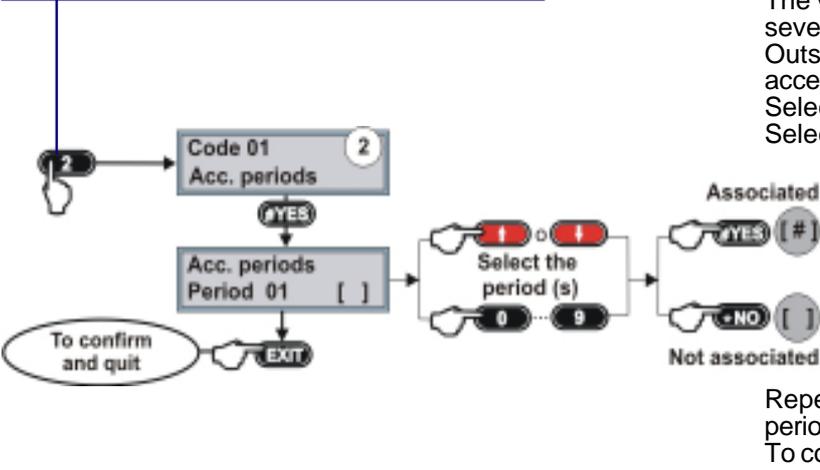Select the submenu and press YES.

1 - Code

Select the submenu, press 1 and YES to view the code.
To delete an existing code press the arrow key. Use the number key to enter the code.

Warning - The code length can be 4 or 5 digits (according to programming) and cannot be changed.

To confirm and quit the submenu press EXIT.
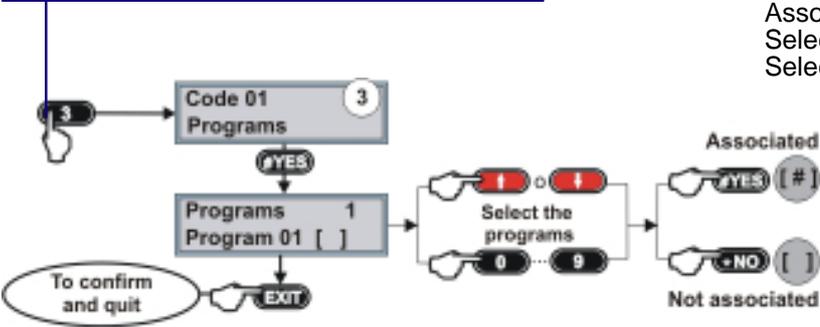
2 - Access periods

The validity of the code can be limited to one or several access periods.
Outside the associated access period, the code is not accepted.
Select the submenu, press 2 and YES.
Select the access period.

Code 01 ② Acc. periods

YES

Acc. periods
Period 01 [ ]

Select the period (s)

0 ... 9

To confirm and quit → EXIT

Associated
YES [#]

Press YES to associate the code to the access period.

NO [ ]
Not associated

Press NO to undo the association of the access period.

Repeat the same operations for the other access periods.
To confirm and quit the submenu press EXIT.

3 - Programs

Association of the programs
Select the submenu, press 4 and YES.
Select the program.

Code 01 ③ Programs

YES

Programs 1
Program 01 [ ]

Select the programs

0 ... 9

To confirm and quit → EXIT

Associated
YES [#]

Press YES to associate the code.

NO [ ]
Not associated

Press NO to undo the association.

Repeat the same operations for the other programs.

To confirm and quit the submenu press EXIT.
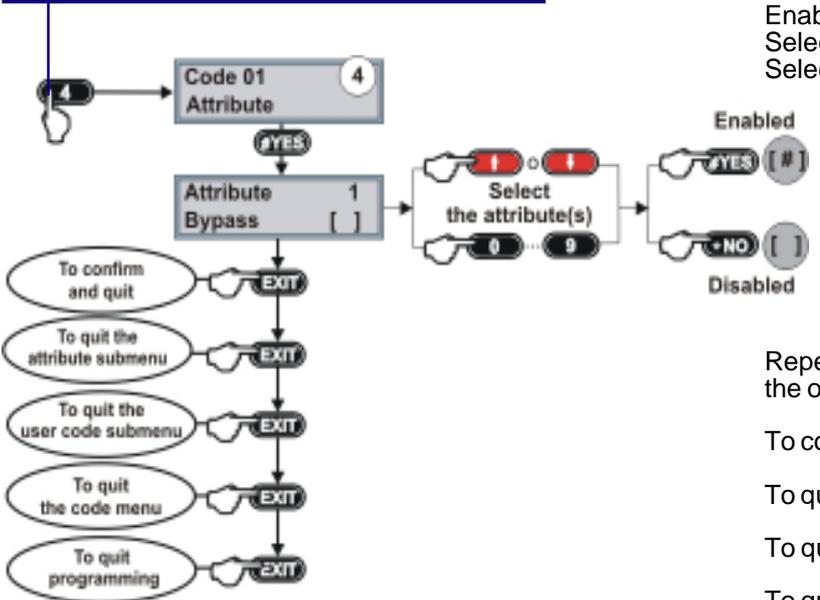
4 - Attributes

Enabling or disabling of the attributes
Select the submenu, press 5 and YES.
Select the attribute.

Code 01 ④ Attribute

YES

Attribute 1
Bypass [ ]

Select the attribute(s)

0 ... 9

To confirm and quit → EXIT

To quit the attribute submenu → EXIT

To quit the user code submenu → EXIT

To quit the code menu → EXIT

To quit programming → EXIT

Enabled
YES [#]

Press YES to enable the attribute

NO [ ]
Disabled

Press NO to disable the attribute

Repeat the same operations to enable or to disable the other attributes.

To confirm and quit the submenu press EXIT.

To quit the attribute submenu press EXIT.

To quit the user code submenu press EXIT.

To quit the code menu press EXIT.
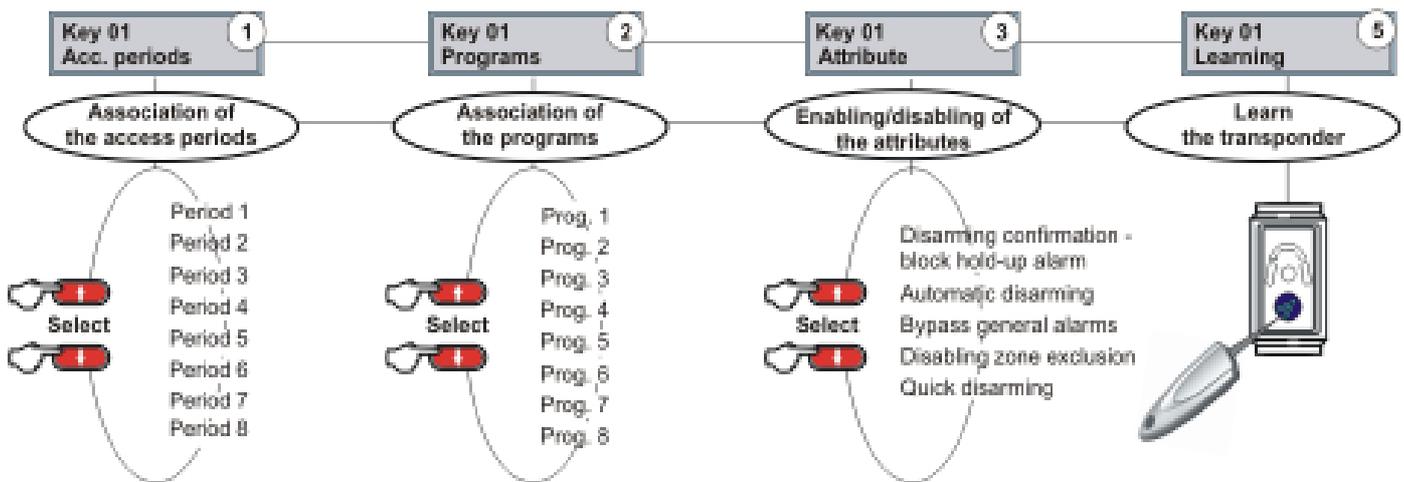
To quit programming press EXIT.

Menu	12
Keys	

Transponders

Key menu

The TP8-96 VIDEO system is able to manage up to 100 transponders. For each of them it is possibile to define a personale functioning profile.
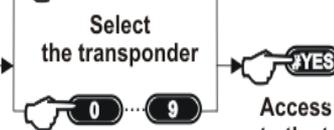
Number and nome of the submenu		Function
1	Access periods	Association of the transponder to the access periods (periods during which the transponder is enabled)
2	Programs	Association of the transponder to the programs (definition of the programs controled by the transponder)
3	Attributes	Selection of the attributes (definition of the transponder's functions)
5	Learning	Self-learning (the system stores the code of the transponder)

Example of transponder programming

Key 01 Acc. periods ① — Association of the access periods
Period 1 / Period 2 / Period 3 / Period 4 / Period 5 / Period 6 / Period 7 / Period 8
Select

Key 01 Programs ② — Association of the programs
Prog. 1 / Prog. 2 / Prog. 3 / Prog. 4 / Prog. 5 / Prog. 6 / Prog. 7 / Prog. 8
Select

Key 01 Attribute ③ — Enabling/disabling of the attributes
Disarming confirmation - block hold-up alarm
Automatic disarming
Bypass general alarms
Disabling zone exclusion
Quick disarming
Select

Key 01 Learning ⑤ — Learn the transponder

Menu	12
Keys	
→ YES

Select the key menu - Press the YES key

Select and enter

Keys	1
Key 01	
→ Select the transponder → YES → Access to the transponder

1 - Select the transponder
On the display are viewed the name and the number of the transponder.

Select the transponder, press YES.

1 - Access periods

Key 01	1
Acc. periods	
YES

Acc. periods	
Period 01	[ ]

To confirm and quit → EXIT

Select the period(s) → Associated YES [#] / Not associated NO [ ]

The validity of the transponder can be limited to one or several access periods. Outside the associated access period, the transponder is not accepted.
Select the submenu, press 1 and YES.
Select the access period.
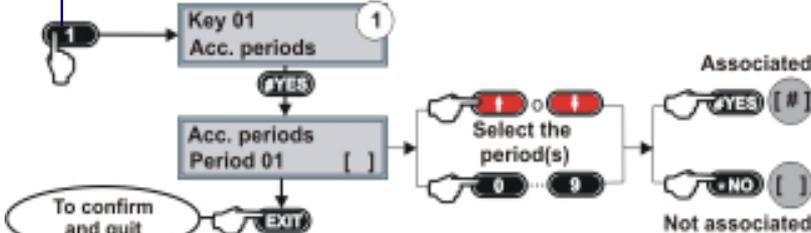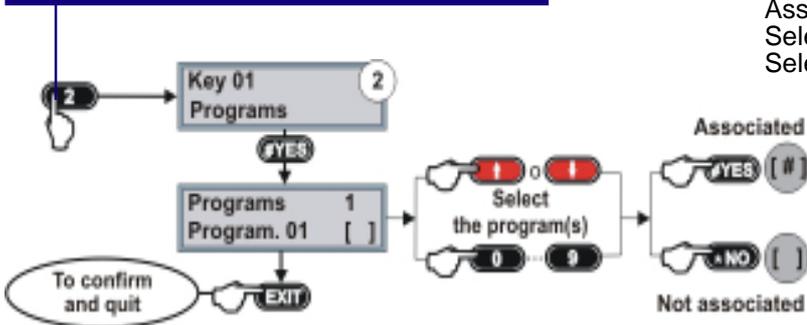
Press YES to associate the access period.

Press NO to undo the association of the access period.

Repeat the same operations for the other access periods.
To confirm and quit the submenu press EXIT.

Transponders

2 - Programs

Association of the programs
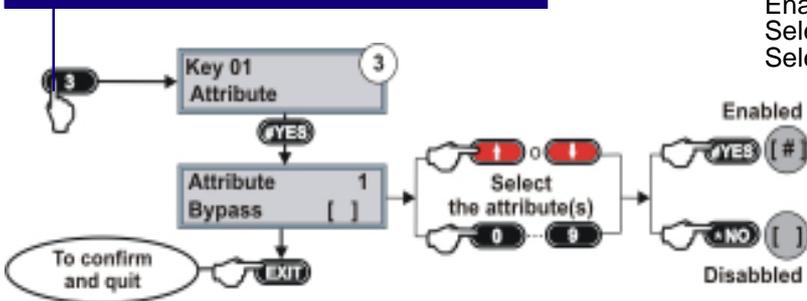Select the submenu, press 2 and YES.
Select the program.

Press YES to associate the transponder.

Press NO to undo the association.

Repeat the same operations for the other programs.

To confirm and quit the submenu press EXIT.

3 - Attributes

Enabling or disabling of the attributes
Select the submenu, press 3 and YES.
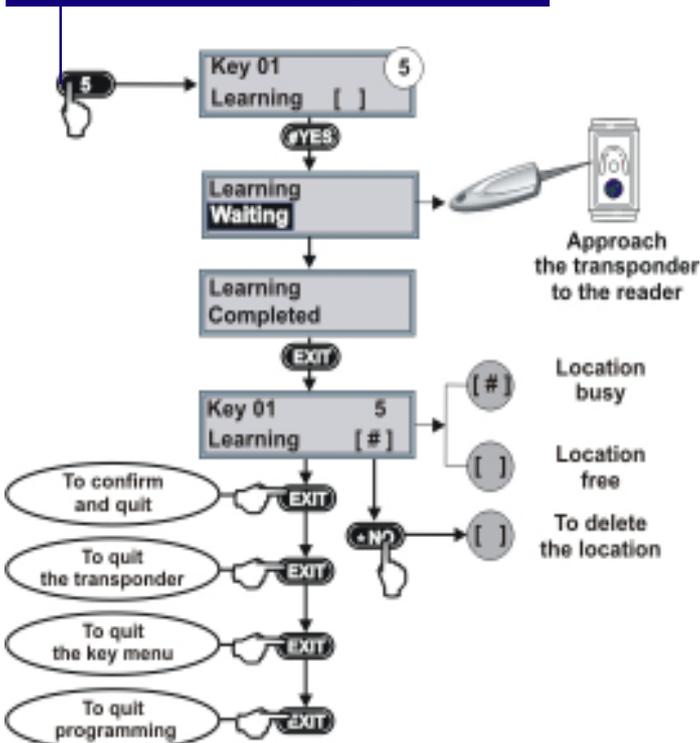Select the attribute.

Press YES to enable the attribute.

Press NO to disable the attribute.

Repeat the same operations to enable or to disable the other attributes.

To confirm and quit the submenu press EXIT.

5 - Learning

Self-learning permits storage of the transponder.
Select the submenu, press 5 and YES.

On the display is viewed "Waiting" (blinking).
Approach the transponder to the reader. The reader learns the transponder.
On the display is viewed "Completed".

To quit learning submenu press EXIT.

On the display is viewed if the location is free or busy.
Please note: Before learning of a new transponder, check the availability of the location is free.
If the location is busy, delete the existing transponder by pressing the NO key.
Repeat the same operations for the other transponders.

To confirm and quit the learning submenu press EXIT.

To quit the transponder press EXIT.

To quit the key menu press EXIT.

To quit programming press EXIT.

Menu	13
WL keys	

Wireless keys
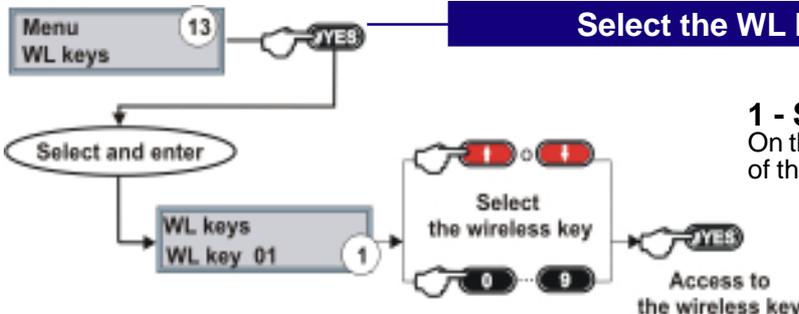
Wireless key menu

The TP8-96 VIDEO system is able to manage up to 100 wireless keys. For each of them it is possible to define a personale functioning profile.

Number and name of the submenu		Function
1	Access periods	Association of the wireless key to the access periods (periods during which the WL key is enabled)
2	Button association	Association of the keys to the functions
3	Attributes	Selection of the attributes (definition of the wireless key's functions)
4	Learning	Self-learning (the system stores the code of the wireless key)

Example of wireless key programming
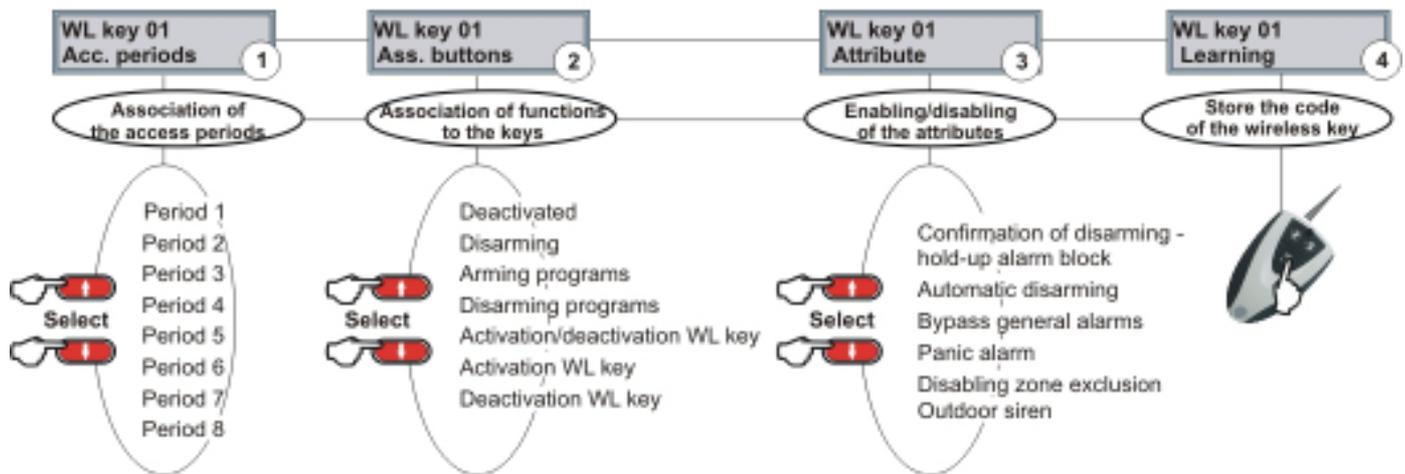
### Select the WL key menu - Press the YES key

1 - Select the wireless key
On the display are viewed the name and the number of the wireless key.

Select the wireless key and press YES.

1 - Access periods

The validity of the wireless key can be limited to one or several access periods.
Outside the associated access period the wireless key is not accepted.
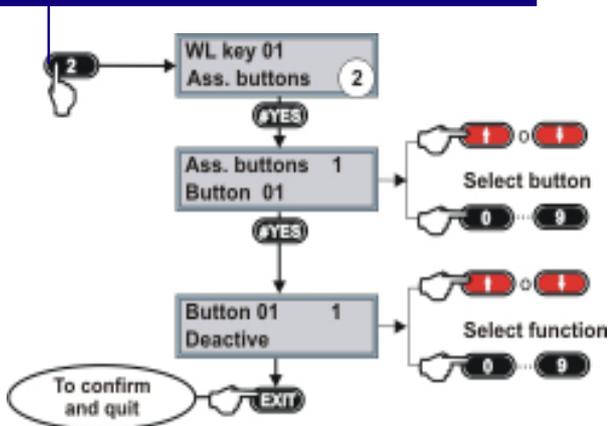Select the submenu, press 1 and YES.
Select the access period.
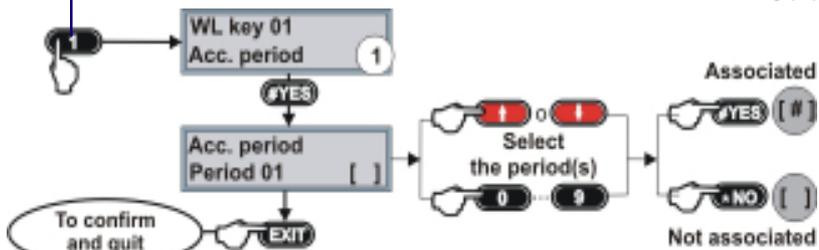
Press YES to associate the access period.

Press NO to undo the association of the access period.

Repeat the same operations for the other access periods.
To confirm and quit the submenu press EXIT.

Wireless key

2 - Button association

WL key 01
Ass. buttons   (2)

(YES)

Ass. buttons   1
Button 01

Select button

(YES)

Button 01   1
Deactive

Select function

To confirm
and quit   (EXIT)

Association of functions to the 3 keys of the wireless key.
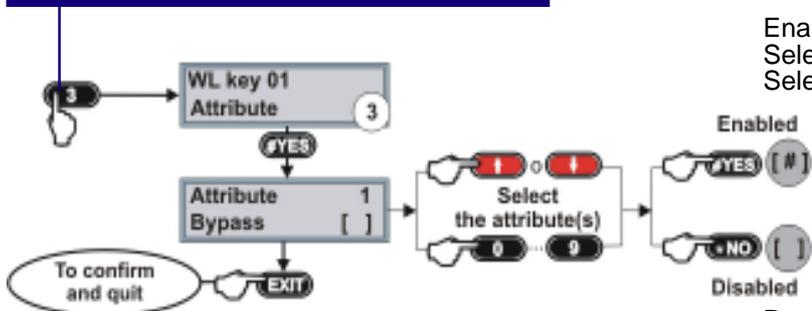Select the submenu, press 2 and YES.

Select the key.

Select the function.

Repeat the same operations for the other keys.

To confirm and quit the submenu press EXIT.

3 - Attributes

WL key 01
Attribute   (3)

(YES)

Attribute   1
Bypass   [ ]

Select
the attribute(s)

Enabled

(YES) [#]

Disabled

(NO) [ ]

To confirm
and quit   (EXIT)

Enabling or disabling of the attributes
Select the submenu, press 3 and YES.
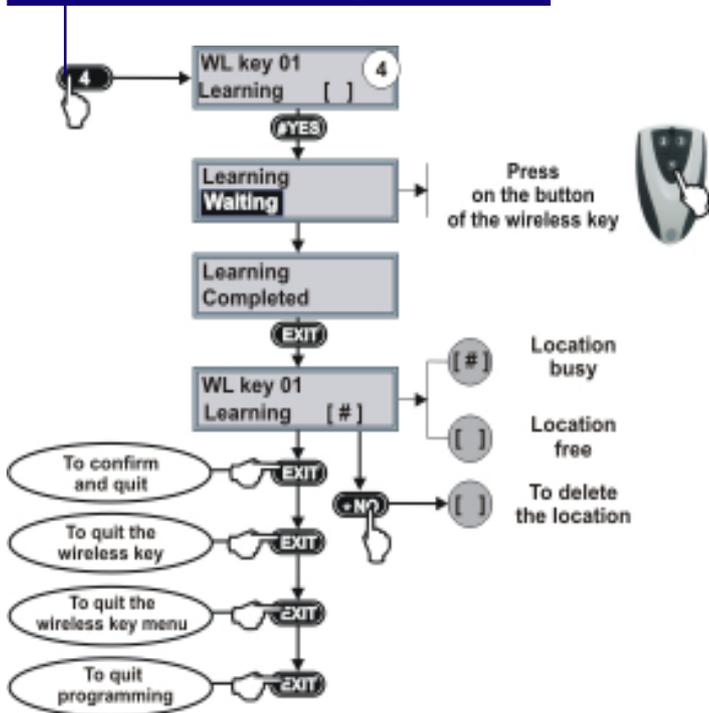Select the attribute.

Press YES to enable the attribute.

Press NO to disable the attribute.

Repeat the same operations to enable or disable the other attributes.
To confirm and quit the submenu press EXIT.

4 - Learning

WL key 01   (4)
Learning   [ ]

(YES)

Learning
Waiting

Press
on the button
of the wireless key

Learning
Completed

(EXIT)

WL key 01
Learning   [#]

Location
busy   [#]

Location
free   [ ]

To delete
the location   (NO) [ ]

To confirm
and quit   (EXIT)

To quit the
wireless key   (EXIT)

To quit the
wireless key menu   (EXIT)

To quit
programming   (EXIT)

Self-learning function permits storage of the wireless key.
Select the submenu, press 4 and YES.

On the display is viewed "Waiting" (blinking). Press on the button of the wireless key for 5 seconds.
The transmission LED is lit to indicate
2 transmissions of the code.
Once the wireless key has been learned on the display is viewed "Completed".

To quit learning submenu press EXIT.

On the display is viewed if the location is free or busy.
Please note: Before learning of a new wireless key check the availability of the location is free.
If the location is busy, delete the existing wireless key by pressing the NO key.

Repeat the same operations with the other wireless keys.

To confirm and quit the learning submenu press EXIT.

To quit the wireless key press EXIT.

To quit the wireless key menu press EXIT.
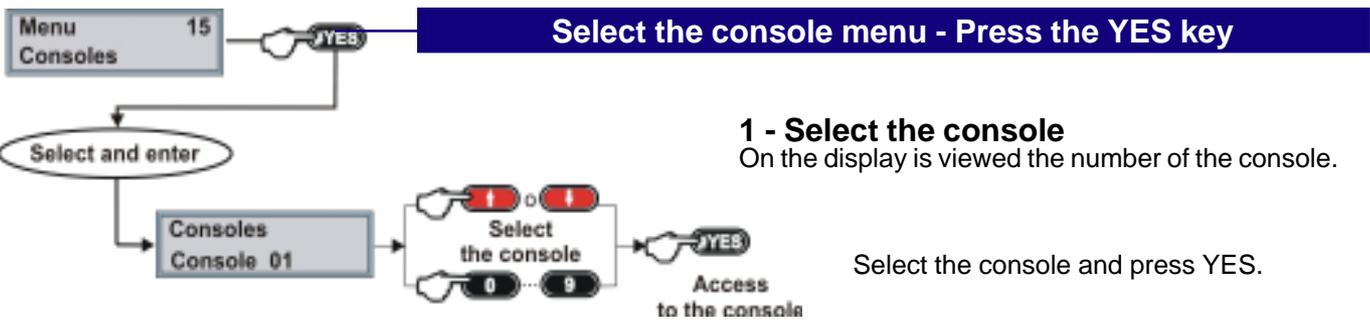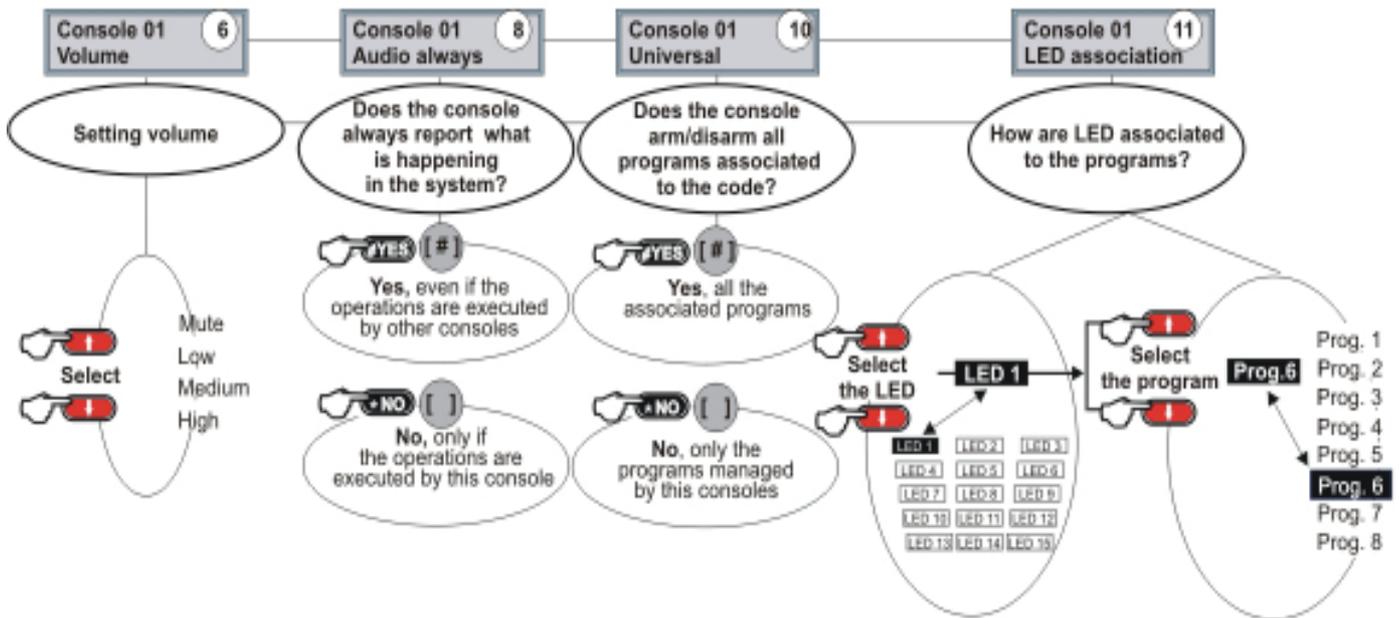
To quit programming press EXIT.

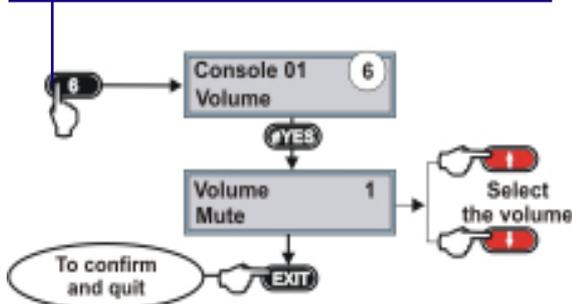| Menu	15
Consoles	

Consoles

Console menu

The console menu permits the customization of the voice report parameters the volume and the grid of program status LED.

Number and name of the submenu		Function
6	Volume	Setting of the loudspeaker volume
8	Audio always	Enabling of the voice report even if the operations are executed by another console
10	Universal	Enabling of the console for arming/disarming of all programs associated to the code even if they are not managed by the console
11	LED association	Permits the free association of the console LED to the programs

Example of console programming

Select the console menu - Press the YES key

1 - Select the console
On the display is viewed the number of the console.

Select the console and press YES.

---

6 - Volume

Set the volume of the console.
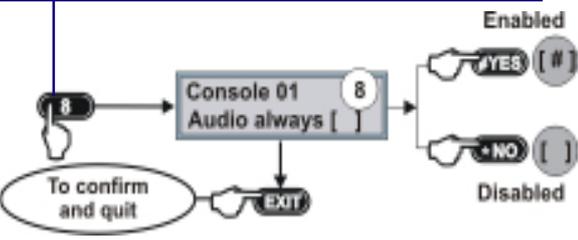
To confirm and quit the submenu press EXIT.
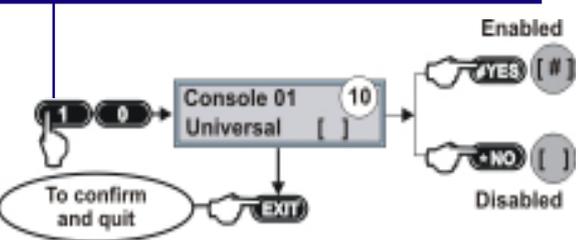

Consoles

8 - Audio always

Enabling of the console for the voice report even if the operations are executed by another console.

If the function is disabled, the console reports only those operations which are executed by itself.

Enable or disable the function.

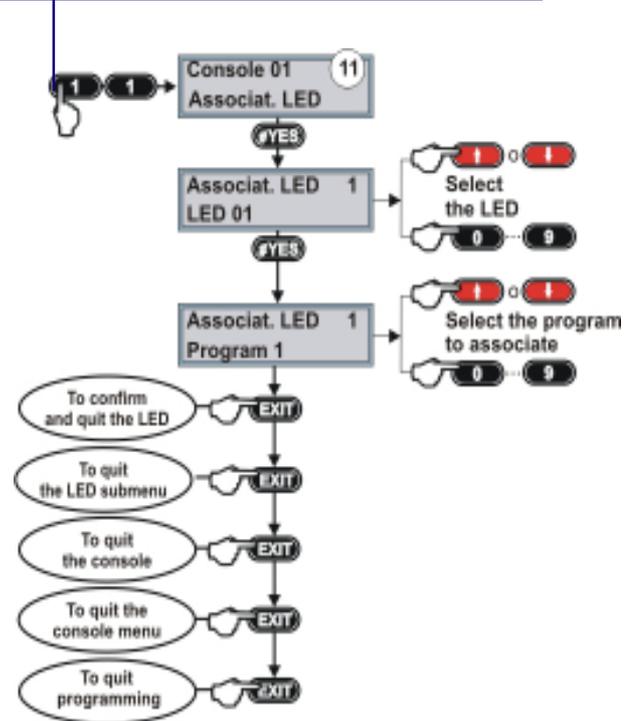To confirm and quit the submenu press EXIT.

10 - Universal

If this function is enabled, you can arm/disarm all the programs associated to the code even if they are not managed by this.

If this function is disabled, on this console you can only arm/disarm the programs which are associated to the program status LED.

Enable or disable the function.
To confirm and quit the submenu press EXIT.

11 - Association LED

Association of the program status LED to the programs.

Select the LED and press YES.

Select the program.

To confirm and quit press EXIT.

Repeat the same operations for the other LED.

To quit the LED submenu press EXIT.

To quit the console press EXIT.

To quit the console menu press EXIT.

To quit programming press EXIT.

| Menu | 16 |
| Keypoints | |

Keypoints

Keypoint menu

The keypoint menu permits the association of the program status LED aof the keypoints to the programs.
Each LED can be freely associated to any of the programs.

1-45

| Menu | 16 |
| Keypoints | |

Select the keypoint menu - Press the YES key

1 - Select the keypoint
On the display is viewed the number of the keypoint.

Select the keypoint and press YES.

| Keypoints | 1 |
| Keypoint 01 | |

Select the keypoint

0 ... 9

Access to the keypoint

2 - LED
Association of the LED to the programs.

Select the LED, press YES.

Select the program.

To confirm and quit press EXIT.

Repeat the same operations for the other LED.

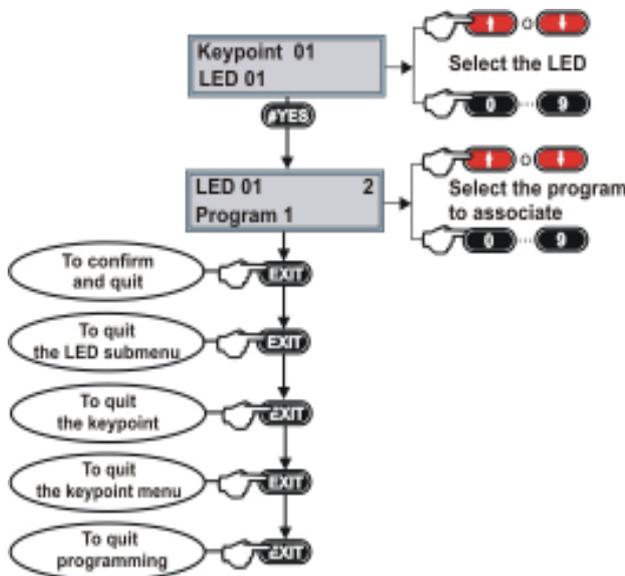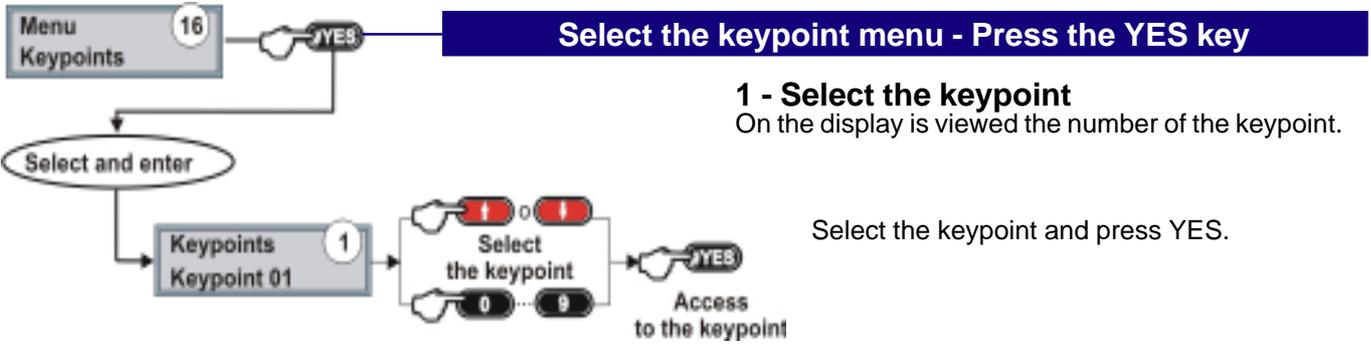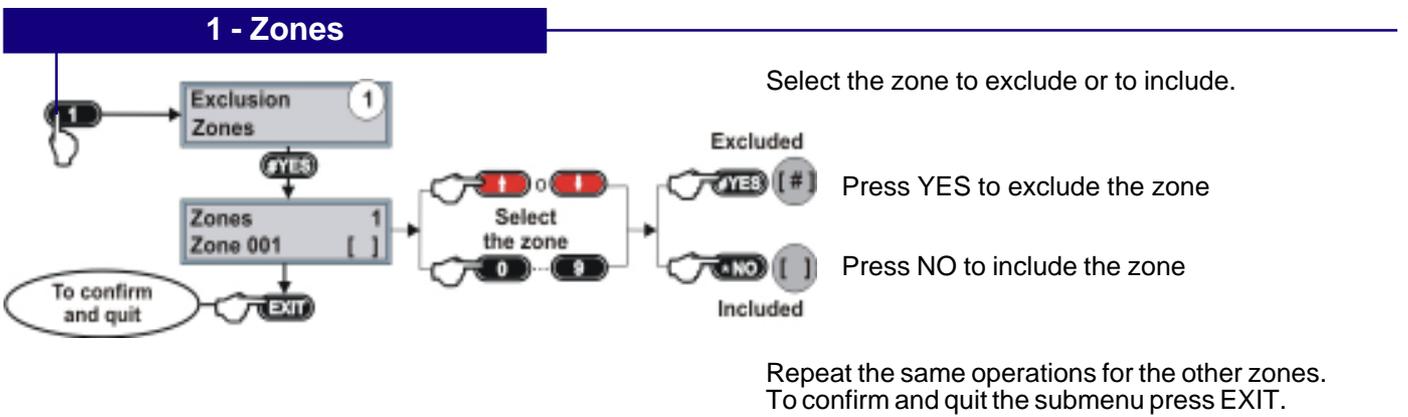To quit the LED submenu press EXIT.

To quit the keypoint press EXIT.

To quit the keypoint menu press EXIT.

To quit programming press EXIT.

| Keypoint 01 |
| LED 01 |

Select the LED

| LED 01 | 2 |
| Program 1 | |

Select the program to associate

To confirm and quit

To quit the LED submenu

To quit the keypoint

To quit the keypoint menu

To quit programming

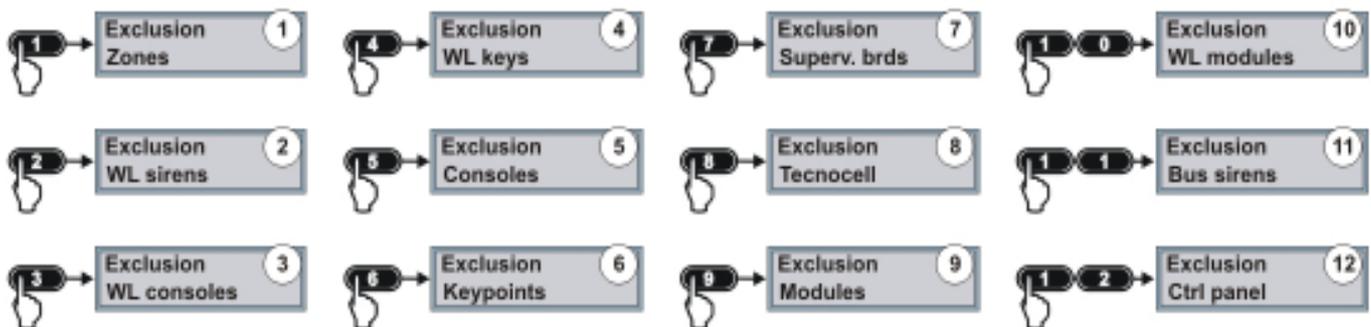| Menu Exclusion	18

Exclusion

Exclusion menu
The exclusion menu permits the exclusion and the re-enabling of the system's components.

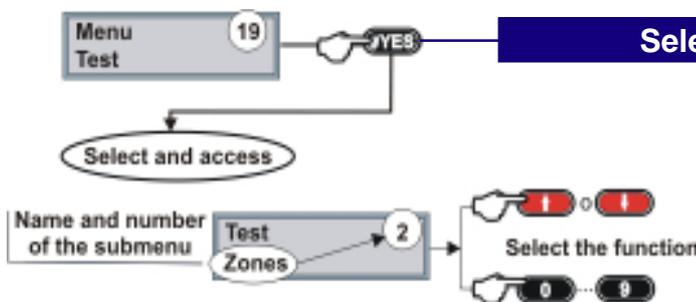| Number and name of the submenu		Function
1	Zone exclusion	Exclusion/enabling of zones
2	Wireless siren exclusion	Exclusion/enabling of wireless sirens
3	Wireless console exclusion	Exclusion/enabling of wireless consoles
4	Wireless key exclusion	Exclusion/enabling of wireless keys
5	Console exclusion	Exclusion/enabling of consoles
6	Keypoint exclusion	Exclusion/enabling of keypoints
7	Supervisory board exclusion	Exclusion/enabling of supervisory boards
8	Tecnocell exclusion	Exclusion/enabling of the external GSM communicator (Tecnocell)
9	Module exclusion	Exclusion/enabling of wireless extension modules
10	Wireless module exclusion	Exclusion/enabling of receiver-transmitter modules
11	Bus siren exclusion	Exclusion/enabling of bus sirens
12	Control panel exclusion	Exclusion/enabling of all of the system's general alarm signaling

Select the exclusion menu - Press the YES key

1 - Select the submenu
On the display are viewed the name and the number of the submenu.

Select the submenu and press YES.

1 - Zones

Select the zone to exclude or to include.

Press YES to exclude the zone

Press NO to include the zone

Repeat the same operations for the other zones.
To confirm and quit the submenu press EXIT.
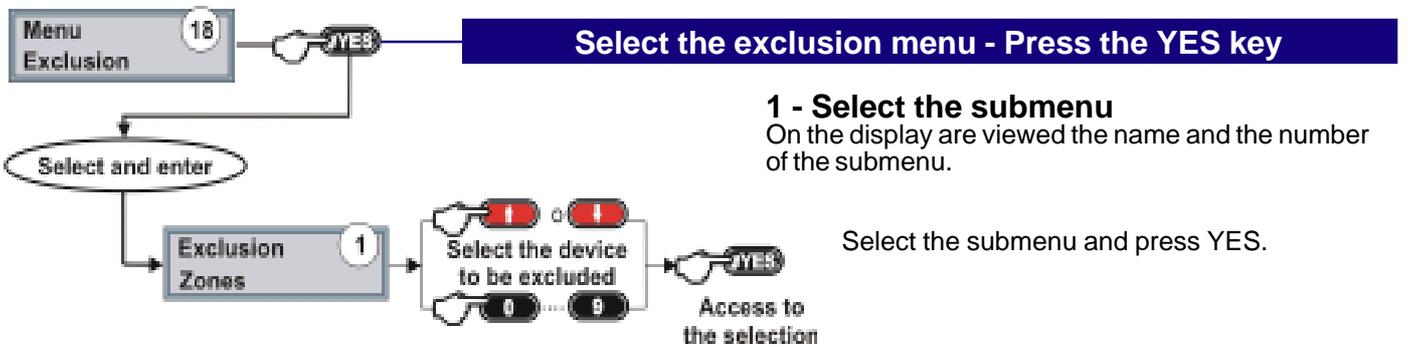
Exclusion submenus
The procedure is the same as the one illustrated in the zone submenu.

Menu	19
Test	

Test

Test menu

The test menu includes a series of diagnostic functions which permit the functioning check of the system's peripherals. It also allows to check the firmware version of the control panel .

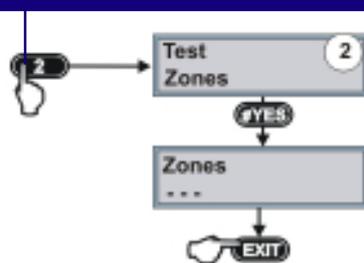|	Number and name of the submenu	Function
2	Zone test	Functioning test of the zones of the system
3	Indoor siren test	Functioning test of the indoor siren
4	Outdoor siren test	Functioning test of the outdoor siren
5	Version	Check of the firmware version of the control panel
6	Voice synthesis	Check of the version of the vocabulary for voice synthesis
7	LED test	Functioning test of the LED of the console
9	GSM test	Functioning test of the GSM module - Check of the firmware version - GSM signal power test
10	Tecnocell test	Functioning test of the external GSM communicator - Check of the firmware version - GSM signal power test

Select the test menu - Press the YES key

1 - Select the submenu

On the display are viewed the number and the name of the submenu.

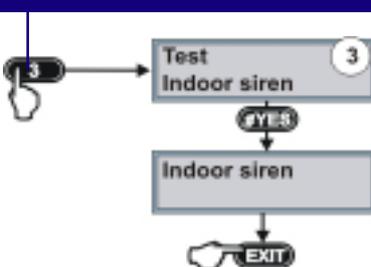Select the submenu and press YES.

2 - Zones

Functioning test of the zones.
Select the submenu, press 2 and YES.

The test verifies the correct functioning of the system's detectors. An alarm signal is released.
On the display are viewed the number or the name of the zones (detectors) which have answered to the test.

To quit the submenu press EXIT.
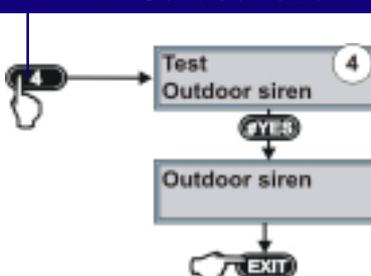
3 - Indoor siren

Functioning test of the indoor sirens.
Select the submenu, press 3 and YES.

This function verifies the correct functioning of the indoor sirens. It makes them sound until they are interrupted by pressing EXIT.

To quit the submenu press EXIT.
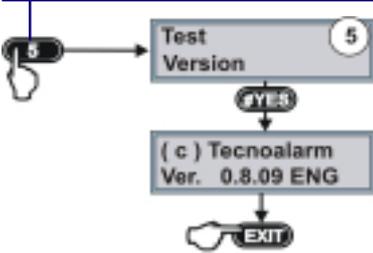
4 - Outdoor siren

Functioning test of the outdoor sirens.
Select the submenu, press 4 and YES.

This function verifies the correct functioning of the outdoor sirens. It makes them sound until they are interrupted by pressing EXIT.

To quit the submenu press EXIT.

Test

5 - Version

Test	5
Version	

YES

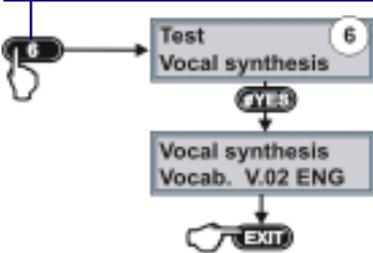| (c) Tecnoalarm |
|------------------|
| Ver. 0.8.09 ENG |

EXIT

Check of the firmware version of the control panel.
Select the submenu, press 5 and YES.

On the display are viewed the language and the firmware version of the control panel.

To quit the submenu press EXIT.

6 - Voice synthesis

Test	6
Vocal synthesis	

YES

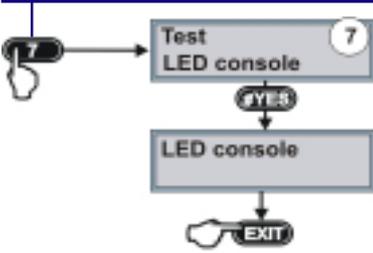| Vocal synthesis |
|-----------------|
| Vocab. V.02 ENG |

EXIT

Check of the version of the vocabulary for voice synthesis.
Select the submenu, press 6 and YES.

On the display are viewed the language and the firmware version.

To quit the submenu press EXIT.

7 - LED console

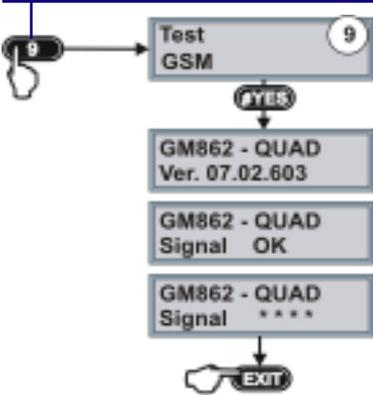| Test	7
LED console	

YES

LED console

EXIT

Functioning test of LED of the console.
Select the submenu, press 7 and YES.

All the LED of the console are lit.
The LED remain lit until the test is interrupted by pressing EXIT.

To quit the submenu press EXIT.

9 - GSM

Test	9
GSM	

YES

GM862 - QUAD
Ver. 07.02.603

GM862 - QUAD
Signal   OK

GM862 - QUAD
Signal   * * * *

EXIT

Functioning test of the GSM module: firmware version, functioning and signal power.
Select the submenu, press 9 and YES.
On the display are viewed in sequence all three items.
The informations are viewed until the test is interrupted by pressing EXIT.

To quit the submenu press EXIT.

10 - Tecnocell

Test	10
Tecnocell	

YES

TECNOCELL PRO
Ver. 2.0

TECNOCELL PRO
Device   OK

TECNOCELL PRO
Signal   * * * *

EXIT
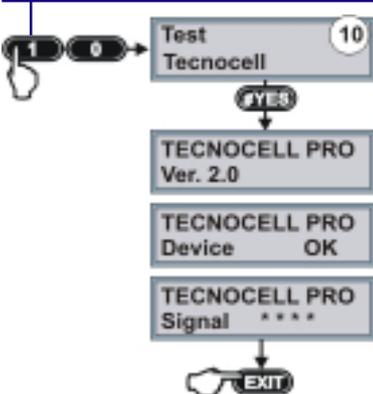
Functioning test of the GSM comunicator: firmware version, functioning and signal power.
Select the submenu, press 10 and YES.

On the display are viewed in sequence all three items.
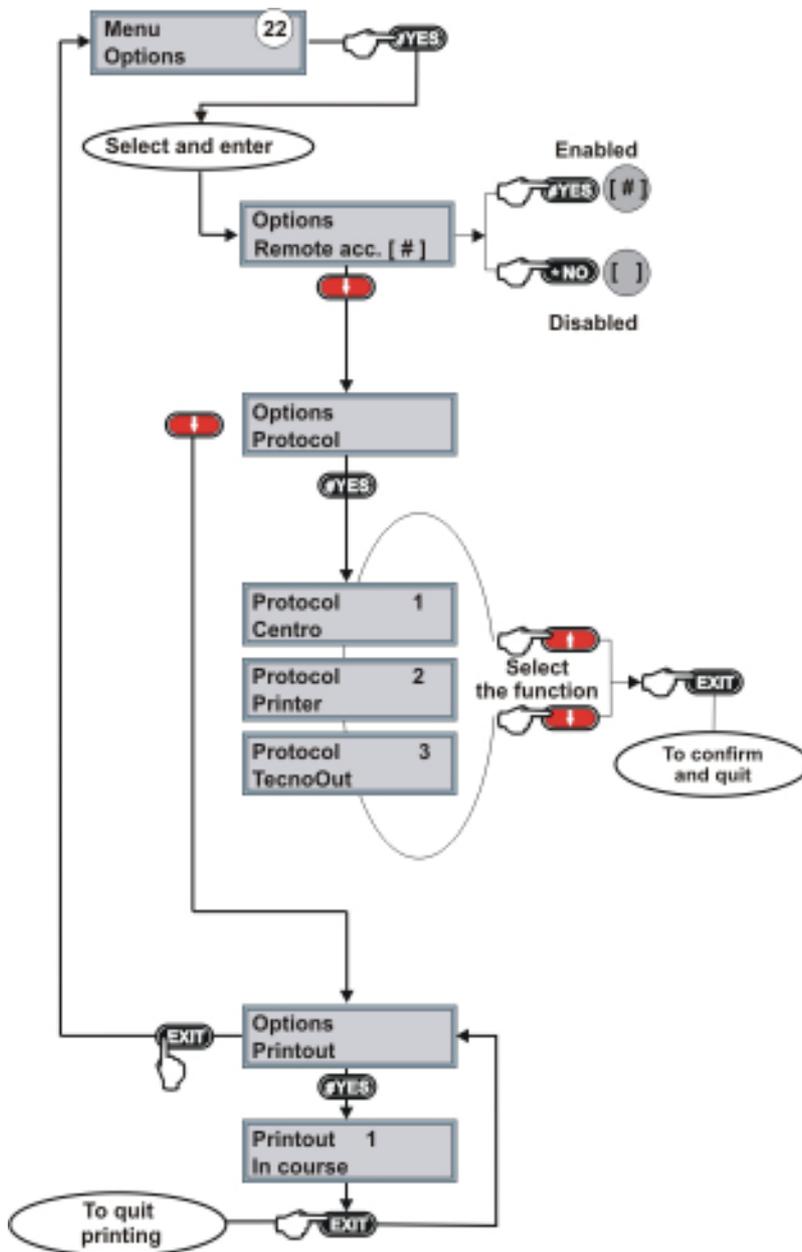The informations are viewed until the test is interrupted by pressing EXIT.

To quit the submenu press EXIT.

To quit the test menu press EXIT.

To quit the programming press EXIT.

| Menu	22	Options
Options		

Option menu

The option menu...

Control by telephone

Control by telephone
Calling the system by telephone, it is possible to control the system status, check the alarms, arm/disarm the programs and the remote controls, check the RDV zones, etc.

Key for function activation		Function
1	System status	System status check
2	Programs	Check and arming/disarming of programs
3	Remote controls	Check and activation/deactivation of remote controls
4	RDV	Check of RDV zones (only if the zone is protected by an RDV detector)
5	Opening message	Listening and recording of the opening message
#	Close communication	Close communication

Example of control by telephone
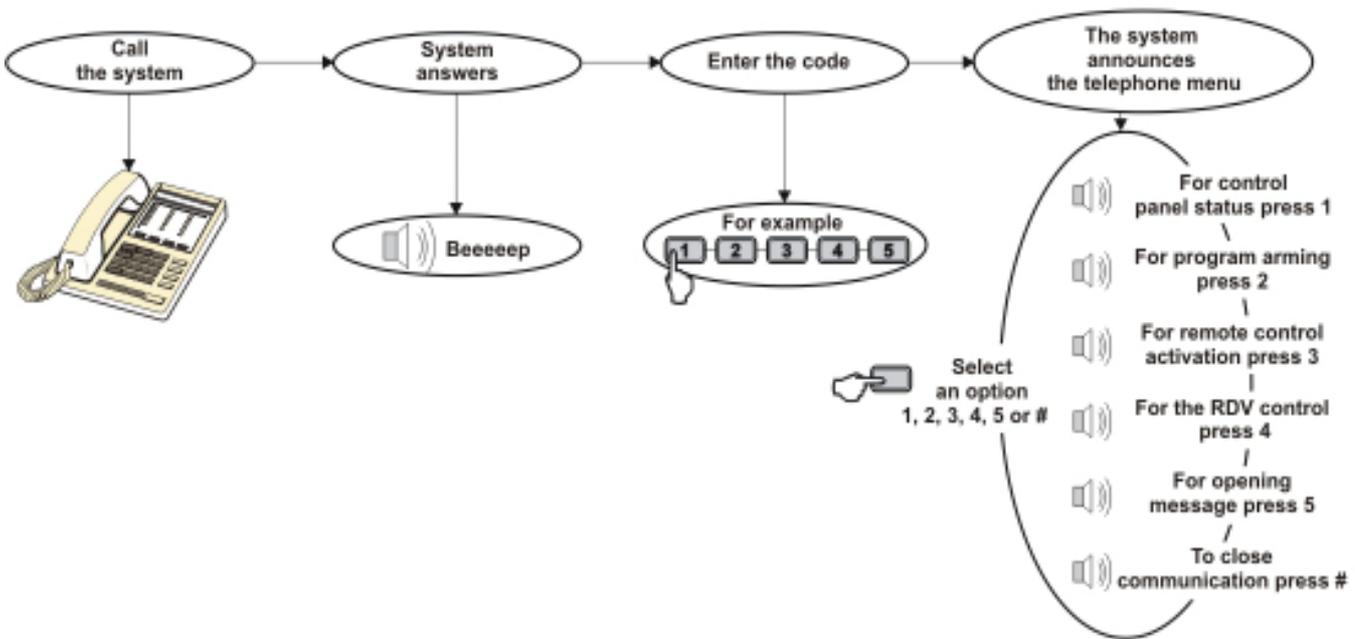
System status check
After entering the access code, select the menu 1.
The system announces system OK or lists the stored alarms.
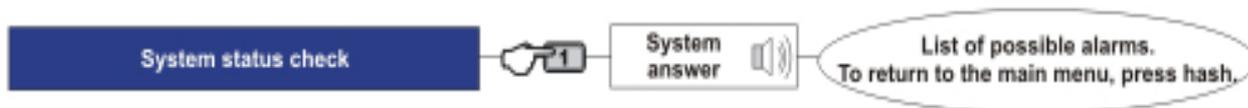
Program status check

After entering the access code, select the menu 2.
The menu offers two possibilities: status check and arming/disarming.
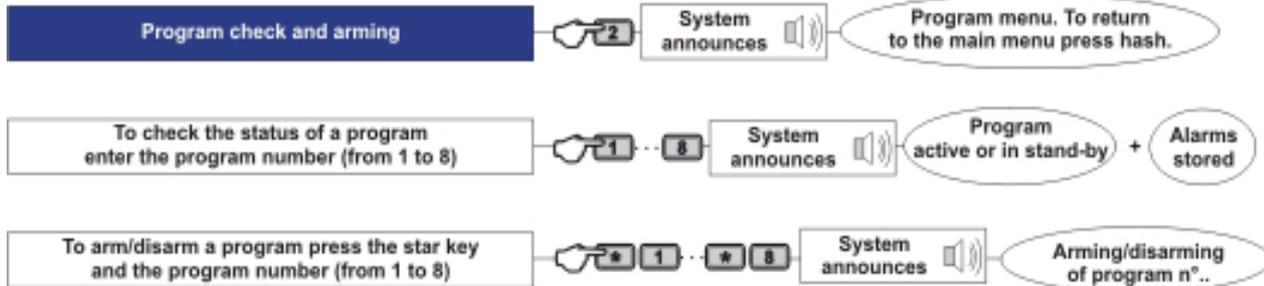**Status check -** If you want to know the program status, enter the program number and wait for the system to announce the program status (armed/disarmed) and the list of possible alarms.
Arming/disarming - If you want to arm/disarm a program, press the star key followed by the program number. Wait for the system to announce "arming/disarming of program number..."

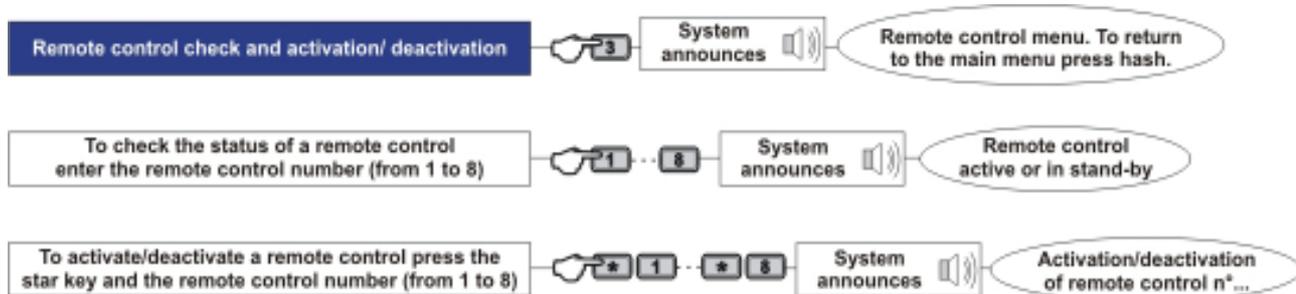| Program check and arming	2	System announces	Program menu. To return to the main menu press hash.
To check the status of a program enter the program number (from 1 to 8)	1 .. 8	System announces	Program active or in stand-by + Alarms stored
To arm/disarm a program press the star key and the program number (from 1 to 8)	*1 .. *8	System announces	Arming/disarming of program n°..

Activation/deactivation of remote control

After entering the access code, select the menu 3.
The menu offers two possibilities: status check and activatio/deactivation.
Status check - If you want to know the remote control status, enter the remote control number and wait for the system to announce the status.
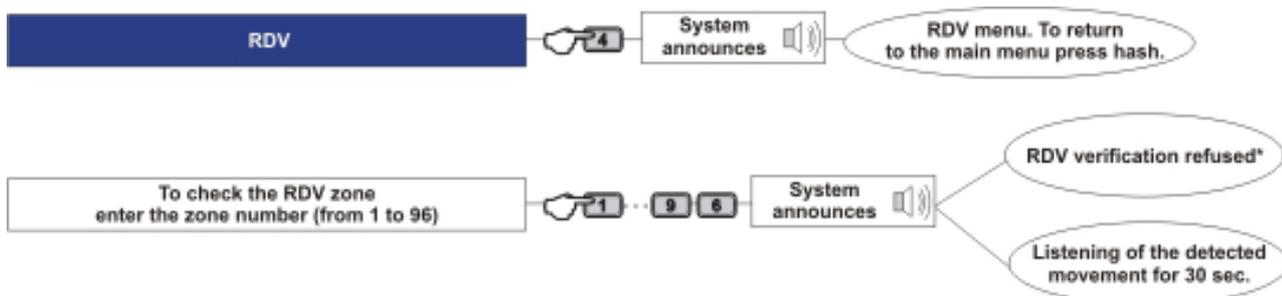**Activation/deactivation -** If you want to activate/deactivate a remote control, press the star key followed by the number of the remote control. Wait for the system to announce "activation/deactivation of remote control number..."

Remote control check and activation/ deactivation	3	System announces	Remote control menu. To return to the main menu press hash.
To check the status of a remote control enter the remote control number (from 1 to 8)	1 .. 8	System announces	Remote control active or in stand-by
To activate/deactivate a remote control press the star key and the remote control number (from 1 to 8)	*1 .. *8	System announces	Activation/deactivation of remote control n°...

RDV (remote digital verification)

After entering the access code, select the menu 4. Enter the number of the RDV zone you wish to check. If you select a zone which is not protected by an RDV detector, the system announces "RDV verification refused".
If you select a zone which is protected by an RDV detector, the system transmits the detected movement for 30 seconds.

RDV	4	System announces	RDV menu. To return to the main menu press hash.
To check the RDV zone enter the zone number (from 1 to 96)	1 .. 9 6	System announces	RDV verification refused* / Listening of the detected movement for 30 sec.

* If the selected zone is not protected by an RDV detector, the system announces "RDV verification refused"
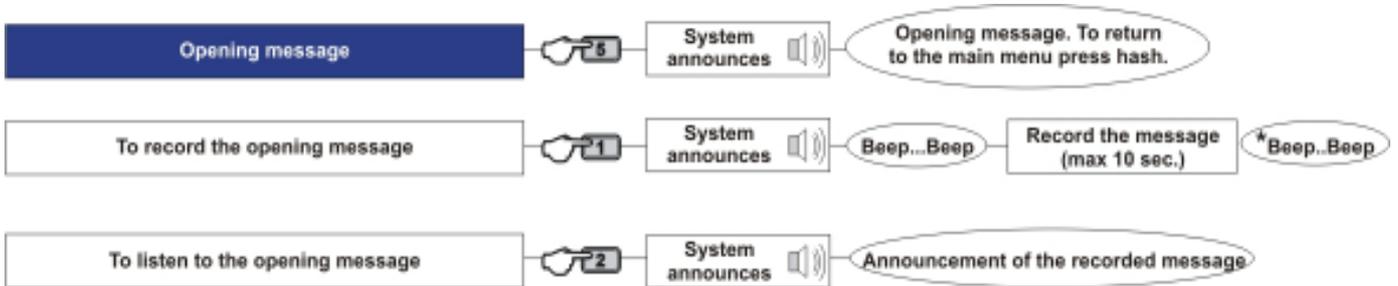
Opening message
After entering the access code, select the menu 5.
The menu offers two possibilities: recording and listening of the opening message.
Recording - To record the opening message press 1. 2 beeps signal recording; maximum recording time is 10 seconds.
The expiry of the recording time is signaled by 2 other beeps.
Listening - To listen to the recorded message press 2. The opening message is then reproduced by the system.

Opening message	5	System announces	Opening message. To return to the main menu press hash.
To record the opening message	1	System announces	Beep...Beep → Record the message (max 10 sec.) → *Beep..Beep
To listen to the opening message	2	System announces	Announcement of the recorded message

* indication of the expiry of the available recording time

TP8-96 VIDEO
USER MANUAL