















## L) PHONE BOOK

<b>Menu options</b>  	<b>MEMORY</b>	programming of names and phone numbers, following the indications on the display
	<b>SEARCH NAME</b>	search of name, in order to check/modify names and numbers
	<b>SEARCH POSITION</b>	search of position (1,2,3...), in order to check/modify names and numbers

Once recorded the various messages, it is possible to decide to which phone numbers they should be sent: in case of alarm message, it will be sent to the end user parents, or possible caretakers or still to the police. In case of technical alarm (ex. low battery), it will be sent to the installer and to the user responsible of the system; if it is a message for medical assistance, it will be sent to the doctor and/or to whom can help in this case. Taking into account that there are 63 phone number positions, there will be no restrictions for the message sending.


The programming begins with position 01 and it is possible to store up to 63 positions, i.e. up to 63 names and numbers, each of them with maximum 16 digits; go on as follows:


MEMORY: confirm with  - ADD NAME (write the name): confirm with  - ADD NUMBER (enter the number): confirm with  - you see NAME – NUMBER 01: confirm with  - you see SAVED: confirm with  to go to VOCAL MESSAGES: combine the phone number just stored to the requested vocal messages (from 1 to 6, by entering the relevant number – in case of mistake in choosing the vocal message, enter the number again and combination will be cancelled). Once the suitable combinations have been made, confirm with  : you see MEMORY – CONFIRM: press  and go on with following phone number.



**If the control panel is provided with GSM module:** after the combinations between phone numbers and messages, you see SMS; go on with combinations between phone numbers and SMS as previously done for the vocal messages. After confirmation with  you see TECHNICAL SMS : make combinations again and then confirm with ; you see now DIRECT ACCESS N (see paragraph H 2.3; to change “N” with “Y” or viceversa, press  and confirm your choice with  - Press again  to go to the 2<sup>nd</sup> position and so on. After these operations all numbers and combinations are saved: for possible changes it is necessary to enter the menu option “SEARCH NAME” or “SEARCH POSITION”.


### 1. NOTE:

**Combination numbers/messages:** warning ! Without combinations between numbers and messages, the control panel is not able to send any message !

**Phone line with noises:** in this case it is necessary to put  (equivalent of \*) before every number stored.

**Pauses:** if you want to place a pause between dialling code and phone number, put  in between.

**Warning:** if you escape the programming pressing  before the last , the programming is not saved !













**Control panels with GSM module – SIM card remaining credit:** save the phone number of the remaining credit information service in position 64. By pressing  for some seconds while the control panel is disarmed, the call to the information service starts automatically and informs the end user about the remaining credit with a vocal confirmation.

## M) EXTRAS: programming of remote controls, keypads, detectors and relevant functioning options




**Menu options**  : Remote controls – Keypads codes – alarm groups A B C – 24h panic – 24h robbery – 24h technological – wired inputs

### 1. REMOTE CONTROLS ( see also paragraph D.)

You can program and use up to 32 remote controls part.no. 5023P (PCK4P) and 5423P (PCK4P DualBand - recommended); every remote control can arm/disarm the control panel totally or partially: thanks to this programming versatility, the system can be used in a differentiated way, with possibility of handling each group in an independent way. Programming procedure:

REMOTE CONTROLS: confirm with  - REMOTE CONTROL 01: confirm with  - REM.CONTROL 01 ON A B C OFF A B C (select the requested functioning of that remote control by pressing       - see note a) and then confirm with  - you see MEM.REM.CTRL 01 RED+GREEN KEY: press together the red and green keys on the remote control which should be programmed: you hear a BEP (see note b) and you see on the display REM.CONTROL 01 ON A B C OFF A B C SAVED (see note a) – by confirming with  you see LABEL 01 (write the name of the person to which the remote control will be given) and confirm with . You see on the display REMOTE CONTROL 02 CONFIRM, so go on in the same way for programming the second remote control and so on. At the end press  to escape the menu.










**Note a:** every remote control can be personalized so that it can arm (red key) / disarm (green key) the system totally or only partially (white key): while programming it, press repeatedly the numbers from 1 to 6 to obtain the combinations of arming/disarming shown on the display, for example:

- if you want that a remote control can arm groups A+B, but not C, press the number 3: you see ON A B -- : confirm with .
- if you want that a remote control can disarm only group C, press numbers 4 and 5: you see OFF -- -- C: confirm with .
- if you want that a remote control can arm/disarm all the groups, confirm directly with .

**White key:** if you program a control panel with no possibility of arming A or B or neither A nor B, the white button (partial arming A+B) will not work or work just partially.

**Note b:** if while programming a remote control the control panel confirms with 3 BEP, it means that that remote control has been already programmed. The same happens with keypad codes and detectors.

### 2. How to cancel remote controls: this operation can be done by the end user as well, as follows:

enter USER code and confirm with  - go to EXTRAS menu with   and confirm with  - you see REMOTE CONTROL 0X: with   go to the remote control to be cancelled (01, 02, 03 etc.) and confirm with  - you see the functions programmed for that remote control (ex. ON A B C OFF A B C) – by pressing  you see CANCEL? , therefore confirm with .

**3. How to add further remote controls:** this operation can be carried out by the end user as well, by following the programming steps as described above (paragraph 1)

**4. KEYPAD CODES (see also paragraph D) :** through one or more keypads it is possible to program and use up to 32 keypad codes for arming/disarming the control panel totally or partially. Go to CODES and proceed in the same way as for remote controls, but enter a 4-digit (5028 Keypad) or 5-digit (5429 Keypad transceiver) numerical code before pressing at the same time the red and green buttons for the programming. Different codes can be programmed with the same keypad, even if they will be used on different keypads. At the end press **ESC** for escape and change the menu. To cancel or add further codes, go on in the same way as for remote controls. To obtain the PANIC functions and the TAMPER protection, the keypads must be programmed on the PANIC group as if it were a detector (see paragraph P and the keypad specific instructions).

#### 5. INTRUSION DETECTORS - A B C ALARM GROUPS

It is possible to program up to 99 detectors divided at pleasure on the 3 groups A B C, in order to obtain the required arming / disarming / alarm conditions (see paragraph F). In the systems with anti-robbery outdoor protection, we suggest to use the A group for outdoor detectors, the B group for perimeter detectors (doors and windows) and the C group for indoor detectors: as the remote controls 5023P and 5423P allow the partial arming of the system (A+B groups), it is easy for the end user to deactivate the perimeter and indoor protection at night, while the outdoor detectors remain active with a pre-alarm low-intensity function.

#### 6. Particular functions

- **entry delay and "AND" programming:** for every detector it is possible to program an entry delay (ENTRY DELAY Y = yes) or the functioning in "AND" with another detector (AND Y = yes): in this way the general alarm will start only when both detectors programmed in AND detect an alarm within 30 seconds (fixed time), thus limiting the possibility of false alarms in delicate situations, especially outside where false alarms are most likely to happen because of the presence of animals and various atmospheric phenomena.

- **outdoor alarm:** see paragraphs B2 and F2.2

#### 7. ALARM GROUP PROGRAMMING (A, B etc.)

EXTRAS menu – with **↑** **↓** go to ALARM GROUP A - confirm with **↵** - OUTDOOR ALARM N (use **↑** **↓** to change it in Y = yes if required) - confirm with **↵** - PERIP.UNIT A 01 (first detector) - confirm with **↵** - PERIP.UNIT A 01 ENTRY DELAY N - AND N - press 1, then **↵** to enter an entry delay from 1 to 99 seconds, as required, then confirm with **↵** - press 2, then **↵** to program two detectors with AND function (in this case you will "INSERT BATTERY" twice). When the display shows INSERT BATTERY, put the battery inside the detector: you hear a BEP for confirmation (see note 2) and you see the programming just carried out (ex. SENSOR O.D. A01 ENTRY DELAY N AND N, it means door/window contact, with open door signalling – O.D. – without entry delay and without AND function with another detector); if everything is correct, confirm with **↵**, otherwise press **CANC** then **↵** to cancel and do the programming again. If you confirm, you see LABEL A 01 (write the name for that detector – max 9 letters – in order that it can be easily identified, for ex. BED WIN for bedroom window). At the end press **ESC** to escape.

**8. Programming of other groups:** when the display shows ALARM GROUP A, with **↑** **↓** you go to the other groups and go on as described above. On the PANIC (immediate general alarm) and ROBBERY (transmission of phone message only) groups, you normally program remote controls for manual operation: for example the yellow key on the remote control can be programmed for this function or you use the emergency remote control, with one single red key. To program remote controls for this function, press the relevant key for 10 seconds.

**9. Mistakes / Cancellations:** if you want to modify the function of a detector (ex. change alarm group or set an entry delay), it is necessary to find it with **↑** **↓** and go on until the display shows the current settings: for ex. SENSOR O.D. A 01 ENTRY DELAY N AND N. By pressing **CANC** and confirming with **↵**, you cancel it. Now it is necessary to program it again in the requested group and/or with the requested functions. To change only the entry delay, you just have to write the seconds again by using the number keys.

#### N) menù IMPOSTAZIONI

**Programmazione delle funzioni particolari delle centrali. Utilizzando opportunamente i tasti e verificando sul display si definiscono le opzioni di funzionamento degli apparecchi nel contesto del sistema: ovviamente eventuali funzioni relative alle chiamate telefoniche e GSM sono utilizzabili soltanto nei modelli dotati di modulo GSM.**

Opzioni del menù **↑** **↓** :

1 ESCL. SENSORI	2 COMANDI RADIO	3 GSM / LINEA TEL.	4 MSG PERIODICO
5 SCADENZA SIM	6 OROLOGIO DATA	7 CENTRALINO	8 CODICE INSTALL.
9 ANTISCANNER	10 SUPERVISIONE	11 TEMPO DI USCITA	12 ORALEG. AUTO
13 VERSIONE FW.	14 CANCELLAZIONE (totale)		

#### N) SETTINGS

**Programming of particular functions of the control panels. By pressing the right buttons and check on the display you can determine the functioning options of the devices being part of the system; of course the operations related to the phone calls on GSM network can be only used with the models provided with GSM module.**

Menu options **↑** **↓** :

1. DETECTOR EXCLUSION	2. RADIO OUTPUTS	3. GSM-PSTN LINE	4. PERIODICAL SMS
5. SIM EXPIRY DATE	6. TIME/DATE	7. PHONE EXCHANGE	8. INSTALLER CODE
9. ANTISCANNER	10. SUPERVISION	11. EXIT TIME	12. AUTOM. LEGAL TIME
13. FIRMWARE VERSION	14. ERASING (TOTAL)		

**1. Sensors/detectors exclusion** - this operation can be carried out by the end user as well: enter the menu EXCLSENSORS - confirm with **↵** - search the detector with **↑** **↓** - change "INCLUDE" (activated) into "EXCLUDE" (deactivated) by pressing **↵**. Press **ESC** to escape. The excluded detectors do not start any alarm.

**2. Radio outputs:** the control panels can transmit up to 16 radio signals for activating/deactivating Silentron RX1 and RX2 receivers, allowing many possibilities of local home automation operations. These signals RADIO OUTPUT 1 (2,3,4 etc – choose with **↑** **↓**) are transmitted via telephone (remote) and can be programmed as impulsive or bistable ON-OFF (ex. remote controls).

After that, one or more receivers must be prepared to be programmed (see specific instructions): by pressing **↵** you start a digital transmission from the control panel to the receiver.