# Alarm Control Panel

# CA-6

Firmware Version 5.05

# PROGRAMMING LIST

**Satel**

GDAŃSK

CE

ALARM SYSTEM .............................................................................................................

USER ...........................................................................................................................

ADDRESS.....................................................................................................................

TELEPHONE NUMBER ..................................................................................................

REMARKS ...................................................................................................................

....................................................................................................................................

....................................................................................................................................

| Latest EC declaration of conformity and product approval certificates can be downloaded from website **www.satel.pl** | CE |

**FS1 - SERVICE CODE** |__|__|__|__|__|__|#                                    *default |12345|*

**FS2 - CONTROL PANEL PASSWORD (IDENTIFIER)** |__|__|#|__|__|#|__|__|#                              *default |3175B9|*

**FS3 - COMPUTER PASSWORD (IDENTIFIER)** |__|__|#|__|__|#|__|__|#                              *default |658709|*

**FS4 - COMPUTER TEL NUMBER** |__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#

*default: |AAAAAAAAAAAAAAAA|*

*Max.16 characters from 0 to F, A=end of the number, B=pulse dial, C=tone dial, D=wait for the dial tone, E=short pause (3s), F=long pause (10s.)*

**Note:** *Do not program the special characters from B to F before the telephone number – they enter changes during dialing the number (the basic mode of dialing the number and the dial tone test before dialing the number is to be enabled in FS5 function).*

## FS5 - SYSTEM OPTION

| | FIRST SET OF OPTIONS<br>(the lower B diode is blinking) | | SECOND SET OF OPTIONS<br>(the lower A diode is blinking) | | THIRD SET OF OPTIONS<br>(the A and B diodes are blinking) |
|---|---|---|---|---|---|
| 1 | Voice/pager messaging | 1 | external DOWNLOADING enabled | 1 | *not used* |
| 2 | Monitoring | 2 | TONE dialing<br>(off – PULSE dialing) | 2 | No downloading if armed |
| 3 | Tel. answering | 3 | Double voice message | 3 | alarm if zone violated at exit delay time |
| 4 | Reporting suspended until a new event occurs<br>(off– reporting suspended for 30 min.) | 4 | GROUND START | 4 | *not used* |
| 5 | *not used* | 5 | No dial tone test before dialing the number | 5 | |
| 6 | | 6 | No tel. answer test | 6 | |
| 7 | | 7 | Serial transmission on output 4, 5 **<br>(for NOKTON radio messaging) | 7 | OUT 4, 5 - Format UA          ** |
| 8 | | 8 | Double call | 8 | *not used* |
| | *Confirm by pressing #* | | *Confirm by pressing #* | | *Confirm by pressing #* |

*\* Monitoring is suspended in case of problems in communication with the monitoring station (after 16 failed connection attempts).*

*\*\* Option 7 in third set is only relevant if option 7 in second set is on. When UA transmission is disabled (LED 7 is off), outputs 4 and 5 work in NOKTON (PC16OUT) format.*

**FS6 - GLOBAL TIMES**       |__|__|#   |__|__|#   |__|__|#         *default |30|60|60| s.*
*(program from 00 up to 99s.)*    entry delay   exit delay   alarm time

**FS7 - COUNTING ZONE COUNTERS**   |__|__|#   |__|__|#   |__|__|#     *default |00|00|00|*
*(program from 00 up to 07)*   Counter    1          2         3


**FS8, 9 – PARTITION ZONES**

**FS16, 17 - AUTO BYPASSED ZONES (ON SILENT AND PARTIAL ARMING)**

**FS127, 128 - ZONES BYPASSED ON NO EXIT**

| | PARTITION ZONES | | AUTO BYPASSED ZONES | | ZONES BYPASSED ON NO EXIT | |
|---|---|---|---|---|---|---|
| | **FS 8**<br>A PARTITION | **FS 9**<br>B PARTITION | **FS 16**<br>A PARTITION | **FS 17**<br>B PARTITION | **FS 127**<br>A PARTITION | **FS 128**<br>B PARTITION |
| **ZONE 1** | 1   ✗ | 1 | 1 | 1 | 1 | 1 |
| **ZONE 2** | 2   ✗ | 2 | 2 | 2 | 2 | 2 |
| **ZONE 3** | 3   ✗ | 3 | 3 | 3 | 3 | 3 |
| **ZONE 4** | 4   ✗ | 4 | 4 | 4 | 4 | 4 |
| **ZONE 5** | 5   ✗ | 5 | 5 | 5 | 5 | 5 |
| **ZONE 6** | 6   ✗ | 6 | 6 | 6 | 6 | 6 |
| **ZONE 7** | 7   ✗ | 7 | 7 | 7 | 7 | 7 |
| **ZONE 8** | 8   ✗ | 8 | 8 | 8 | 8 | 8 |

*Confirm by pressing  #*                                                   *✗ - default settings*

## FS20 - KEYPAD AND PARTITION OPTIONS

| **FIRST SET** (the lower B diode is blinking) | | **SECOND SET** (the lower A diode is blinking) | |
|---|---|---|---|
| **1** | No quick arming, partition A | **1** | Alarm until cancelled (if the option 2 of this set is off) |
| **2** | No quick arming, partition B | **2** | Alarm during alarm time |
| **3** | No quick arming, partition A and B | **3** | Sign. Day/Night zones violation |
| **4** | *not used* | **4** | CHIME signalling |
| **5** | No wrong codes count | **5** | Trouble signalling |
| **6** | Disable PANIC alarm from keypad | **6** | Exit signalling |
| **7** | Disable AUX. alarm from keypad | **7** | Entry signalling |
| **8** | Disable FIRE alarm from keypad | **8** | Key press sounds |

*Confirm by pressing  #*                              *Confirm by pressing  #*

## FS24 - ZONE SENSITIVITY *(program from 1 up to 255)*

| Zone | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| **Value** | | | | | | | | |
| *default [x16ms]* | *30* | *30* | *30* | *30* | *30* | *30* | *30* | *30* |

**Note:** *the LEDs 1–8 do not display the new parameter value*
*Default setting for all of the zones = 30*
*(30\*16 ms = 480 ms.).*
*Program from 1 up to 255, each digit confirm with [#] key.*

## FS25 - ZONE TYPE *(program from 00 up to 05)*

| Zone | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| **Value** | | | | | | | | |
| *default* | 0 3 | 0 3 | 0 3 | 0 3 | 0 3 | 0 3 | 0 3 | 0 3 |

| | | | |
|---|---|---|---|
| 00 | no detector | 03 | EOL |
| 01 | NC | 04 | 2EOL/NC |
| 02 | NO | 05 | 2EOL/NO |

## FS26 - ZONE FUNCTION *(program from 00 up 20)*

| 00 - EXIT/ENTRY | 03 - INSTANT | 06 - COUNTING C2 | 13 - SILENT ARMING |
|---|---|---|---|
| 01 - DELAYED | 04 - DAY/NIGHT | 07 - COUNTING C3 | 14 - DISARMING |
| 02 - INTERIOR DELAYED | 05 - COUNTING C1 | 08 - 24H AUDIBLE | 15 - NO ALARM ACTION |

| Zone | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| **Value** | | | | | | | | |
| *default* | 0 0 | 0 3 | 0 3 | 0 3 | 0 3 | 0 3 | 0 3 | 0 3 |

- 09 - 24H AUXILIARY — 16 - ARM/DISARM
- 10 - 24H SILENT — 17 - DELAYED WITH SIGNALLING
- 11 - 24H FIRE — 18 - ARMING WITH BYPASS
- 12 - ARMING — 19 - PERIMETER

## FS27 - ZONE OPTIONS

| Option | Zones | zone number is displayed on AB, AB LEDs | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| **1** | Arming impossible, if the zone with activated option is violated (PRIORITY) | x | x | x | x | x | x | x | x |
| **2** | CHIME signalling in keypad | | | | | | | | |
| **3** | Bypassed after 1 alarm (AUTORESET 1) | | | | | | | | |
| **4** | Bypassed after 3 alarm (AUTORESET 3) | | | | | | | | |
| **5** | No information on the zone violation during the entry delay reported to the monitoring station (ABORT DELAY) | | | | | | | | |
| **6** | The zone will be bypassed for 120 sec. after power is switched on (POWER UP DELAY) | | | | | | | | |
| **7** | Restore after bell | | | | | | | | |
| **8** | Restore after disarm | | | | | | | | |

*Activation of the options is carried out individually for each zone and consists in lighting up the corresponding LEDs. Settings for each zone must be confirmed with [#] key.*

*By default all option are off (except PRIORITY).*

## FS28 - INDIVIDUAL ENTRY DELAY *(program from 00 up 99 sec.)*

| Zone | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| **Entry delay** | | | | | | | | |

**Note:** *Confirm with [#] key.*
*By default all entry delay times = 0.*

## FS31, 33, 35, 37, 39 - OUTPUTS

| | FS31 OUT 1 | FS33 OUT 2 | FS35 OUT 3 | FS37 OUT 4 | FS39 OUT 5 | | |
|---|---|---|---|---|---|---|---|
| **OUTPUT FUNCTION** | | | | | | 00 | not used |
| _Confirm by pressing #_    _by default:_ | _0 1_ | _0 1_ | _2 7_ | _2 2_ | _2 1_ | 01 | BURGLARY |
| **OUTPUT OPERATION TIME** | | | | | | 02 | FIRE/BURGLARY |
| | | | | | | 03 | FIRE ALARM |
| _Confirm by pressing #_    _by default:_ | _0 0_ | _0 0_ | _0 0_ | _0 0_ | _0 0_ | 04 | ALARM (from keypad) |
| **Output assigned to partition 1**   **1** | | | | | | 05 | FIRE (from keypad) |
| | | | | | | 06 | PANIC (from keypad) |
| **Output assigned to partition 2**   **2** | | | | | | 07 | MEDICAL ALARM (AUX) (from keypad) |
| _not used_   **3** | | | | | | 08 | TAMPERING (KEYPAD/MODULE) |
| | | | | | | 09 | DAY ALARM |
| _not used_   **4** | | | | | | 10 | DURESS ALARM |
| | | | | | | 11 | CHIME |
| **Pulse signal**   **5** | | | | | | 12 | MONO SWITCH ([CODE][*][7]) |
| | | | | | | 13 | BI SWITCH ([CODE][*][8]) |
| **Operation time in minutes**   **6** | | | | | | 14 | ARMED STATUS |
| | | | | | | 15 | SILENT ARMING STATUS |
| **LATCH** type output – signaling until cleared   **7** | | _x_ | | | | 16 | EXIT DELAY STATUS |
| | | | | | | 17 | ENTRY DELAY STATUS |
| | | | | | | 18 | TELEPHONE LINE IN USE STATUS |
| | | | | | | 19 | GROUND START |
| | | | | | | 20 | MONITORING ACKNOLEGMENT |
| **Polarity +12V**   **8** | _x_ | _x_ | _x_ | _x_ | _x_ | 21 | BYPASS STATUS |
| _Confirm by pressing #_     _x - by default_ | | | | | | 22 | READY STATUS |
| | | | | | | 23 | ZONE VIOLATION |

_OPTIONS — lighting of the LED indicates that the option is ON_

| | | | |
|---|---|---|---|
| 24 | TELEPHONE LINE TROUBLE STATUS | 33 | ARM/DISARM beep |
| 25 | AC POWER LOSS | 34 | ALARM IN KEYPAD |
| 26 | BATTERY TROUBLE | 35 | POWER SUPPLY ON ARMED |
| 27 | POWER SUPPLY | 36/37 | SIGNALLING: LED/RELAY |
| 28 | FIRE DETECTORS POWER SUPPLY | 38 | _not used_ |
| 29 | RESETABLE POWER SUPPLY | 39 | NO GAURD ROUND |
| 30 | TIMER | 40 | SERVICE MODE STATUS |
| 31 | AUDIBLE ARMING STATUS | 41 | BATTERY LOW STATUS |
| 32 | FULL ARMED STATUS | | |

**FS32, 34, 36, 38, 40 - LIST OF ZONES - TRAGGERING OUTPUTS**

| | LED | FS32 OUT1 | FS34 OUT2 | FS36 OUT3 | FS38 OUT4 | FS40 OUT5 |
|---|---|---|---|---|---|---|
| | | **Lists of zones** | | | | |
| ZONE 1 | 1 | | | | | |
| ZONE 2 | 2 | | | | | |
| ZONE 3 | 3 | | | | | |
| ZONE 4 | 4 | | | | | |
| ZONE 5 | 5 | | | | | |
| ZONE 6 | 6 | | | | | |
| ZONE 7 | 7 | | | | | |
| ZONE 8 | 8 | | | | | |

*Confirm by pressing #*

*Note:*

*The list of zones can be empty (default setting). Then the output will respond to violation of any zone with a corresponding to the output type function (for example an output, which signals burglary alarms will not respond to a violation of a 24H FIRE zone).*

*Similarly, it is not necessary to enter a partition number in output options. In this case the output will be responding to all zones, independent of their partition assignments.*

*If zones and partitions are selected, than the output will be responding only to the selected zones and clearing the alarm will be possible only in the selected partition.*

**FS43 - STATION 1 TELEPHONE NUMBER**

|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#          *by default |AAAAAAAAAAAAAAAA|*

*Max.16 characters from 0 to F, A=end of the number, B=pulse dial, C=tone dial, D=wait for the dial tone, E=short pause (3s), F=long pause (10s.)*

**FS44 - STATION 2 TELEPHONE NUMBER**

|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#          *by default |AAAAAAAAAAAAAAAA|*

**FS45 - STATION 1 FORMAT** |___|___|#

**FS46 - STATION 2 FORMAT** |___|___|#

| | |
|---|---|
| 00 - Silent Knight, Ademco slow | 08 - Silent Knight, Ademco slow, extended |
| 01 - Sescoa, Franklin, DCI, Vertex | 09 - Sescoa, Franklin, DCI, Vertex, extended |
| 02 - Silent Knight fast | 0A - Silent Knight fast, extended |
| 03 - Radionics 1400Hz | 0B - Radionics 1400Hz, extended |
| 04 - Radionics 2300Hz | 0C - Radionics 2300Hz, extended |
| 05 - Radionics with parity 1400Hz | 0D - *do not program* |
| 06 - Radionics with parity 2300Hz | 0E - Contact ID (selected) |
| 07 - Ademco Express | 0F - Contact ID (full) |

**FS47 - MONITORING OPTIONS**

| | | |
|---|---|---|
| 1 | | Only station 1, with event selection |
| 2 | | Only station 2, with event selection |
| 3 | | *not used* |
| 4 | | *not used* |
| 5 | | Add zone number to partition report code |
| 6 | | Add zone number to event code |
| 7 | | Omit code not confirmed by station 1 |
| 8 | | Omit code not confirmed by station 2 |

*Note:*

- *when option 1 and 2 are off: transmission to station 1 or to station 2, without event sorting (to those, which is first).*
- *when option 1 and 2 are on: transmission to the both station, with event sorting.*


**FS48 - EVENT IDENTIFIER FOR STATION 1**          |__|__|#|__|__|#

**FS54 - EVENT IDENTIFIER FOR STATION 2**          |__|__|#|__|__|#

*Note:*

- *use the characters from 1 to F. In case of three character identifiers, the fourth character should be programmed as 0 (zero is not transmitted).*
- *If the station requires zero in the identifier, program "A" instead of "0" (i.e. 12**A**3 instead of 12**0**3)*

## FS60, 61, 63, 64, 65 – REPORTING CODES – ZONES

| Zones<br>*(the zone number displayed on AB, AB LEDs)* | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| **FS60 - ZONE ALARM CODES** | | | | | | | | |
| **FS61 - ZONE TAMPER CODES** | | | | | | | | |
| **FS63 - ZONE VIOLATION CODES** | | | | | | | | |
| **FS64 - ZONE RESTORE CODES** | | | | | | | | |
| **FS 65 - TAMPER RESTORE CODES** | | | | | | | | |

*Confirm by pressing  #*                                    *by default all codes = 00*

***Note:***     *events with 00 code will not be reported. The zone violation code is transmitted to the monitoring station in case of:*

- *violation of an armed delayed zone*
- *violation of an instant zone when the zone already signals an alarm*
- *violation of a counting zone when the number of violations still does not trigger an alarm*
- *violation of a day/night zone when it is disarmed*

*If there is no need to distinguish between the alarms and the violations, then the violation codes can be programmed just the same as the alarm codes.*

## FS67, 68 - ZONE EVENTS ASSIGNMENT TO MONITORING STATIONS

| | FS67<br>reported to station 1 | | FS68<br>reported to station 2 | |
|---|---|---|---|---|
| **ZONE ALARM CODES** | 1 | | 1 | |
| **ZONE TAMPER CODES** | 2 | | 2 | |
| *not used* | 3 | | 3 | |
| **ZONE VIOLATION CODES** | 4 | | 4 | |
| **ZONE RESTORE CODES (end of violation)** | 5 | | 5 | |
| **TAMPER RESTORE CODES (end of tamper)** | 6 | | 6 | |

***Note:***

*The mode of reporting to the both stations with event sorting requires that event assignment to the stations is programmed. Events with no assignment will not be reported even if their reporting codes have been programmed.*

*Confirm by pressing  #*

## FS69, 70 - REPORTING CODES – PARTITION

| | | EVENT CODES: | FS69<br>A PARTITION | FS70<br>B PARTITION |
|---|---|---|---|---|
| the code number displayed on the AB, AB LED | 1 | ARMING * | | |
| | 2 | DISARMING * | | |
| | 3 | ZONE BYPASS * | | |
| | 4 | ALARM DURESS | | |
| | 5 | SILENT ARMING | | |
| | 6 | ARMING WITH BYPASS | | |
| | 7 | PARTIAL ARMING | | |
| | 8 | QUICK ARMING | | |
| | 9 | ALARM CLEARING | | |

*Note:*
- *codes marked with \* can be extended with the user number (see FS47). For example if the ARMING code is programmed as 10, the panel will report code 11 on arming the partition by User 1, code 12 on arming by User 2 etc.*

- *Each code should be confirmed by pressing the [#] key.*

## FS73, 74, 77, 78 - PARTITION EVENTS ASSIGNMENT TO MONITORING STATIONS

| | | | EVENTS REPORTED TO STATION 1 | | | EVENTS REPORTED TO STATION 2 | |
|---|---|---|---|---|---|---|---|
| | | | FS73<br>A PARTITION | FS74<br>B PARTITION | | FS77<br>A PARTITION | FS78<br>B PARTITION |
| the lower B LED is blinking | 1 | ARMING | | | first set | | |
| | 2 | DISARMING | | | | | |
| | 3 | ZONE BYPASS | | | | | |
| | 4 | ALARM DURESS | | | | | |
| | 5 | SILENT ARMING | | | | | |
| | 6 | ARMING WITH BYPASS | | | | | |
| | 7 | PARTIAL ARMING | | | | | |
| | 8 | QUICK ARMING | | | | | |
| (the A LED is blinking) | 1 | EXIT/ENTER (GUARD ROUND) | | | second set | | |
| | 2 | NO GUARD ROUND | | | | | |
| | 3 | ALARM CLEARING | | | | | |

*Confirm by pressing #*

**Note:** *Event codes 1 and 2 of the second set of events assignment are programmed by means of **FS126** service function, the rest of codes is programmed using **FS69** and **70**.*

## FS 81÷84 – REPORTING CODES – SYSTEM AND ASSIGMENT TO MONITORING STATION

| SYSTEM EVENTS I PART | FS 81 EVENT CODES: | REPORTED TO | | |
|---|---|---|---|---|
| | | STATION 1 FS 83 | STATION 2 FS 84 | |
| 1 AC LOSS | | | | 1 |
| 2 AC POWER RESTORE | | | | 2 |
| 3 BATTERY TROUBLE | | | | 3 |
| 4 BATTERY RESTORE | | | | 4 |
| 5 OUTPUT 1 TROUBLE | | | | 5 |
| 6 OUTPUT 1 RESTORE | | | | 6 |
| 7 OUTPUT 2 TROUBLE | | | | 7 |
| 8 OUTPUT 2 RESTORE | | | | 8 |
| 9 OUTPUT 3 TROUBLE | | | | 1 |
| 10 OUTPUT 3 RESTORE | | | | 2 |
| 11 SERVICE MODE START | | | | 3 |
| 12 SERVICE MODE END | | | | 4 |
| 13 DOWNLOADING - START | | | | 5 |
| 14 DOWNLOADING - END | | | | 6 |

*(Right-hand labels: rows 1–8 = FIRST SET; rows 9–14 = SECOND SET)*

| SYSTEM EVENTS II PART | FS 82 EVENT CODES: |
|---|---|
| 1 KEYPAD SUPPLY TROUBLE | |
| 2 KEYPAD SUPPLY RESTORE | |
| 3 REPORTING TROUBLE | |
| 4 STATION BUFFER OVERFLOW | |
| 5 CLOCK LOSS | |
| 6 RAM MEMORY ERROR | |
| 7 PANEL RESTART | |
| 8 PERIODICAL REPORTING TEST | |
| 9 CLOCK SETTING * | |
| 10 FIRE (FROM KPD) | |
| 11 PANIC (FROM KPD) | |
| 12 MEDICAL ALARM. (FROM KPD) | |
| 13 ALARM KEYPAD TAMPER | |
| 14 ALARM 3 INCORRECT CODES | |

**REPORTED TO (contd.)**

| STATION 1 FS 83 | STATION 2 FS 84 | |
|---|---|---|
| | | 1 |
| | | 2 |
| | | 3 |
| | | 4 |
| | | 5 |

*(Right-hand label: THIRD SET)*

*Note:*
*When monitoring with events sorting is enabled, the system events, **set II 1-9**, are always sent to the both stations*
*Codes marked with \* can be extended with the user number (see FS47).*

## FS85 - TEST TRANSMISSION TIME                                                    *by default |9999|000000|*

1) Everyday at |___|___|#|___|___|#                    2) Every |___|___|#|___|___|#|___|___|# from last transmission.

1) *Program from 00:00 up to 23:59; 99:99 value disables test transmissions.*

2) *The number of: days, hours, minute; 00:00:00 value disables test transmissions.*

## FS86 - AC LOSS REPORT DELAY *(01-99 minutes)*                    |___|___|#                    *by default |10|*

## FS87 - TELEPHONE NUMBER 1      |___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#

## FS88 - TELEPHONE NUMBER 2      |___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#

## FS89 - TELEPHONE NUMBER 3      |___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#

## FS90 - TELEPHONE NUMBER 4      |___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#|___|___|#

*by default all numbers cleared = |A|A|#|A|A|#|A|A|#|A|A|#|A|A|#|A|A|#|A|A|#|A|A|#*

*Max.16 characters from 0 to F, A=end of the number, B=pulse dial, C=tone dial, D=wait for dial tone, E=short pause, F=long pause*

**Note:**   *Do not program the special characters from B to F before the telephone number – they enter changes during dialing the number (the basic mode of dialing the number and the dial tone test before dialing the number is to be enabled in FS5 function).*

## FS95 – ASSIGNMENT OF PARTITIONS AND MESSAGES TO TELEPHONE NUMBERS

| | | | | AB-AB LEDs | | | |
|---|---|---|---|---|---|---|---|
| | | **TELEPHONE NUMBER:** | **1** | **2** | **3** | **4** |
| 1÷6 LEDs | **1** | **A Partition** | | | | |
| | **2** | **B Partition** | | | | |
| | **3** | *not used* | | | | |
| | **4** | *not used* | | | | |
| | **5** | **Message 1 (for PAGER)** | | | | |
| | **6** | **Message 2 (for PAGER)** | | | | |

**Note:**
- *The LEDs show the assignment of partition or message.*
- *if no pager message assignment is made the message will be sent by a voice synthesizer.*

*Confirm by pressing  #*

**FS96 - PAGER MESSAGE 1**

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

**FS 97 - PAGER MESSAGE 2**

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|__|

**FS100 - NUMBER OF ROUNDS AND REDIALS NUMBER IN A ROUND**     |__||__|#                              *by default |22|*

number of redials number (0-9) ↗        ↖ number of rounds (1-7)

**FS101 - NUMBER OF RINGS TO ANSWER** *(from 01 up to 15)*            |__|__|#                              *by default |02|*

**FS102 - TIMER 1**          ON (hours/minutes)            |__|__|#|__|__|#                    *off by default: |9999|*

                    OFF (hours/minutes)           |__|__|#|__|__|#                                          *|9999|*

**FS103 - TIMER 2**          ON (hours/minutes)            |__|__|#|__|__|#                                          *|9999|*

                    OFF (hours/minutes)           |__|__|#|__|__|#                                          *|9999|*

**FS104 - TIMER 3**          ON (hours/minutes)            |__|__|#|__|__|#                                          *|9999|*

                    OFF (hours/minutes)           |__|__|#|__|__|#                                          *|9999|*

**FS105 - TIMER 4**          ON (hours/minutes)            |__|__|#|__|__|#                                          *|9999|*

                    OFF (hours/minutes)           |__|__|#|__|__|#                                          *|9999|*

## FS106 – TIMER FUNCTIONS

| TIMER 1 | |
| --- | --- |
| TIMER 2 | |

*Confirm by pressing  #*

| TIMER 3 | |
| --- | --- |
| TIMER 4 | |

*Confirm by pressing  #*

0 – timer not used
1 – control OUT 1
2 – control OUT 2
3 – control OUT 3
4 – control OUT 4
5 – control OUT 5

TIMER FUNCTIONS:

6 – *not used*
7 – round partition
8 – arming/disarming A partition
9 – arming/disarming B partition

***Note:***
*Timer 1 with function "round partition" (7) controls A partition, timer 2 – B partition. Don't program the partition guard rounds control function for timers 3 and 4.*

## FS107 - RESTORE DEFAULT SETTINGS

## FS108 - CLEAR EVENT LOG

## FS109 - RESTORE DEFAULT COMMUNICATION PASSWORDS

## FS110 - RESTORE DEFAULT CODES

## FS111 - KEYPAD ADDRESS

*LEDs 1 to 4 corresponds to the jumper settings.*

| Keypad address | LED numbers | *the lower B LED is blinking* | | | keypad jumpers |
| --- | --- | --- | --- | --- | --- |
| | | 1 | | A | |
| | | 2 | | B | |
| | | 3 | | C | |

*Confirm by pressing  #*

## FS112 - START OF PROGRAMMING FROM COMPUTER IN LOCAL MODE

## FS117 - TELEPHONE LINE LOSS DELAY *(from 00 up to 99 minutes)*   |__|__|#                          *by default |00|*

## FS118 - PARAMETERS OF PAGER STATION SIGNALS

program:   |3|B|#|4|2|#|0|B|#|0|F|#|0|1|#|7|D|# for POLPAGER system   |__|

|2|B|#|2|E|#|0|E|#|1|4|#|3|0|#|3|A|# for TELEPAGE system   |__|

|3|7|#|3|D|#|0|7|#|0|B|#|B|6|#|C|8|# for EASY CALL system     |___|

|1|6|#|1|A|#|1|3|#|1|7|#|0|B|#|0|F|#  for METRO-BIP system     |___|

## FS123 - COUNTER COUNT-UP TIMES *(from 0 up to 255 sec.)*                                    *by default |30|30|30|*

| COUNTER | 1 | 2 | 3 |
|---|---|---|---|
| COUNT TIME |  |  |  |

*Confirm by pressing #*

## FS124 - AUTOMATIC READOUT OF KEYPAD ADDRESS

## FS125 - CTL INPUT FUNCTIONS          |___|___|#                                    *by default |00|*

INPUT FUNCTION (first digit, from 0 to 7)                    RANGE (second digit, from 0 to 3)

0 – Not used                                                0 – Not used
1 – Arming                                                  1 – Partition A
2 – Disarming                                               2 – Partition B
3 – FIRE alarm                                              3 – Partition A and B
4 – PANIC alarm
5 – Alarm AUX.
6 – Arming / Disarming
7 – Alarm cancelling (without disarming)

## FS126 - GUARD CONTROL CODES

| code nr indicated on ABAB LED | 1 | EXIT/ENTER A PARTITION (ENTERING A PARTITION GUARD CODE)          * |  |
|---|---|---|---|
|  | 2 | EXIT/ENTER B PARTITION (ENTERING B PARTITION GUARD CODE)          * |  |
|  | 3 | NO GUARD ROUND –A PARTITION |  |
|  | 4 | NO GUARD ROUND –B PARTITION |  |

*Note:*
- *Codes marked with * can be extended by a control panel with user number (see FS47).*
- *Each code should be confirmed by pressing the [#] key.*

## FS127, 128 - ZONES BYPASSED ON NO EXIT FROM SITE *(see: FS16÷19)*

## FS131 – ADDITIONAL OPTIONS

| | **FIRST SET**<br>(the lower B LED is blinking) |
|---|---|
| 1 | hardware entering service mode blocked |
| 2 | hardware start of downloading disabled |
| 3 | pulse dialing ration 1:1,5 (if off: 1:2) |
| 4 | remote control module supported (MST-1) |

*Confirm by pressing  #*

| | **SECOND SET**<br>(the lower A LED is blinking) |
|---|---|
| 1 | disable arming if battery trouble |
| 2 | automatic clearing zone Auto-Reset |
| 3 | *not used* |
| 4 | *not used* |

*Confirm by pressing  #*

## FS132 - CLOCK CORRECTION            |___|___|                                    *by default |00|*

The range of possible correction: –19 - +19 seconds:

     01  to  19  - positive value from 1s up to 19s

          00  - no correction

     81  to  99  - negative value from 1s up to 19s

## FS 133 - REVIEWING CONTROL PANEL REAL-TIME CLOCK (no change possible).