

PROGRAMMING LIST

Alarm Control Panel

CA10 plus

(Program Version 4.7)

Satel®

GDAŃSK



History of the Manual Updates.

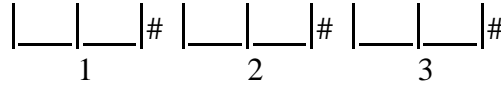
The updates below refer to the manual for the control panel with program version 4.1.

Date	Program version	Description of updates
01-2003	4.3	<ul style="list-style-type: none">• A new type of zone reaction added in the FS-26 function: „19 - perimeter”.• New formats of transmission to the monitoring station added in the functions FS-45, FS-46:<ul style="list-style-type: none">▪ 0E - Contact ID selected codes▪ 0F - Contact ID all codes• Event no. 6 (disarming & clearing alarm) removed from the functions FS-69 to FS-80 – the code is recommended not to be programmed or assigned to the stations .• A second set of options added in the FS-131 function (1-4).• A new function added: FS-133.
07-2003	4.7	<ul style="list-style-type: none">• A new type of zone reaction added in the FS-26 function: „20 – enter/exit-final ”.• New format of transmission to the monitoring station added in the functions FS-45, FS-46 „TELIM’.• On page 11 in the table new zone event codes added (FS 134-135). In FS 67-68 functions bit 8 is used for assignment new events to monitoring stations.• New functions added: FS-125, FS-134-137.• In second set of option in the FS-131 function added 3 new options (5-7).

FS 7 - COUNTING ZONES COUNTERS

(program: 00 to 07)

Counter



|0|0|#|0|0|#|0|0|#

FS 8+11 and 12+15 PARTITION ZONES, ZONES DISPLAYED IN LED KEYPADS

	Zones to partitions assignment				Zones to LED keypads assignment							
	FS 8 Part. 1	FS 9 Part. 2	FS 10 Part. 3	FS 11 Part. 4	FS 12 Kpd. 1	FS 13 Kpd. 2	FS 14 Kpd. 3	FS 15 Kpd. 4				
ZONE 1	1 <input checked="" type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input checked="" type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>			
ZONE 2	2 <input checked="" type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input checked="" type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>			
ZONE 3	3 <input checked="" type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input checked="" type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>			
ZONE 4	4 <input checked="" type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>			
ZONE 5	5 <input checked="" type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input checked="" type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>			
ZONE 6	6 <input checked="" type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input checked="" type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>			
ZONE 7	7 <input checked="" type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input checked="" type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>			
ZONE 8	8 <input checked="" type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input checked="" type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>			
<i>Confirm by pressing #</i>												
ZONE 9	1 <input checked="" type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input checked="" type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>	1 <input type="checkbox"/>			
ZONE 10	2 <input checked="" type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input checked="" type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>			
ZONE 11	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>	3 <input type="checkbox"/>			
ZONE 12	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>	4 <input type="checkbox"/>			
ZONE 13	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>	5 <input type="checkbox"/>			
ZONE 14	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>	6 <input type="checkbox"/>			
ZONE 15	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>	7 <input type="checkbox"/>			
ZONE 16	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>	8 <input type="checkbox"/>			

Confirm by pressing #

X-default settings

FS 16+19 & 127+130 AUTO-BYPASSED ZONES.

	Auto-bypassed zones (silent or partial arming)				Auto-bypassed zones (no exit from the facility)			
	FS 16 Part. 1	FS 17 Part. 2	FS 18 Part. 3	FS 19 Part. 4	FS 127 Part. 1	FS 128 Part. 2	FS 129 Part. 3	FS 130 Part. 4
ZONE 1	1		1		1		1	
ZONE 2	2		2		2		2	
ZONE 3	3		3		3		3	
ZONE 4	4		4		4		4	
ZONE 5	5		5		5		5	
ZONE 6	6		6		6		6	
ZONE 7	7		7		7		7	
ZONE 8	8		8		8		8	
<i>Confirm by pressing #</i>								
ZONE 9	1		1		1		1	
ZONE 10	2		2		2		2	
ZONE 11	3		3		3		3	
ZONE 12	4		4		4		4	
ZONE 13	5		5		5		5	
ZONE 14	6		6		6		6	
ZONE 15	7		7		7		7	
ZONE 16	8		8		8		8	

Confirm by pressing #

FS 20+23 - PARTITION OPTIONS

	FS 20		FS 21		FS 22		FS 23	
	Partition 1		Partition 2		Partition 3		Partition 4	
<i>To turn on an option set the corresponding control on.</i>								
GO TO function disabled	1	GOTO 2	1	GOTO 1	1	GOTO 1	1	GOTO 1
GO TO function disabled	2	GOTO 3	2	GOTO 3	2	GOTO 2	2	GOTO 2
GO TO function disabled	3	GOTO 4	3	GOTO 4	3	GOTO 4	3	GOTO 3
QUICK ARM function disabled	4		4		4		4	
3 wrong codes alarm disabled	5		5		5		5	
PANIC keypad alarm disabled	6		6		6		6	
AUX. keypad alarm disabled	7		7		7		7	
FIRE keypad alarm disabled	8		8		8		8	
<i>Confirm by pressing #</i>								
Keypad alarm on until cleared with a code	1		1		1		1	
Keypad alarm on for the set alarm time	2	x	2	x	2	x	2	x
DAY/NIGHT zone violation signal	3	x	3	x	3	x	3	x
CHIME zone violation signal	4		4		4		4	
Failure audible signal	5		5		5		5	
Keypad EXIT DELAY signal	6	x	6	x	6	x	6	x
Keypad ENTRY DELAY signal	7	x	7	x	7	x	7	x
Key pressed signal	8	x	8	x	8	x	8	x

Confirm by pressing #

x-default settings

FS 27 - PROGRAMMING ZONE OPTIONS

Option	Zones:	zone number displayed on LEDs 9 ÷ 12															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	PRIORITY (must not be violated on arming)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
2	CHIME (violation generates CHIME signal)																
3	AUTO-RESET 1 (auto-bypassed after first alarm)																
4	AUTO-RESET 3 (auto-bypassed after third alarm)																
5	ABORT DELAY (no violation reporting during ENTRY DELAY)																
6	POWER UP DELAY (bypass for 120s after power on)																
7	report RESTORE after alarm ends																
8	report RESTORE after DISARM																

Options are programmed by lighting the corresponding controls (activating options) in turn for 16 zones. Confirm the option for each zone by pressing #.
 x - Options enabled by default; the other options are disabled.

FS 28 - INDIVIDUAL ZONE ENTRY DELAY

ZONE:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Entry Delay																

Note: program 00 to 99 seconds, confirm by pressing #.

By default, the individual entry delay times are set at 0.

FS 29 - MAXIMUM ZONE VIOLATION TIME

ZONE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Value	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

Note: Controls 1-8 will not display the new parameter value. Program values from 0 to 255 sec.. Confirm each number by pressing #.
 By default, the maximum violation times are set at 0 for all zones (violation time control off).

FS 30 - MAXIMUM ZONE NO VIOLATION TIME

ZONE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Value																

Note: Controls 1-8 will not display the new parameter value. Program values from 0 to 255 sec.. Confirm each number by pressing #.
By default, the maximum violation times are set at 0 for all zones (no violation time control off).

FS 31 ÷ 42 - OUTPUTS PROGRAMMING

OUTPUT TYPES:

- | | | |
|----------------------------|--|--|
| 00 not used | 05 keypad FIRE alarm signaling | 10 DURESS signaling |
| 01 BURGLARY signaling | 06 keypad PANIC alarm signaling | 11 CHIME signaling |
| 02 BURGLARY/FIRE signaling | 07 keypad AUX. alarm signaling | 12 switch MONO ([CODE][*][7]) |
| 03 FIRE signaling | 08 sygnalizacja alarmu sabotażowego klawiatury | 13 switch BI ([CODE][*][8]) |
| 04 keypad alarms signaling | 09 DAY/NIGHT & COUNTING violation signal. | 14 arm status (OR) |
| | | 15 silent arm status |
| | | 16 EXIT DELAY warning |
| | | 17 ENTRY DELAY warning |
| | | 18 telephone usage status |
| | | 19 GROUND START pulse |
| | | 20 monitoring acknowledgement |
| | | 21 zone BYPASS status |
| | | 22 READY status |
| | | 23 zone violation status |
| | | 24 telephone line fault |
| | | 25 AC loss |
| | | 26 battery failure |
| | | 27 power supply |
| | | 28 fire detectors power supply |
| | | 29 power supply with RESET function |
| | | 30 TIMER controlled |
| | | 31 audible arm status |
| | | 32 full arm status (AND) |
| | | 33 arm/disarm beep |
| | | 34 keypad alarm status |
| | | 35 power supply in armed mode |
| | | 36/37 state signals (East European standard) |
| | | 38 zone failure status |
| | | 39 no guard code in partition |
| | | 40 service mode status |
| | | 41 low battery indicator |

		FS 31 OUT 1	FS 33 OUT 2	FS 35 OUT 3	FS 37 OUT 4	FS 39 OUT 5	FS 41 OUT 6
TYP WYJŚCIA							
Confirm by pressing #		01	01	27	00	22	12
CZAS DZIAŁANIA WYJŚCIA							
Confirm by pressing #		00	00	00	00	00	00
OPTIONS (turn on light indicator to activate option)	Output assigned to partition 1	1					
	Output assigned to partition 2	2					
	Output assigned to partition 3	3					
	Output assigned to partition 4	4					
	Pulsed output	5					
	Cut-off time in minutes	6					
	LATCH type output	7					
	Polarity +12V	8					

Confirm by pressing #

FS 32+42 - ZONES CONTROLLING OUTPUTS

Lists of zones controlling outputs													
	FS 32 OUT 1		FS 34 OUT 2		FS 36 OUT 3		FS 38 OUT 4		FS 40 OUT 5		FS 42 OUT 6		
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		
<i>Confirm by pressing #</i>													
ZONE 9	1		1		1		1		1		1		
ZONE 10	2		2		2		2		2		2		
ZONE 11	3		3		3		3		3		3		
ZONE 12	4		4		4		4		4		4		
ZONE 13	5		5		5		5		5		5		
ZONE 14	6		6		6		6		6		6		
ZONE 15	7		7		7		7		7		7		
ZONE 16	8		8		8		8		8		8		

Confirm by pressing #

Note:

The list of zones may be empty (default setting). If this is the case, the output will respond to violation of any zone, the function of which corresponds to the output type (for example, the output which signals burglary alarms will not respond to a violation of the 24H FIRE zone).

Similarly, it is not necessary to enter a partition number in output options, because in this case the output responds to all zones, irrespective of their partition assignments.

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

FS 48 - MONITORING STATION 1 ZONE EVENTS IDENTIFIER

|_|_|#|_|_|#

FS 49 - MONITORING STATION 1 PARTITION 1 EVENTS IDENTIFIER

|_|_|#|_|_|#

FS 50 - MONITORING STATION 1 PARTITION 2 EVENTS IDENTIFIER

|_|_|#|_|_|#

FS 51 - MONITORING STATION 1 PARTITION 3 EVENTS IDENTIFIER

|_|_|#|_|_|#

FS 52 - MONITORING STATION 1 PARTITION 4 EVENTS IDENTIFIER

|_|_|#|_|_|#

FS 53 - MONITORING STATION 1 SYSTEM EVENTS IDENTIFIER

|_|_|#|_|_|#

FS 54 - MONITORING STATION 2 ZONE EVENTS IDENTIFIER

|_|_|#|_|_|#

FS 55 - MONITORING STATION 2 PARTITION 1 EVENTS IDENTIFIER

|_|_|#|_|_|#

FS 56 - MONITORING STATION 2 PARTITION 2 EVENTS IDENTIFIER

|_|_|#|_|_|#

FS 57 - MONITORING STATION 2 PARTITION 3 EVENTS IDENTIFIER

|_|_|#|_|_|#

FS 58 - MONITORING STATION 2 PARTITION 4 EVENTS IDENTIFIER

|_|_|#|_|_|#

FS 59 - MONITORING STATION 2 SYSTEM EVENTS IDENTIFIER

|_|_|#|_|_|#

Notes: - Use characters 1 ÷ 9 and A ÷ F when programming the identifiers. In case of three-character identifiers, program the fourth character as 0 (zeros are not transmitted)

- If the monitoring station requires an identifier containing zero, program "A" instead of "0" (e.g. enter 12A3 instead of 1203).

FS 60+66 - ZONE REPORT CODES.

Zones	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FS 60 - ALARM CODES																
FS 61 - ZONE TAMPER CODES																
FS 62 - ZONE TROUBLE CODES																
FS 63 - ZONE VIOLATION CODES																
FS 64 - ZONE RESTORE CODES																
FS 65 - TAMPER RESTORE CODES																
FS 66 - TROUBLE RESTORE CODES																
FS 134 – ZONE BYPASS CODES																
FS 135 – ZONE UNBYPASS CODES																

Confirm each code by pressing #. Zone numbers are indicated by LEDs 9÷12.

By default, all codes are equal to 00.

FS 67, 68 - ZONE EVENTS ASSIGNMENT TO MONITORING STATIONS.

	FS 67 SEND TO STATION 1		FS 68 SEND TO STATION 2	
ZONE ALARM CODES	1		1	
ZONE TAMPER ALARM CODES	2		2	
ZONE TROUBLE CODES	3		3	
ZONE VIOLATION CODES	4		4	
ZONE RESTORE CODES	5		5	
TAMPER RESTORE CODES	6		6	
TROUBLE RESTORE CODES	7		7	
ZONE BYPASS AND UNBYPASS CODES	8		8	

Confirm by pressing #

Note:

No events with 00 code are reported. Single-character codes are obtained by programming one of the characters as 0.

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

FS 69+72 - PARTITION EVENT CODES

EVENT CODES:		FS-69 PARTITION 1	FS-70 PARTITION 2	FS-71 PARTITION 3	FS-72 PARTITION 4
1	ARMING *				
2	SILENT ARMING *				
3	ARMING WITH BYPASS *				
4	CLEARING ALARM *				
5	DISARMING *				
6	<i>do not program</i>				
7	SYSTEM CLOCK PROGRAMMING *				
8	ZONE BYPASS *				
9	KEYPAD FIRE ALARM				
10	KEYPAD PANIC ALARM				
11	KEYPAD AUX. ALARM				
12	KEYPAD TAMPER ALARM				
13	3 INCORRECT CODES ALARM				
14	DISARMING WITH A DURESS CODE				
15	INTERIOR PARTITION ARMING				
16	INTERIOR PARTITION DISARMING				

Numer kodu wskazywany na diodach LED 9÷12

Note: Codes marked with * can be extended by the panel 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.

FS 73+80 – PARTITION EVENTS ASSIGNMENT TO MONITORING STATIONS.

		EVENTS REPORTED TO STATION 1				EVENTS REPORTED TO STATION 2			
		FS-73 PART. 1	FS-74 PART. 2	FS-75 PART. 3	FS-76 PART. 4	FS-77 PART. 1	FS-78 PART. 2	FS-79 PART. 3	FS-80 PART. 4
ARMING	1								
SILENT ARMING	2								
ARMING WITH BYPASS	3								
CLEARING ALARM	4								
DISARMING	5								
<i>do not program</i>	6								
SYSTEM CLOCK PROGRAMMING	7								
ZONE BYPASS	8								
<i>Confirm by pressing #</i>									
KEYPAD FIRE ALARM	1								
KEYPAD PANIC ALARM	2								
KEYPAD AUX. ALARM	3								
KEYPAD TAMPER ALARM	4								
3 INCORRECT CODES ALARM	5								
DISARMING WITH DURESS CODE	6								
INTERIOR PARTITION ARMING	7								
INTERIOR PARTITION DISARMING	8								

Confirm by pressing #

FS 81+84 – SYSTEM EVENTS CODES AND ASSIGNMENT TO MONITORING STATIONS.

SYSTEM EVENTS – SET I		EVENTS ASSIGNMENT		
		FS 81 EVENT CODES	FS 83 SEND TO STATION 1	FS 84 SEND TO STATION 2
1	AC LOSS			
2	AC RESTORE			
3	LOW BATTERY			
4	BATTERY RESTORE			
5	OUTPUT OUT 1 TROUBLE			
6	OUTPUT OUT 1 RESTORE			
7	OUTPUT OUT 2 TROUBLE			
8	OUTPUT OUT 2 RESTORE			
9	OUTPUT OUT 3 TROUBLE			
10	OUTPUT OUT 3 RESTORE			
11	PRINTER TROUBLE			
12	PRINTER RESTORE			
13	ENTER SERVICE MODE			
14	EXIT SERVICE MODE			
15	DOWNLOADING - START			
16	DOWNLOADING - END			

SYSTEM EVENTS – SET II		FS 82 EVENT CODES
1	OUTPUT OUT 4 TROUBLE	
2	OUTPUT OUT 4 RESTORE	
3	TRANSMISSION PROBLEMS	
4	EVENT LOG OVERFLOW	
5	LOSS OF TIME	
6	RAM MEMORY FAULT	
7	SYSTEM RESTART	
8	TEST TRANSMISSION	
9	KEYPAD POWER SUPPLY TROUBLE	
10	KEYPAD POWER SUPPLY RESTORE	

NOTE: When monitoring with events sorting is enabled, the system events, set II, are always sent to both stations.

FS 85 - TIME OF TEST TRANSMISSION TO MONITORING STATION |__|__|#|__|__|# |9|9|#|9|9|#
 Program from 00:00 to 23:59; the value 99:99 disables sending the transmission test..

FS 86 - AC LOSS REPORT DELAY (01-99 minutes) |__|__|# |1|0|#

FS 87 - TELEPHONE NUMBER 1 |__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#

FS 88 - TELEPHONE NUMBER 2 |__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#

FS 89 - TELEPHONE NUMBER 3 |__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#

FS 90 - TELEPHONE NUMBER 4 |__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#

FS 91 - TELEPHONE NUMBER 5 |__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#

FS 92 - TELEPHONE NUMBER 6 |__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#

FS 93 - TELEPHONE NUMBER 7 |__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#

FS 94 - TELEPHONE NUMBER 8 |__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#|__|__|#

max.16 characters 0 to F, by default, all telephone numbers are deleted = |A|A|#|A|A|#|A|A|#|A|A|#|A|A|#|A|A|#|A|A|#|A|A|#|A|A|#

- A=end of number,
- B=pulse dial,
- C=tone dial,
- D=wait for the continuous tone ,
- E=short pause,
- F=long pause.

NOTE: Do not put the special characters B÷F before the telephone number, as they are used for introducing changes during dialing. The basic mode of dialing and the telephone line signal test are enabled in FS 5.

FS 106 - TIMER FUNCTIONS

TIMER 1	
TIMER 2	

Confirm by pressing #

TIMER 3	
TIMER 4	

Confirm by pressing #

TIMER FUNCTIONS:

- 0 - timer not used
- 1 - controls output OUT 1
- 2 - controls output OUT 2
- 3 - controls output OUT 3
- 4 - controls output OUT 4
- 5 - controls output OUT 5
- 6 - controls output OUT 6
- 7 - partition control

- 8 - arms/disarms partition 1
- 9 - arms/disarms partition 2
- A - arms/disarms partition 3
- B - arms/disarms partition 4

NOTE: for partition control function (7) timer 1 controls partition 1, timer 2 - partition 2 etc.

FS 107 - RESTORING DEFAULT SETTINGS

FS 108 - CLEARING EVENT LOG

FS 109 - PROGRAMMING DEFAULT IDENTIFICATION CODES

FS 110 - RESTORING DEFAULT CODES

FS 111 - PROGRAMMING KEYPAD ADDRESSES

<i>Keypads 1 & 2 (LED 12 blinking)</i>				
Address of keypad 1	<i>LED No.</i>	1	A	<i>keypad jumpers</i>
		2	B	
		3	C	
		4	D	
Address of keypad 2		5	A	
		6	B	
		7	C	
		8	D	

Confirm by pressing #

<i>Keypads 3 & 4 (LED 11 blinking)</i>				
Address of keypad 3	<i>LED No.</i>	1	A	<i>keypad jumpers</i>
		2	B	
		3	C	
		4	D	
Address of keypad 4		5	A	
		6	B	
		7	C	
		8	D	

Confirm by pressing #

NOTE: The illuminated LEDs indicate position of keypad jumpers.

FS 112 - START OF PROGRAMMING THROUGH RS-232

FS 113 - START OF PRINTING EVENT LOG

FS 114 - START OF PRINTING ALARM LOG

FS 115 - START OF PRINTING TROUBLE LOG

FS 116 - START OF PRINTING PARTITIONS EVENT LOG

FS 117 - TELEPHONE LINE LOSS DELAY. (00 to 99 minutes)

|__|__|#

|0|0|#

FS 118 - PAGER MESSAGE RECEIVER PARAMETERS

program: |3|B|#|4|2|#|0|B|#|0|F|#|1|0|#|8|0|# 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	__

FS 119÷122 - PROGRAMMING MESSAGES TO PAGER (also FS 96 to FS 99)

FS 123 – COUNTING ZONES COUNT TIMES

COUNTER	1	2	3
COUNTING TIME	_ _	_ _	_ _

NOTE: Program times: 0 to 255 seconds

Default:
 |3|0|#|3|0|#|3|0|#

FS 124 - KEYPAD ADDRESSES AUTO-DETECT**FS 125 – OUTPUTS TESTING****FS 126 - PARTITION CONTROL MONITORING CODES**

Partition 1 input/output (entering Partition 1 control code)	
Partition 2 input/output (entering Partition 2 control code)	
Partition 3 input/output (entering Partition 3 control code)	
Partition 4 input/output (entering Partition 4 control code)	
No control code - Partition 1	
No control code - Partition 2	
No control code - Partition 3	
No control code - Partition 4	

FS 127+130 - ZONES AUTO-BYPASSED ON NO EXIT FROM THE FACILITY (see page 3)

FS 131 - PROGRAMMING ADDITIONAL OPTIONS

FIRST SET (LED 12 blinking)

1		Service mode disabled
2		DTMF module control allowed (MST-1)
3		Pulse dialing ratio 1:1,5
4		Global access codes
5		Partition 1 timer priority
6		Partition 2 timer priority
7		Partition 3 timer priority
8		Partition 4 timer priority

Confirm by pressing #.

SECOND SET (LED 11 blinking)

1		No arming during battery failure
2		Automatic counters reset at midnight „AUTORESET 1/3”
3		Service Mode in one partition only
4		Service message after tamper alarm
5		Trouble clear
6		Audible tamper alarm only in arming
7		Alarms number limitation down to 3 from a zone
8		do not program

Confirm by pressing #.

FS 132 - PROGRAMMING OF CLOCK CORRECTION

|_|_|#

|0|0|#

program: 01 do 19 - positive value 1s do 19s 00 - no correction
 81 do 99 - negative value -1s do -19s

FS 133 – TIME OF TEST TRANSMISSION TO THE MONITORING STATION

|_|_|#|_|_|#|_|_|# after last transmission.
 days hours minutes

Default : |0|0|#|0|0|#|0|0|#

FS 134 – ZONE BYPASS CODES (see p. 11)

FS 135 – ZONE UNBYPASS CODES (see p. 11)

FS-136 - PREFIX FOR EXTENSION OF IDENTIFIERS IN “TELIM” TRANSMISSION FORMAT

FS 137 – CODES USED IN “TELIM” TRANSMISSION FORMATS