

**Alarm Control Panel**

**CA-10**

Program Version 5.11

**Satel** 

GDAŃSK

# SETTINGS LIST



ALARM SYSTEM.....

USER.....

ADDRESS .....

TELEPHONE NUMBER .....

REMARKS.....

.....

.....

<p>Latest EC declaration of conformity and product approval certificates can be downloaded from website <a href="http://www.satel.pl">www.satel.pl</a></p>	
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**FS1 - SERVICE CODE**          |\_|\_|\_|\_|\_|\_|          *default = |12345|*

**FS2 - CONTROL PANEL IDENTIFIER**      |\_|\_|\_|\_|\_|\_|          *|214365|*

**FS3 – COMPUTER IDENTIFIER**          |\_|\_|\_|\_|\_|\_|          *|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 continuous tone, E=short pause, F=long pause*

**FS5 – SYSTEM OPTION**

LED	LCD	FIRST SET OF OPTIONS <i>in the LED keypad LED 12 blinking</i>	LED	LCD	SECOND SET OF OPTIONS <i>in the LED keypad LED 11 blinking</i>	LED	LCD	THIRD SET OF OPTIONS <i>in the LED keypad LEDs 11 and 12 blinking</i>
1	1	Telephone messaging	1	9	DOWNLOADING from outside allowed	1	H	Disable service mode when any partition armed
2	2	Monitoring	2	A	Tone dialing (off – pulse)	2	I	Disable DOWNLOADING when armed
3	3	Call answering	3	B	Double message from synthesizer	3	J	Alarm if any zone is violated when exit time is over
4	4	Printing	4	C	GROUND START	4	K	Fire alarms individual in each partition
5	5	Printer CR + LF mode	5	D	No dial tone test	5	L	Keypad alarms individual in each partition
6	6	Printer RS-232 2400bps (off-1200bps)	6	E	No answer test	6	M	Suspend monitoring until new event (off for 30 min.) *
7	7	Transmission with parity	7	F	Serial transmission on output 5, 6 (for NOKTON radio messaging)      **	7	N	OUT 5,6 transmission type: UA      **
8	8	Parity: on-EVEN / off-ODD	8	G	Double call to answer	8	O	OUT 5,6 transmission type: LV&BY      **

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

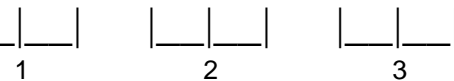
*\* Monitoring is suspended in case of problems in communication with the monitoring station (after 16 failed connection attempts).*  
*\*\* Options 7 and 8 in third set are only relevant if option 7 in second set is on. When UA & LV&BY transmission is disabled (LEDs 7 & 8 are off), outputs 5 and 6 work in NOKTON (PC16OUT) format.*

**FS6 - GLOBAL SYSTEM TIMES**          |\_|\_|      |\_|\_|      |\_|\_|          *default: |30|60|60| sec.*  
*(program from 00 to 99 sec.)*      *entry delay*      *exit delay*      *alarm time*

**FS7 - COUNTING ZONES COUNTERS**

(program from 00 to 07)

Counter



|00|00|00|

**FS8+11 PARTITION ZONES; FS12+15 ZONES DISPLAYED IN KEYPADS; FS16+19 and 127+130 AUTO-BYPASSED ZONES**

			Zones assignment to partition				Zones displayed in partition keypad				Auto-bypassed zones on silent and partial arming				Auto-bypassed zones on no exit in partition			
	LED	LCD	FS8 Partition 1	FS9 Partition 2	FS10 Partition 3	FS11 Partition 4	FS12 Keypad 1	FS13 Keypad 2	FS14 Keypad 3	FS15 Keypad 4	FS16 Partition 1	FS17 Partition 2	FS18 Partition 3	FS19 Partition 4	FS127 Partition 1	FS128 Partition 2	FS129 Partition 3	FS130 Partition 4
<b>ZONE 1</b>	1	1	x				x											
<b>ZONE 2</b>	2	2	x				x											
<b>ZONE 3</b>	3	3	x				x											
<b>ZONE 4</b>	4	4	x				x											
<b>ZONE 5</b>	5	5	x				x											
<b>ZONE 6</b>	6	6	x				x											
<b>ZONE 7</b>	7	7	x				x											
<b>ZONE 8</b>	8	8	x				x											
<i>In the LED keypad confirm by pressing #</i>																		
<b>ZONE 9</b>	1	9	x				x											
<b>ZONE 10</b>	2	*0	x				x											
<b>ZONE 11</b>	3	*1																
<b>ZONE 12</b>	4	*2																
<b>ZONE 13</b>	5	*3																
<b>ZONE 14</b>	6	*4																
<b>ZONE 15</b>	7	*5																
<b>ZONE 16</b>	8	*6																

Confirm by pressing #

X - default settings

**FS20+23 - PARTITION OPTIONS**

	LED	LCD	FS20 Partition 1	FS21 Partition 2	FS22 Partition 3	FS23 Partition 4
<b>GOTO function disabled</b>	1	1	GOTO 2	GOTO 1	GOTO 1	GOTO 1
<b>GOTO function disabled</b>	2	2	GOTO 3	GOTO 3	GOTO 2	GOTO 2
<b>GOTO function disabled</b>	3	3	GOTO 4	GOTO 4	GOTO 4	GOTO 3
<b>QUICK ARM function disabled</b>	4	4				
<b>3 wrong codes alarm disabled</b>	5	5				
<b>PANIC keypad alarm disabled</b>	6	6				
<b>AUX. keypad alarm disabled</b>	7	7				
<b>FIRE keypad alarm disabled</b>	8	8				

*In the LED keypad confirm by pressing #*

<b>Keypad alarm on until cleared with a code</b>	1	9				
<b>Keypad alarm on for the set alarm time</b>	2	A	x	x	x	x
<b>DAY/NIGHT or COUNTING zone violation signal</b>	3	B	x	x	x	x
<b>CHIME zone violation signal</b>	4	C				
<b>Trouble audible signal</b>	5	D				
<b>Keypad EXIT DELAY signal</b>	6	E	x	x	x	x
<b>Keypad ENTRY DELAY signal</b>	7	F	x	x	x	x
<b>Key pressed signal</b>	8	G	x	x	x	x

*Confirm by pressing #*

*In the LED keypads lighting the LED means that option is on.*

*X - default settings*



**FS27 - ZONE OPTIONS**

		<i>in the LED keypads zone number is displayed on LEDs 9- 12</i>															
Option	Zone	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	PRIORITY (must not be violated or tampered 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																

*x* - default settings

**FS28 - INDIVIDUAL ZONE ENTRY DELAY (program from 00 to 99 sec.)**

Zone	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Entry delay																

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

**FS29 - MAXIMUM ZONE VIOLATION TIME (program from 1 to 255 sec.)**

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

*By default, the maximum violation times are set at 0 for all zones (violation time control off).*

**Note:** In the LED keypads every number confirm by pressing # - on the LEDs 1-8 will not display the new parameter value.

**FS30 - MAXIMUM ZONE NO VIOLATION TIME** (program from 1 to 255 sec.)

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

By default, the maximum violation times are set at 0 for all zones (no violation time control off).

**Note:** In the LED keypads every number confirm by pressing # - on the LEDs 1-8 will not display the new parameter value.

**FS31, 33, 35, 37, 39, 41 - OUTPUTS PROGRAMMING**

			FS31	FS33	FS35	FS37	FS39	FS41
			OUT 1	OUT 2	OUT 3	OUT 4	OUT 5	OUT 6
<b>OUTPUT TYPE</b>								
Confirm by pressing #			0 1	0 1	2 7	0 0	2 2	1 2
<b>OUTPUT OPERATION TIME</b>								
Confirm by pressing #			0 0	0 0	0 0	0 0	0 0	0 0
<b>OPTIONS</b> in LED keypad, lighting of LED indicates that the option is ON	<b>Output assigned to partition 1</b>	1						
	<b>Output assigned to partition 2</b>	2						
	<b>Output assigned to partition 3</b>	3						
	<b>Output assigned to partition 4</b>	4						
	<b>Pulse signaling</b>	5						
	<b>Time in minutes</b>	6						
	<b>LATCH type output</b>	7						
	<b>Polarity +12V</b>	8						
Confirm by pressing #			X	X	X	X	X	X

X - default settings

- 00 Not used
- 01 BURGLARY ALARM signaling
- 02 FIRE / BURGLARY ALARM signaling
- 03 FIRE ALARM signaling
- 04 KEYPAD ALARM signaling
- 05 KEYPAD FIRE ALARM signaling
- 06 KEYPAD PANIC ALARM signaling
- 07 KEYPAD AUX. ALARM signaling
- 08 KEYPAD TAMPER ALARM signaling
- 09 DAY/NIGHT & COUNTING zone violation signal
- 10 Alarm DURESS signaling
- 11 CHIME signaling
- 12 SWITCH MONO
- 13 SWITCH BI
- 14 ARM STATUS
- 15 SILENT ARM STATUS
- 16 EXIT DELAY STATUS
- 17 ENTRY DELAY STATUS
- 18 TELEPHONE USAGE STATUS
- 19 GROUND START
- 20 REPORT ACKNOWLEDGE
- 21 BYPASS STATUS
- 22 READY STATUS
- 23 ZONE VIOLATION STATUS
- 24 TELEPHONE LINE TROUBLE
- 25 AC LOSS INDICATOR
- 26 BATTERY TROUBLE INDICATOR
- 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/CLEAR ALARM
- 34 KEYPAD BUZZER ALARM
- 35 POWER SUPPLY ON ARMED MODE
- 36 LED STATUS signaling
- 37 RELAY STATUS signaling
- 38 ZONE TROUBLE STATUS
- 39 NO GUARD CODE IN PARTITION
- 40 SERVICE MODE STATUS
- 41 BATTERY TEST RESULT



**FS32, 34, 36, 38, 40, 42 - ZONES CONTROLLING OUTPUTS**

	Lists of zones controlling outputs							
	LED	LCD	FS32 OUT1	FS34 OUT2	FS36 OUT3	FS38 OUT4	FS40 OUT5	FS42 OUT6
<b>ZONE 1</b>	1	1						
<b>ZONE 2</b>	2	2						
<b>ZONE 3</b>	3	3						
<b>ZONE 4</b>	4	4						
<b>ZONE 5</b>	5	5						
<b>ZONE 6</b>	6	6						
<b>ZONE 7</b>	7	7						
<b>ZONE 8</b>	8	8						
<i>In the LED keypad confirm by pressing #</i>								
<b>ZONE 9</b>	1	9						
<b>ZONE 10</b>	2	*0						
<b>ZONE 11</b>	3	*1						
<b>ZONE 12</b>	4	*2						
<b>ZONE 13</b>	5	*3						
<b>ZONE 14</b>	6	*4						
<b>ZONE 15</b>	7	*5						
<b>ZONE 16</b>	8	*6						

Confirm by pressing #

**FS43 - MONITORING STATION 1 TELEPHONE NUMBER**

maximum 16 characters 0-F; A=end of number, B=pulse dial, C=tone dial, D=wait for continuous tone, E=short pause, F=long pause

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Default |AAAAAAAAAAAAAAAA|

**FS44 - MONITORING STATION 2 TELEPHONE NUMBER**

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Default |AAAAAAAAAAAAAAAA|

**FS45 - STATION 1 FORMAT** |\_\_|\_\_|

**FS46 - STATION 2 FORMAT** |\_\_|\_\_|

- 00 - Silent Knight, Ademco slow
- 01 - Sescoa, Franklin, DCI, Vertex
- 02 - Silent Knight fast
- 03 - Radionics 1400Hz
- 04 - Radionics 2300Hz
- 05 - Radionics with parity 1400Hz
- 06 - Radionics with parity 2300Hz
- 07 - Ademco Express
- 08 - Silent Knight, Ademco slow, extended
- 09 - Sescoa, Franklin, DCI, Vertex, extended
- 0A - Silent Knight fast, extended
- 0B - Radionics 1400Hz, extended
- 0C - Radionics 2300Hz, extended
- 0D - Telim with entry tone
- 0E - Contact ID selected codes
- 0F - Contact ID all codes
- 8D - Telim without entry tone

**FS47 - REPORTING OPTIONS**

1	<input type="checkbox"/>	report to STATION 1 only, without event sorting
2	<input type="checkbox"/>	report to STATION 2 only, without event sorting
3	<input type="checkbox"/>	event sorting by identifiers during transmission to STATION 1
4	<input type="checkbox"/>	event sorting by identifiers during transmission to STATION 2
5	<input type="checkbox"/>	extend reported partition events code with user number
6	<input type="checkbox"/>	extend reported zone events code with zone number
7	<input type="checkbox"/>	the panel skips sending the events code if STATION 1 fails to acknowledge receiving the information after 16 attempts
8	<input type="checkbox"/>	the panel skips sending the events code if STATION 2 fails to acknowledge receiving the information after 16 attempts

**NOTE:**

- if both options 1 and 2 are off - the panel will report to either station 1 or 2 (whichever is reached first), with no event sorting.  
 - if both options 1 and 2 are on - the panel will report to both station 1 and 2, with event sorting.

**FS48 - ZONE EVENTS IDENTIFIER FOR MONITORING STATION 1**

|\_|\_|\_|\_|

**FS49 - PARTITION 1 EVENTS IDENTIFIER FOR MONITORING STATION 1**

|\_|\_|\_|\_|

**FS50 - PARTITION 2 EVENTS IDENTIFIER FOR MONITORING STATION 1**

|\_|\_|\_|\_|

**FS51 - PARTITION 3 EVENTS IDENTIFIER FOR MONITORING STATION 1**

|\_|\_|\_|\_|

**FS52 - PARTITION 4 EVENTS IDENTIFIER FOR MONITORING STATION 1**

|\_|\_|\_|\_|

**FS53 - SYSTEM EVENTS IDENTIFIER FOR MONITORING STATION 1**

|\_|\_|\_|\_|

**FS54 - ZONE EVENTS IDENTIFIER FOR MONITORING STATION 2**

|\_|\_|\_|\_|

**FS55 - PARTITION 1 EVENTS IDENTIFIER FOR MONITORING STATION 2**

|\_|\_|\_|\_|

FS56 - PARTITION 2 EVENTS IDENTIFIER FOR MONITORING STATION 2

FS57 - PARTITION 3 EVENTS IDENTIFIER FOR MONITORING STATION 2

FS58 - PARTITION 4 EVENTS IDENTIFIER FOR MONITORING STATION 2

FS59 - SYSTEM EVENTS IDENTIFIER FOR MONITORING STATION 2

**FS60÷66, 134÷135 – ZONE REPORT CODES**

Zones	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FS60 – ZONE ALARM CODES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FS61 – ZONE TAMPER ALARM CODES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FS62 – ZONE TROUBLE CODES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FS63 – ZONE VIOLATION CODES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FS64 – ZONE RESTORE CODES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FS65 – TAMPER RESTORE CODES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FS66 – TROUBLE RESTORE CODES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FS134 – ZONE BYPASS CODES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FS135 – ZONE UNBYPASS CODES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*By default, all codes are equal to 00*

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

	FS67 send to STATION 1		FS68 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	

All codes confirm by pressing #

**FS69+72 – PARTITION REPORT CODES**

EVENTS CODES:			FS69 PARTITION 1	FS70 PARTITION 2	FS71 PARTITION 3	FS72 PARTITION 4
Code number indicated on LEDs 9+12 in LED keypads	1	ARMING *				
	2	SILENT ARMING *				
	3	ARMING WITH BYPASS *				
	4	CLEARING ALARM *				
	5	DISARMING *				
	6	not used				
	7	TIME SETTING *				
	8	ZONE BYPASS *				
	9	KEYPAD FIRE ALARM				
	10	KEYPAD PANIC ALARM				
	11	KEYPAD AUX. ALARM				
	12	KEYPAD TAMPER ALARM				
	13	3 WRONG CODES ALARM				
	14	DURESS ALARM				
	15	INTERNAL PARTITION ARMING				
	16	INTERNAL PARTITION DISARMING				

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.

**FS73+80 – PARTITION EVENTS ASSIGNMENT TO MONITORING STATIONS**

		EVENTS REPORTED TO STATION 1				EVENTS REPORTED TO STATION 2			
		FS73 PART. 1	FS74 PART. 2	FS75 PART. 3	FS76 PART. 4	FS77 PART. 1	FS78 PART. 2	FS79 PART. 3	FS80 PART. 4
ARMING	1								
SILENT ARMING	2								
ARMING WITH BYPASS	3								
CLEARING ALARM	4								
DISARMING	5								
<i>not used</i>	6								
TIME SETTING	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 WRONG CODES ALARM	5								
DURESS ALARM	6								
INTERNAL PARTITION ARMING	7								
INTERNAL PARTITION DISARMING	8								

*Confirm by pressing #*

**FS81+84 – SYSTEM EVENTS CODES AND ASSIGNMENT TO MONITORING STATIONS**

SYSTEM EVENTS SET I		EVENTS ASSIGNMENT		
		FS81 EVENTS CODES	FS83 SENT TO STATION 1	FS84 SENT TO STATION 2
1	AC LOSS			
2	AC RESTORE			
3	BATTERY LOW			
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	START DOWNLOADING			
16	END DOWNLOADING			

SYSTEM EVENTS SET II		FS82 EVENTS CODES
1	OUTPUT OUT 4 TROUBLE	
2	OUTPUT OUT 4 RESTORE	
3	REPORTING TROUBLE	
4	EVENT LOG OVERFLOW	
5	LOSS OF TIME	
6	RAM MEMORY ERROR	
7	SYSTEM RESTORE	
8	REPORTING TEST	
9	KEYPAD POWER SUPPLY TROUBLE	
10	KEYPAD POWER SUPPLY RESTORE	

**NOTE:** When monitoring with events sorting is enabled, this codes are always sent to both stations.

**FS85 – TIME OF TEST TRANSMISSION TO MONITORING STATION**

|\_|\_|\_|\_|\_|

*Default |9999|*

*Program from 00:00 to 23:59, the value 99:99 disables sending the transmission test.*

**FS86 - AC LOSS REPORT DELAY (01-99 min.)**

|\_|\_|

*Default |10|*

**FS87 - TELEPHONE NUMBER 1**

|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|

**FS88 - TELEPHONE NUMBER 2**

|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|

**FS89 - TELEPHONE NUMBER 3**

|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|

**FS90 - TELEPHONE NUMBER 4**

|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|

**FS91 - TELEPHONE NUMBER 5**

|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|

**FS92 - TELEPHONE NUMBER 6**

|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|

**FS93 - TELEPHONE NUMBER 7**

|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|

**FS94 - TELEPHONE NUMBER 8**

|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|\_|

*max. 16 characters 0 to F:*

*A=end of number,*

*B=pulse dial,*

*C=tone dial,*

*D=wait for the continuous tone ,*

*E=short pause,*

*F=long pause.*

*by default, all telephone numbers are deleted = |AAAAAAAAAAAAAAAA|*

**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.*





**FS98 - PAGER MESSAGE 3 (also FS121)**


**FS99 - PAGER MESSAGE 4 (also FS122)**


**FS100 - NUMBER OF QUEUES AND RETRIES IN A QUEUE**

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|4|2|

number of retries (0-9) ↗

↖ number of queues (1-7)

**FS101 - NUMBER OF RINGS BEFORE ANSWER (from 00 to 09)**

--	--	--	--

|00|

**FS102 - TIMER 1**

SWITCH ON at (hours/minutes)

--	--	--	--	--	--

Default OFF: |9999|

SWITCH OFF at (hours/minutes)

--	--	--	--	--	--

|9999|

**FS103 - TIMER 2**

SWITCH ON at (hours/minutes)

--	--	--	--	--	--

|9999|

SWITCH OFF at (hours/minutes)

--	--	--	--	--	--

|9999|

**FS104 - TIMER 3**

SWITCH ON at (hours/minutes)

--	--	--	--	--	--

|9999|

SWITCH OFF at (hours/minutes)

--	--	--	--	--	--

|9999|

**FS105 - TIMER 4**

SWITCH ON at (hours/minutes)

--	--	--	--	--	--

|9999|

SWITCH OFF at (hours/minutes)

--	--	--	--	--	--

|9999|

**FS106 - TIMER FUNCTIONS**

<b>TIMER 1</b>	
<b>TIMER 2</b>	

*confirm by pressing #*

<b>TIMER 3</b>	
<b>TIMER 4</b>	

*confirm by pressing #*

**TIMER FUNCTIONS:**

- |                           |                               |
|---------------------------|-------------------------------|
| 0 - timer not used        | 6 - controls output OUT 6     |
| 1 - controls output OUT 1 | 7 - partition control         |
| 2 - controls output OUT 2 | 8 - arms/disarms partition 1  |
| 3 - controls output OUT 3 | 9 - arms/disarms partition 2  |
| 4 - controls output OUT 4 | 10 - arms/disarms partition 3 |
| 5 - controls output OUT 5 | 11 - arms/disarms partition 4 |

**NOTE:**

*For partition control function (7) timer 1 controls partition 1, timer 2 - partition 2 etc.*

**FS107 - FACTORY DEFAULT SETTINGS RESTORATION**

**FS108 - CLEARING EVENT LOG**

**FS109 - FACTORY DEFAULT IDENTIFIERS RESTORATION**

**FS110 - FACTORY DEFAULT CODES RESTORATION**

**FS111 - KEYPAD ADDRESSES**

<b>Keypads 1 &amp; 2</b>			
<i>in the LED keypad the LED 12 is blinking</i>			
<b>Keypad 1 address</b>	LED No. in the LED keypad	1	A
		2	B
		3	C
		4	D
<b>Keypad 2 address</b>	LED No. in the LED keypad	5	A
		6	B
		7	C
		8	D

*confirm by pressing #*

<b>Keypads 3 &amp; 4</b>			
<i>in the LED keypad the LED 11 is blinking</i>			
<b>Keypad 3 address</b>	LED No. in the LED keypad	1	A
		2	B
		3	C
		4	D
<b>Keypad 4 address</b>	LED No. in the LED keypad	5	A
		6	B
		7	C
		8	D

*confirm by pressing #*

**NOTES:**

- *In the LED keypads the illuminated LEDs indicate position of keypad jumpers.*
- *In a system equipped with LCD keypads, manual modification of the keypad addresses with the function FS111 is not allowed.*

**FS112 - START OF PROGRAMMING THROUGH RS-232**

**FS113 - EVENT LOG PRINTOUT**

**FS114 - ALARM LOG PRINTOUT**

**FS115 - TROUBLE LOG PRINTOUT**

**FS116 - PARTITION EVENT PRINTOUT**

**FS117 - PERMISSIBLE TELEPHONE LINE LOSS DELAY** *(from 00 to 99 min.)*

|\_\_|\_\_|

|00|

**FS118 - PARAMETERS OF PAGER STATION SIGNALS**

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	\_\_

**FS119+122 - MESSAGES TO PAGER** *(see: FS96 to FS99)*

**FS123 – COUNTERS COUNT-UP TIMES** *(program from 0 to 255 sec.)*

COUNTER	1	2	3
COUNTING TIME	__	__	__

*Default: |30|30|30|*

**FS124 - KEYPAD ADDRESS AUTO-DETECT**

**FS125 – TESTING OUTPUTS**

**FS126 - GUARD CONTROL CODES**

Code of guard in partition 1	
Code of guard in partition 2	
Code of guard in partition 3	
Code of guard in partition 4	
Code of lack of guard in partition 1	
Code of lack of guard in partition 2	
Code of lack of guard in partition 3	
Code of lack of guard in partition 4	

**NOTE:**

The function is used for programming the system events codes - set III. When monitoring with events sorting is enabled, this codes are always sent to both stations.

**FS127÷130 - ZONES AUTO-BYPASSED ON NO EXIT IN PARTITION (see: FS16÷19)**

**FS131 - ADDITIONAL OPTIONS**

LED	LCD		FIRST SET OF OPTIONS <i>in the LED keypad LED 12 blinking</i>
1	1		Service mode disabled
2	2		DTMF (MST-1) module supported
3	3		Pulse dialing ratio 1:1,5
4	4		Global codes
5	5		Timer 1 priority
6	6		Timer 2 priority
7	7		Timer 3 priority
8	8		Timer 4 priority

*confirm by pressing #*

LED	LCD		SECOND SET OF OPTIONS <i>in the LED keypad LED 11 blinking</i>
1	9		No arming during battery failure
2	A		Automatic reset of zone bypassing at midnight
3	B		Service mode available only in one partition
4	C		Service message after tamper alarm
5	D		Keypad trouble alarm on until cleared
6	E		Audible tamper alarm in armed mode only
7	F		Limit number of alarms from one zone to 3
8	G		VISONIC radio reporting *

*confirm by pressing #*

\* - only control panels having PCB marked with „VC-10P” symbol

**FS132 - CLOCK CORRECTION**   

Default |00|

It is possible to correct the clock in the range -19 - +19 seconds. In the LED keypad, to program the appropriate correction, enter as follows:

- 01 to 19 - positive value from 1s to 19s
- 00 - no correction
- 81 to 99 - negative value from 1s to 19s

**FS133 - THE TIME OF TEST TRANSMISSION TO THE MONITORING STATION**

after the last transmission  
*days                  hours                  minutes*

Default: |00|00|00|

**FS134 – ZONE BYPASS CODES** (see: FS60÷66)

**FS135 – ZONE UNBYPASS CODES** (see: FS60÷66)

**FS136 – PREFIXES FOR EXTENSION OF IDENTIFIERS IN “TE LIM” TRANSMISSION FORMAT**

STATION1    STATION2

Default: |AAAA|

(program characters from 0 to F)

**FS137 – CODES USED IN “TE LIM” TRANSMISSION FORMATS**

TELIM meldungen					
Meldungen mit +			Meldungen mit -		
Code No. LCD	Code No. LED	CODE	Code No. LCD	Code No. LED	CODE
0	1	<input type="text"/>	8	9	<input type="text"/>
1	2	<input type="text"/>	9	A	<input type="text"/>
2	3	<input type="text"/>	A	B	<input type="text"/>
3	4	<input type="text"/>	B	C	<input type="text"/>
4	5	<input type="text"/>	C	D	<input type="text"/>
5	6	<input type="text"/>	D	E	<input type="text"/>
6	7	<input type="text"/>	E	F	<input type="text"/>
7	8	<input type="text"/>	F	0	<input type="text"/>

**Note!** Numbering of the LED keypad codes shown on LEDs 9-12 begins from 1. When programming the channel number / code number for events, use the **LCD** - consistent numbering.

- 31 Feuer – Fire
- 32 Wasser – Water
- 33 Gas – Gas
- 34 Störung – Failure
- 35 Pumpe – Pump
- 36 Überfall – Assault
- 37 Einbruch – Burglary
- 38 Grenzwert - Limit value
- 3C Rückruf – Callback
- 41 Alarm – Alarm
- 46 Fehler – Error
- 4B Klar – Clear
- 4C Techn.Alarm – Techn. alarm
- 4E Notruf - Aux. alarm
- 50 Amtslinie zuruck - Tel. line OK.
- 51 FS-EIN - Remote arming
- 52 Routine – Test
- 53 FS-AUS - Remote disarming
- 54 Scharf - Arming
- 55 Unscharf - Disarming
- 60 Netzfehler - Net failure
- 70 Netz EIN - Net OK
- 69 Batt. Unterspannung - Low battery
- 79 Batt. gut - Battery OK.

**FS138 – VISONIC RADIO SYSTEM ADDRESS** (*program from 00 to 07*) |\_\_|\_\_|

*Default |00|*

**FS139 – TEST TRANSMISSION PERIOD OF VISONIC RADIO SYSTEM**

|\_\_|\_\_| |\_\_|\_\_|  
hours minutes

*Default OFF: |00|00|*

**Note:** *The service functions FS138 and FS139 refer only to control panels having PC board marked with the „VC-10P“ symbol.*

**FS140 – THE TIME OF THE TEST TRANSMISSION TO THE MONITORING STATION WHEN SYSTEM IS ARMED**

|\_\_|\_\_| |\_\_|\_\_| |\_\_|\_\_| after the last transmission to the station when system is armed.  
days hours minutes

*Default |00|00|00*

## History of the manual updates.

Described in the table below are changes as compared with the manual for the CA-10 control panel with firmware in version **4.10**.

<b>Date</b>	<b>Version</b>	<b>Introduced changes</b>
July 2007	5.11	While arming, the zones with activated option PRIORITY can not be violated or tampered (p. 5). The function FS140 „Test transmission when system is armed” has been added (p. 20).

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