

**ENGINEER CODE** (7777 by default)

**MENU: GENERAL PARAMETERS**

ADDRESS	DESCRIPTION	ACTION / PARAMETERS														
0000	Changing the engineer code	[*****] 0 Press and hold to delete the code → [ ] New code 4 digits <b>7777</b>														
0010	Ambush code	DISABLE ◀ ▶ ENABLE														
0013	Trouble sound signalization	<table border="1"> <tr> <td>AC loss</td> <td>Batt trbl</td> <td>Blown fuse</td> <td>PSTN trbl</td> <td>Tamper</td> <td>System trbl</td> </tr> <tr> <td>①</td> <td>②</td> <td>③</td> <td>④</td> <td>⑤</td> <td>⑥</td> </tr> </table>	AC loss	Batt trbl	Blown fuse	PSTN trbl	Tamper	System trbl	①	②	③	④	⑤	⑥		
AC loss	Batt trbl	Blown fuse	PSTN trbl	Tamper	System trbl											
①	②	③	④	⑤	⑥											
0014	Confidential time mode	Enter time in interval 10 - 180 seconds <b>[010]</b>														
0015	AC trouble delay indication	Enter time in interval 0 - 255 minutes <b>[030]</b>														
0016	Setting the TAMPER type	DISABLE ◀ ▶ <b>ENABLE</b> <i>Silent TAMPER</i> <i>Audible TAMPER</i>														
0020	Walk test	Test the zones one by one for correct indication in opening														
0021	PGM test	[0] - enter the PGM number; [OFF/ON] - set the status														
0023	Communicator test	Press "ARM" to start test transmission; Press "0" to abort.														
0030	Hardware reset	DISABLE ◀ ▶ <b>ENABLE</b>														
0031	Menu partial rest <i>Select the number of the menu and confirm with password 123456.</i>	<table border="1"> <tr> <td>General Settings</td> <td>Users</td> <td>Zones</td> <td>PGM Outputs</td> <td>Areas</td> <td>Comm menu</td> <td>Periph. Devices</td> </tr> <tr> <td>①</td> <td>②</td> <td>③</td> <td>④</td> <td>⑤</td> <td>⑥</td> <td>⑦</td> </tr> </table>	General Settings	Users	Zones	PGM Outputs	Areas	Comm menu	Periph. Devices	①	②	③	④	⑤	⑥	⑦
General Settings	Users	Zones	PGM Outputs	Areas	Comm menu	Periph. Devices										
①	②	③	④	⑤	⑥	⑦										
0032	Resetting the Manager code	Enter the password 123456 to reset the manager's code to its default value - 0000. <b>0000</b>														
0040	Review the memory LOG file	Use the arrows to review the events. Press "2" for more information; press "1" to return to main LOG review screen.														
0050	System name	Enter system name up to 16 letters and/ or symbols.														
0051	Setting the clock	Enter sequentially HH:MM (hour:minutes)														
0052	Setting the date	Enter sequentially DD/MM/YY (day:mount:year)														
0097	Setting the engineer menu style	<table border="1"> <tr> <td>Address</td> <td>Operation</td> <td>Text</td> </tr> <tr> <td>①</td> <td>②</td> <td>③</td> </tr> </table>	Address	Operation	Text	①	②	③								
Address	Operation	Text														
①	②	③														
0098	Review the panel software revision															

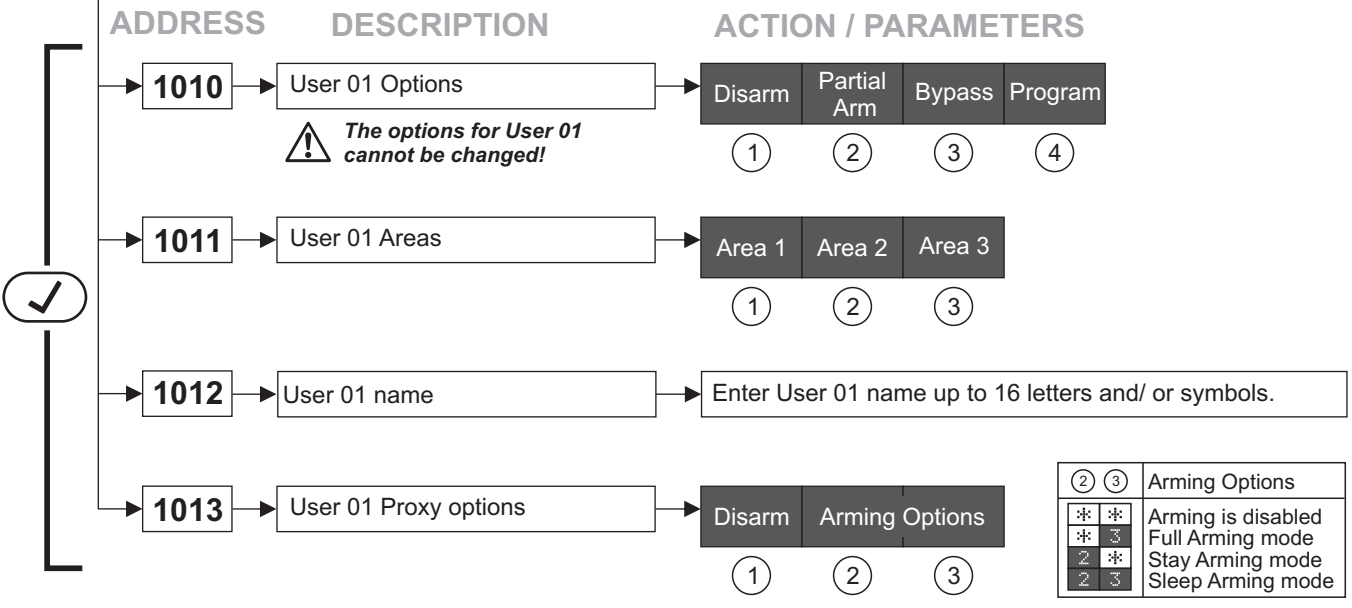
**LEGEND:**   Default parameters

Confirm the setting

Reject the settings

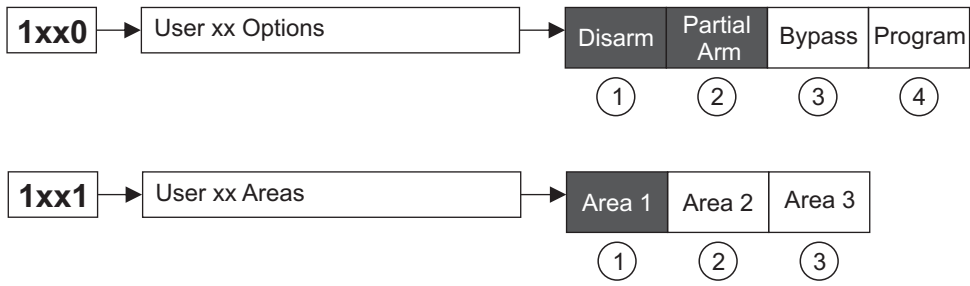
**ENGINEER CODE** (7777 by default)

**MENU: USER CODES & SETTINGS**




User numbers from 02 to 32 are programmed in an analogical way.

The default settings are as follows:



**ENGINEER CODE** (7777 by default)

## MENU: ZONE PROGRAMMING & SETTINGS

ADDRESS	DESCRIPTION	ACTION / PARAMETERS																										
2000	Setting type of zone wiring	Enter a connection style for zone wiring from 1 to 5. [2]																										
2003	Activations in pulse count mode	Enter a number of pulses from 1 to 9. Enter 0 to block pulse count mode. [0]																										
2004	Time for zones in pulse count mode	Enter time in interval 0 - 255 seconds. [000]																										
2010	Zone 01 Attaching of devices	[1] Number of Device; [1] Number of hardware input																										
2011	Zone 01Type  <b>Only one type can be selected for zone!</b>	Enter the type of Zone 01, according its operation: <table border="0"> <tr> <td>① Not used</td> <td>④ Fire</td> <td>⑧ Key-Switch</td> </tr> <tr> <td>② Entry/ Exit</td> <td>⑤ Panic</td> <td>⑨ 24h Auxiliary</td> </tr> <tr> <td>③ Follow</td> <td>⑥ Tamper</td> <td></td> </tr> <tr> <td>⑦ Instant</td> <td>⑦ Medical</td> <td></td> </tr> </table>	① Not used	④ Fire	⑧ Key-Switch	② Entry/ Exit	⑤ Panic	⑨ 24h Auxiliary	③ Follow	⑥ Tamper		⑦ Instant	⑦ Medical															
① Not used	④ Fire	⑧ Key-Switch																										
② Entry/ Exit	⑤ Panic	⑨ 24h Auxiliary																										
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⑦ Instant	⑦ Medical																											
2012	Zone 01 Areas	<table border="1"> <tr> <td>Area 1</td> <td>Area 2</td> <td>Area 3</td> </tr> <tr> <td>①</td> <td>②</td> <td>③</td> </tr> </table>	Area 1	Area 2	Area 3	①	②	③																				
Area 1	Area 2	Area 3																										
①	②	③																										
2014	Zone 01 Main Attributes	<table border="1"> <tr> <td></td> <td>Bypass</td> <td>Stay Arm</td> <td>Sleep Arm</td> <td>Force Arm</td> <td>Double Knock</td> </tr> <tr> <td></td> <td>②</td> <td>③</td> <td>④</td> <td>⑤</td> <td>⑥</td> </tr> </table>		Bypass	Stay Arm	Sleep Arm	Force Arm	Double Knock		②	③	④	⑤	⑥														
	Bypass	Stay Arm	Sleep Arm	Force Arm	Double Knock																							
	②	③	④	⑤	⑥																							
2015	Zone 01 Additional Attributes	<table border="1"> <tr> <td></td> <td></td> <td>Report Only</td> <td></td> <td></td> <td>Chime</td> <td>Pulse Count</td> <td>Power up Delay</td> </tr> <tr> <td></td> <td></td> <td>③</td> <td></td> <td></td> <td>⑥</td> <td>⑦</td> <td>⑧</td> </tr> </table>			Report Only			Chime	Pulse Count	Power up Delay			③			⑥	⑦	⑧										
		Report Only			Chime	Pulse Count	Power up Delay																					
		③			⑥	⑦	⑧																					
2016	Zone 01 Key-Switch Attributes <i>Attribute 1 has two positions: *- Pulse is set; 1 - Latch is set Attribute 5 has two positions: *- Normal is set; 5 - Invert is set</i>	<table border="1"> <tr> <td>Pulse Latch</td> <td>Arming Options</td> <td>Disarm</td> <td>Normal Invert</td> <td> <table border="1"> <tr> <td>②</td> <td>③</td> <td>Arming Options</td> </tr> <tr> <td>* *</td> <td>* *</td> <td>Arming is disabled</td> </tr> <tr> <td>* *</td> <td>* *</td> <td>Full Arming mode</td> </tr> <tr> <td>2 *</td> <td>* *</td> <td>Stay Arming mode</td> </tr> <tr> <td>2 *</td> <td>3 *</td> <td>Sleep Arming mode</td> </tr> </table> </td> </tr> <tr> <td></td> <td>①</td> <td>②</td> <td>③</td> <td>④</td> <td>⑤</td> </tr> </table>	Pulse Latch	Arming Options	Disarm	Normal Invert	<table border="1"> <tr> <td>②</td> <td>③</td> <td>Arming Options</td> </tr> <tr> <td>* *</td> <td>* *</td> <td>Arming is disabled</td> </tr> <tr> <td>* *</td> <td>* *</td> <td>Full Arming mode</td> </tr> <tr> <td>2 *</td> <td>* *</td> <td>Stay Arming mode</td> </tr> <tr> <td>2 *</td> <td>3 *</td> <td>Sleep Arming mode</td> </tr> </table>	②	③	Arming Options	* *	* *	Arming is disabled	* *	* *	Full Arming mode	2 *	* *	Stay Arming mode	2 *	3 *	Sleep Arming mode		①	②	③	④	⑤
Pulse Latch	Arming Options	Disarm	Normal Invert	<table border="1"> <tr> <td>②</td> <td>③</td> <td>Arming Options</td> </tr> <tr> <td>* *</td> <td>* *</td> <td>Arming is disabled</td> </tr> <tr> <td>* *</td> <td>* *</td> <td>Full Arming mode</td> </tr> <tr> <td>2 *</td> <td>* *</td> <td>Stay Arming mode</td> </tr> <tr> <td>2 *</td> <td>3 *</td> <td>Sleep Arming mode</td> </tr> </table>	②	③	Arming Options	* *	* *	Arming is disabled	* *	* *	Full Arming mode	2 *	* *	Stay Arming mode	2 *	3 *	Sleep Arming mode									
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2 *	3 *	Sleep Arming mode																										
	①	②	③	④	⑤																							
2018	Zone 01 name	Enter Zone 01 name up to 16 letters and/ or symbols.																										
2019	Zone 01 Line resistance	Check the line resistance of Zone 01.																										

Zone numbers from 02 to 16 are programmed in an analogical way.

**LEGEND:**  Default parameters

 Confirm the setting

 Reject the settings

ENGINEER CODE (7777 by default)

**MENU: PGM PROGRAMMING & SETTINGS**

ADDRESS	DESCRIPTION	ACTION / PARAMETERS								
3011	PGM 01 Options <i>Attribute 1 has two positions: *- Output is set; 1 - Siren is set</i> <i>Attribute 2 has two positions: *- Normal is set; 2 - Invert is set</i>	<table border="1"> <tr> <td colspan="2"><i>Polarity</i></td> </tr> <tr> <td>Output</td> <td>Normal</td> </tr> <tr> <td>Siren</td> <td>Invert</td> </tr> <tr> <td>①</td> <td>②</td> </tr> </table>	<i>Polarity</i>		Output	Normal	Siren	Invert	①	②
<i>Polarity</i>										
Output	Normal									
Siren	Invert									
①	②									
3012	PGM 01 Areas	<table border="1"> <tr> <td>Area 1</td> <td>Area 2</td> <td>Area 3</td> </tr> <tr> <td>①</td> <td>②</td> <td>③</td> </tr> </table>	Area 1	Area 2	Area 3	①	②	③		
Area 1	Area 2	Area 3								
①	②	③								
3013	PGM 01 Activation event	Enter a number of activation event for PGM 01. [20]								
3014	PGM 01 Act. event Parameters 1	Set Parameters 1 of activation event for PGM 01. [123]								
3015	PGM 01 Act. event Parameters 2	Set Parameters 2 of activation event for PGM 01. 0								

PGM numbers from 02 to 05 are programmed in an analogical way.

**⚠ ATTENTION: The default settings for PGM 05 is to operate as siren output:**

3051	PGM 05 Options	<table border="1"> <tr> <td colspan="2"><i>Polarity</i></td> </tr> <tr> <td>Output</td> <td>Normal</td> </tr> <tr> <td>Siren</td> <td>Invert</td> </tr> <tr> <td>①</td> <td>②</td> </tr> </table>	<i>Polarity</i>		Output	Normal	Siren	Invert	①	②
<i>Polarity</i>										
Output	Normal									
Siren	Invert									
①	②									

LEGEND:  Default parameters

Confirm the setting

Reject the settings

**ENGINEER CODE** (7777 by default)

**MENU: AREA PROGRAMMING & SETTINGS**

ADDRESS	DESCRIPTION	ACTION / PARAMETERS										
4000	Setting the account digit length	4 digits ◀ ▶ 6 digits										
4001	Setting "Double knock" delay time	Set a time in interval from 1 to 5 minutes. [3]										
4010	Setting Area 1 exit time	Set the exit time for Area 1 in time interval 0-255 seconds. [045]										
4011	Setting Area 1 entry time	Set the entry time for Area 1 in time interval 0-255 seconds. [015]										
4012	Setting Area 1 alarm cycle	Set the alarm cycle for Area 1 in time interval 0-255 min. [001]										
4013	Setting Area 1 account number	Set an account number with 4/6 digits/letters length. [FFFF]										
4014	Setting Area 1 Bell Attributes	<table border="1"> <tr> <td>Squawk on Arm</td> <td>Squawk on Disarm</td> <td></td> <td></td> <td>Fire alarm duration</td> </tr> <tr> <td>①</td> <td>②</td> <td></td> <td></td> <td>⑤</td> </tr> </table>	Squawk on Arm	Squawk on Disarm			Fire alarm duration	①	②			⑤
Squawk on Arm	Squawk on Disarm			Fire alarm duration								
①	②			⑤								
4015	Setting Area 1 ON/OFF Attributes	<table border="1"> <tr> <td></td> <td></td> <td>Clear bypass on disarm</td> <td>Quick Arm</td> </tr> <tr> <td></td> <td></td> <td>③</td> <td>④</td> </tr> </table>			Clear bypass on disarm	Quick Arm			③	④		
		Clear bypass on disarm	Quick Arm									
		③	④									
4016	Setting Area 1 Panic type	<table border="1"> <tr> <td>Police</td> <td>Silent Police</td> <td>Medical</td> <td>Silent Medical</td> <td>Fire</td> </tr> <tr> <td>①</td> <td>②</td> <td>③</td> <td>④</td> <td>⑤</td> </tr> </table>	Police	Silent Police	Medical	Silent Medical	Fire	①	②	③	④	⑤
Police	Silent Police	Medical	Silent Medical	Fire								
①	②	③	④	⑤								
4017	Area 1 name	Enter Area 1 name up to 16 letters and/ or symbols.										

Area numbers 2 and 3 are programmed in an analogical way.

**ATTENTION!**

You must consider the following important notes for **Eclipse Series keyboards** when connected to **ECLIPSE 16** control panel:

Keyboard	Display Type	Indication		
		Area 1	Area 2	Area 3
LED 8	LED Icon	One Area*; No specific indication		
LED 16	LED Icon	Two Areas**; A and B indication		
LED 16A	LED Icon	A	B	C
LED 32	LED Icon	A1	A2	A3
LCD 32 (S)	LCD Text	1	2	3

**\*Note:** The keyboard supports operation and management of only one area. The area number is set at address 80x3, where "x" is the keyboard number in the system.

**\*\*Note:** The keyboard supports operation and management of two areas. The area numbers are set at address 80x3, where "x" is the keyboard number in the system. The areas are displayed as A and B, where A is the area with the smaller number, and B with the higher one. Note that there is no direct correspondence between the area number and the keyboard letter!

**LEGEND:** Default parameters

Confirm the setting

Reject the settings

**ENGINEER CODE** (7777 by default)

**MENU: COMMUNICATION PROGRAMMING & SETTINGS**

ADDRESS	DESCRIPTION	ACTION / PARAMETERS																										
6000	Setting the PSTN Options <i>Attribute 4 has two positions:</i> *- Tone type dialing is set; 4 - Pulse type dialing is set <i>Attribute 5 has two positions:</i> *- Dial tone is set; 5 - Blind dialing is set <i>Attribute 6 has two positions:</i> *- Message to all phones; 6 - Message to at least one phone	<table border="1"> <tr> <td>Dialer</td> <td>TLM*</td> <td colspan="2" style="text-align: center;"><i>Dialing</i></td> <td>Tone</td> <td>Dial tone</td> <td>All</td> <td>Report channels</td> </tr> <tr> <td>(1)</td> <td>(2)</td> <td></td> <td></td> <td>Pulse</td> <td>Blind dialing</td> <td>Alternat.</td> <td>(7) (8)</td> </tr> </table> <table border="1"> <tr> <td>(7) (8)</td> <td>Report channels</td> </tr> <tr> <td>* *</td> <td>No communication through AJAX and PSTN channels</td> </tr> <tr> <td>* 8</td> <td>AJAX is the main channel, and PSTN is backup channel</td> </tr> <tr> <td>7 *</td> <td>PSTN is the main channel, and AJAX is backup channel</td> </tr> <tr> <td>7 8</td> <td>Both channels are used</td> </tr> </table>	Dialer	TLM*	<i>Dialing</i>		Tone	Dial tone	All	Report channels	(1)	(2)			Pulse	Blind dialing	Alternat.	(7) (8)	(7) (8)	Report channels	* *	No communication through AJAX and PSTN channels	* 8	AJAX is the main channel, and PSTN is backup channel	7 *	PSTN is the main channel, and AJAX is backup channel	7 8	Both channels are used
Dialer	TLM*	<i>Dialing</i>		Tone	Dial tone	All	Report channels																					
(1)	(2)			Pulse	Blind dialing	Alternat.	(7) (8)																					
(7) (8)	Report channels																											
* *	No communication through AJAX and PSTN channels																											
* 8	AJAX is the main channel, and PSTN is backup channel																											
7 *	PSTN is the main channel, and AJAX is backup channel																											
7 8	Both channels are used																											
6001	Number of attempts for communic.	Set the number of attempts for communication 1 - 9. [4]																										
6002	Setting the test message period	Set the time period 0 - 255 hours. [024]																										
6003	Setting the test message hour	Set the start time in format [HH:MM]. [00:05]																										
6004	Setting the TLM* fault delay	Set the time delay period 0 - 255 minutes. [000]																										
6010	Phone 1 for the digital communicator	Enter a telephone number up to 32 characters long.																										
6011	Phone 1 communication protocol	CID ◀ ▶ SIA																										
6012	Phone 1 alarm messages	Alarm Tamper Panic, Ambush Fire Arm, Disarm, Bypass Medical Trouble Special (1) (2) (3) (4) (5) (6) (7) (8)																										
6013	Phone 1 areas	Area 1 Area 2 Area 3 (1) (2) (3)																										

Phone second number for the communicator is programmed in an analogical way.  
\* TLM - Telephone Line Monitoring

**ENGINEER CODE**

(7777 by default)


**MENU: COMMUNICATION PROGRAMMING & SETTINGS**

**ADDRESS      DESCRIPTION      ACTION / PARAMETERS**

6100	Setting the VD Options	Report for event User control ①      ②
6101	VD Message Repetitions	Enter the number of message repetitions from 1-9 . [3]
6102	VD Dial Repetitions	Enter the number of dials repetitions from 1-9 . [3]
6103	VD Language	Set a number for language of the messages. [00] English
6110	VD Phone 1	Enter a telephone number up to 32 characters long.
6111	VD Phone 1 areas	Area 1    Area 2    Area 3 ①      ②      ③
VD Phone numbers from 2 to 8 for the voice dialer are programmed in an analogical way.		
6901	Setting PC ID number	Enter a PC ID number for up/ downloading. [1234]
6905	Setting the number of rings	Enter the number of incoming rings from 01 to 99. Enter 00 to block the up/ downloading. [04]

**LEGEND:**   Default parameters

 Confirm the setting

 Reject the settings

**ENGINEER CODE** (7777 by default)

**MENU: DEVICE PROGRAMMING & SETTINGS**

**ADDRESS DESCRIPTION ACTION / PARAMETERS**

→ **8xx0** → Device XX ID →

**XX is a number of Device 02 to 06.**

**⚠ Attention Device 01 is always the PCB of the control panel!**

LED	LCD	Device type
①	MAIN	The PCB of the control panel.
②	LCD	LCD32 or LCD32 Sensitive Keyboard.
③	LED	LED8, LED16(A) or LED32 Keyboard.
④	ZEXP	Zone expander.
⑥	WEXP	Wireless expander.
⑦	PRX	Stand alone proximity reader.

→ **8xx1** → Device XX areas →

Area 1	Area 2	Area 3
①	②	③

→ **8xx2** → Device XX options →

Chime	Zone info	Conf. mode	Exit conf. mode
①	②	③	④

✓ → **8xx3** → Device XX Physical hardware →

In [X] - Device XX inputs; Out [X] - Device XX outputs

*The number of physical inputs depends on the type of the device.*

→ **8xx4** → Device XX Communication →

Checking the communication quality between Device XX and the control panel.

→ **8xx7** → Setting Arming Mode A\* →

Area 1	Area 2	Area 3
Stay Arm	*	*

→ **8xx8** → Setting Arming Mode B\* →

Area 1	Area 2	Area 3
SleepArm	*	*

Button	Operation	Indication on keyboard		
		LCD	LED	LED8
①	No change of the Area state	[ * ]	[ 10 ]	Button [0]
②	Disarm	[ d ]	[ 1 ]	Button [1]
③	Full Arm	[ f ]	[ 2 ]	Button [2]
④	Stay Arm	[ s ]	[ 3 ]	Button [3]
⑤	Sleep Arm	[ S ]	[ 4 ]	Button [4]

*\* NOTE: Accessible for stand alone proximity card readers only.*