

ELK-M1 and ELK-M1G PROGRAMMING WORKSHEETS

Menu 04-Keypad Definitions

Option	* Description *	Range	Programming Settings by KEYPAD							
			KP01	02	03	04	05	06	07	08
	Select Keypad----->									
11	F2 Key Definitions									
	F2KeyEvent(Act)	0000-0036, 2001-2032	___	___	___	___	___	___	___	___
	F2KeyLight(Illuminate)	1000 - \$\$\$\$	___	___	___	___	___	___	___	___
	F2Key Light Invert	Yes or No	___	___	___	___	___	___	___	___
	F2Key Light Blink	Yes or No	___	___	___	___	___	___	___	___
	F2Key Requires Code	Yes or No	___	___	___	___	___	___	___	___
	F2Key SingleKeyPress	Yes or No	___	___	___	___	___	___	___	___
	F2Key Name	1 - 16 Char.	___	___	___	___	___	___	___	___
12	F3 Key Definitions									
	F3KeyEvent(Act)	0000-0036, 2001-2032	___	___	___	___	___	___	___	___
	F3KeyLight(Illuminate)	1000 - \$\$\$\$	___	___	___	___	___	___	___	___
	F3Key Light Invert	Yes or No	___	___	___	___	___	___	___	___
	F3Key Light Blink	Yes or No	___	___	___	___	___	___	___	___
	F3Key Requires Code	Yes or No	___	___	___	___	___	___	___	___
	F3Key SingleKeyPress	Yes or No	___	___	___	___	___	___	___	___
	F3Key Name	1 - 16 Char.	___	___	___	___	___	___	___	___
13	F4 Key Definitions									
	F4KeyEvent(Act)	0000-0036, 2001-2032	___	___	___	___	___	___	___	___
	F4KeyLight(Illuminate)	1000 - \$\$\$\$	___	___	___	___	___	___	___	___
	F4Key Light Invert	Yes or No	___	___	___	___	___	___	___	___
	F4Key Light Blink	Yes or No	___	___	___	___	___	___	___	___
	F4Key Requires Code	Yes or No	___	___	___	___	___	___	___	___
	F4Key SingleKeyPress	Yes or No	___	___	___	___	___	___	___	___
	F4Key Name	1 - 16 Char.	___	___	___	___	___	___	___	___
14	F5 Key Definitions									
	F5KeyEvent(Act)	0000-0036, 2001-2032	___	___	___	___	___	___	___	___
	F5KeyLight(Illuminate)	1000 - \$\$\$\$	___	___	___	___	___	___	___	___
	F5Key Light Invert	Yes or No	___	___	___	___	___	___	___	___
	F5Key Light Blink	Yes or No	___	___	___	___	___	___	___	___
	F5Key Requires Code	Yes or No	___	___	___	___	___	___	___	___
	F5Key SingleKeyPress	Yes or No	___	___	___	___	___	___	___	___
	F5Key Name	1 - 16 Char.	___	___	___	___	___	___	___	___
15	F6 Key Definitions									
	F6KeyEvent(Act)	0000-0036, 2001-2032	___	___	___	___	___	___	___	___
	F6KeyLight(Illuminate)	1000 - \$\$\$\$	___	___	___	___	___	___	___	___
	F6Key Light Invert	Yes or No	___	___	___	___	___	___	___	___
	F6Key Light Blink	Yes or No	___	___	___	___	___	___	___	___
	F6Key Requires Code	Yes or No	___	___	___	___	___	___	___	___
	F6Key SingleKeyPress	Yes or No	___	___	___	___	___	___	___	___
	F6Key Name	1 - 16 Char.	___	___	___	___	___	___	___	___
16	Name for Keypad	1 - 16 Char.	___	___	___	___	___	___	___	___

Options

[Copy this page for Keypads 09 - 16 NOTE: The ELK-M1G supports 16 keypads. The standard ELK-M1 supports 4 keypads.]

ELK-M1 and ELK-M1G PROGRAMMING WORKSHEETS

Menu 05-Zone Definitions

Option	* Description	* Range	* Programming Settings by ZONE															
			ZN001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016
	Select Zone	----->																
01	Definition	01 - 34	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
02	Type	0 - 3	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
03	Area Assigned to	1 - 8	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
04	Silent Alarm	Yes or No	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
05	Dialer Delay	Yes or No	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
06	Two-Listen-In	Yes or No	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
07	Bypassable	Yes or No	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
08	Force Arm	Yes or No	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
09	Swinger Shutdown	Yes or No	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
10	Req. Periodic Trip	Yes or No	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
11	Fast Loop	Yes or No	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
12	Chime	Yes or No	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
13	Cross Zoned	Yes or No	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___
14	Name of Zone	1-16 Char.	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___

[Copy this page for Zones 017 - 208]

Menu 06-Alarm Cutoff Times

Option	* Description	* Default	* Range	* Programming Settings
CT01	BurgCutoffTime	600 sec. (10 min.)	0-34463 sec.	_____
CT02	FireCutoffTime	600 sec. (10 min.)	0-34463 sec.	_____
CT03	Med CutoffTime	600 sec. (10 min.)	0-34463 sec.	_____
CT04	Pol CutoffTime	600 sec. (10 min.)	0-34463 sec.	_____
CT05	CO CutoffTime	600 sec. (10 min.)	0-34463 sec.	_____
CT06	EmerCutoffTime	600 sec. (10 min.)	0-34463 sec.	_____
CT07	FrezCutoffTime	600 sec. (10 min.)	0-34463 sec.	_____
CT08	Gas CutoffTime	600 sec. (10 min.)	0-34463 sec.	_____
CT09	HeatCutoffTime	600 sec. (10 min.)	0-34463 sec.	_____
CT10	WatrCutoffTime	600 sec. (10 min.)	0-34463 sec.	_____
CT11	Aux1 CutoffTm	600 sec. (10 min.)	0-34463 sec.	_____
CT12	Aux2 CutoffTm	600 sec. (10 min.)	0-34463 sec.	_____

ELK-M1 and ELK-M1G PROGRAMMING WORKSHEETS

Menu 07-Global System Definitions

Option	* Description *	Default	* Range *	* Programming Settings
G01	TelRmtCtl (0=No, 1=Int, 2=Int+Ext)	0	0,1,2	___
G02	12 Hour Time Display	Yes	Yes or No	___
G03	DD/MM Date Display	No (Mth/Day)	Yes or No	___
G04	Celcius Temp Display	No	Yes or No	___
G05	Daylight Savings Time	Yes	Yes or No	___
G06	Fast Loop Response, ms	0040	0020 - 1000	___
G07	Slow Loop Response, ms	0200	0020 - 1000	___
G08	Cross Zone Self Verify	No	Yes or No	___
G09	Cross Zone Verify Time	030	000 - 255	___
G10	Audible Troubles	Yes	Yes or No	___
G11	6 Digit User Codes	No	Yes or No	___
G12	Wrong Code Lockout Digits	020	001 - 255	___
G13	Areas Common to Area 1	None	1 2 3 4 5 6 7 8	___
G14	Out1 & 2 Chg YelpToBuzzer	No	Yes or No	___
G15	Out1 Start Volume on Initial Alarm	1	1 - 7	___
G16	Out1 Max. Siren Volume	7	1 - 7	___
G17	Out1 Max. Voice Alarm Volume	7	1 - 7	___
G18	Out1 Max. Voice Non-Alarm	1	1 - 7	___
G19	Out1 Suppress All Voice	No	Yes or No	___
G20	Out1 SaySystemMessages	Yes	Yes or No	___
G21	Out1 Say Alarms	Yes	Yes or No	___
G22	Out1 Say Zone Status	Yes	Yes or No	___
G23	Out1 SaySystemTrouble	Yes	Yes or No	___
G24	Out1 Say Zone Trouble	Yes	Yes or No	___
G25	Out1 Say Chime	Yes	Yes or No	___
G26	Out 2 Convert to Voltage	No	Yes or No	___
G27	Out 2 Delay Turn-on (sec)	000	000 - 255	___
G28	Out 2 Single Alarm Lockout	No	Yes or No	___
G29	Tel Rings Until Auto Answer	00	00 - 15	___
G30	Ring/Hang/Answer	No	Yes or No	___
G31	2 Way Listen-in Enable	No	Yes or No	___
G32	2 Way Callback Time	00 sec.	00	___
G33	CS Verify Call Time	000 sec.	000	___
G34	Baud Rate, pri. RS232 Port 0	9(115,200)	1 to 9	___ (1=300, 2=1200, 3=2400, 4=4800, 5=9600, 6=14400, 7=19200, 8=38400, 9=115200)
G35	Xmit Event Log-ASCII	Yes	Yes or No	___
G36	Xmit Zone Changes-ASCII	Yes	Yes or No	___
G37	Xmit Output Changes-ASCII	Yes	Yes or No	___
G38	Xmit Task Changes-ASCII	Yes	Yes or No	___
G39	Xmit Light Changes-ASCII	Yes	Yes or No	___
G40	Xmit Keypad Keys - ASCII	Yes	Yes or No	___
G41	Require Code-User Menus 1-5	No	Yes or No	___
G42	Local Programming Code	172839	Any 6 digits	___
G43	Control's Serial Number	{read-only location}		
G44	Control's Software Version	{read-only location}		
G45	Default Control Options [After selecting this option, enter one of the following two digits to default selected sections]			
	81 = User Codes	Press 81 to default	89 = Telephone Numbers ONLY	Press 89 to default
	82 = Areas Data	Press 82 to default	90 = Area Report Codes	Press 90 to default
	83 = Keypads Data	Press 83 to default	91 = Zone Report Codes	Press 91 to default
	84 = Zones Data	Press 84 to default	92 = System Report Codes	Press 92 to default
	85 = Zone Names	Press 85 to default	93 = User Report Codes	Press 93 to default
	86 = Cutoff Times	Press 86 to default	94 = Voice Messages	Press 94 to default
	87 = Global Data	Press 87 to default	95 = Wireless Definitions	Press 95 to default
	88 = Telephone Report & Acct Data	Press 88 to default	96 = Entire Control Panel	Press 99 to default entire Control

ELK-M1 and ELK-M1G PROGRAMMING WORKSHEETS

Menu 08-Telephone Account Setup

Option	* Description *	Range	* Programming Settings by TELEPHONE NUMBER			
			T01	02	03	04
	Select Telephone Number ----->					
01	Always Rpt=0, Backup =1	0 or 1	_____	_____	_____	_____
02	Number to Dial	1 - 16 Digits	_____	_____	_____	_____
03	Format	0 - 5	_____	_____	_____	_____
04	Dial Attempts	00 - 15	_____	_____	_____	_____
05	Account # Area 1	6 Digits	_____	_____	_____	_____
06	Account # Area 2	6 Digits	_____	_____	_____	_____
07	Account # Area 3	6 Digits	_____	_____	_____	_____
08	Account # Area 4	6 Digits	_____	_____	_____	_____
09	Account # Area 5	6 Digits	_____	_____	_____	_____
10	Account # Area 6	6 Digits	_____	_____	_____	_____
11	Account # Area 7	6 Digits	_____	_____	_____	_____
12	Account # Area 8	6 Digits	_____	_____	_____	_____
13	Rpt Area,Alarms,Restals	Yes or No	_____	_____	_____	_____
14	Rpt Bypass & Restoral	Yes or No	_____	_____	_____	_____
15	Rpt Zone Tbl&Restore	Yes or No	_____	_____	_____	_____
16	Rpt Open & Closings	Yes or No	_____	_____	_____	_____
17	Rpt Global SysEvents	Yes or No	_____	_____	_____	_____
18	Name of Phone No.	1 to 16 char.	_____	_____	_____	_____

Options

[Copy this page for Telephone No. 4 - 8, NOTE: Tel No. 9 is for RP Up/Download callback. It only

requires only the number)

Menu 09 - Area Report Codes

Option	* Description *	Range	* Programming Settings by AREA							
			A01	02	03	04	05	06	07	08
	Select Area ----->									
01	Dialer Delay Time in sec.	000-255	_____	_____	_____	_____	_____	_____	_____	_____
02	Alarm Abort Code	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
03	Cancel Window Time sec.	000-255	_____	_____	_____	_____	_____	_____	_____	_____
04	Alarm Cancel Code	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
05	Closing Automatic	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
06	Closing Early	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
07	Closing Extended	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
08	Fail to Close	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
09	Late to Close	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
10	Keyswitch Closing	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
11	Duress Code was used	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
12	Open After Alarm (Exception)	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
13	Open Early	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
14	Fail to Open	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
15	Open Late	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
16	Open with Keyswitch	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
17	User Code Locked Out	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
18	Exit Error	00-FF	_____	_____	_____	_____	_____	_____	_____	_____
19	Fail to Communicate	00-FF	_____	_____	_____	_____	_____	_____	_____	_____

Options

ELK-M1 and ELK-M1G PROGRAMMING WORKSHEETS

Menu 10 - Zone Report Codes

Option	* Description *	* Range	* Programming Settings by ZONE															
			Z001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016
	Select Zone ----->																	
Alarm		00-FF	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	
Restoral		00-FF	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	
Bypass		00-FF	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	
Trouble		00-FF	___	___	___	___	___	___	___	___	___	___	___	___	___	___	___	

[Copy this page for Zones 017 - 208]

Options

Menu 11-Keypad Report Codes

Option	* Description *	* Range	* Programming Settings by KEYPAD							
			KP01	02	03	04	05	06	07	08
	Select Keypad----->									
01	F1 Key Alarm	00-FF	___	___	___	___	___	___	___	
02	F2 Key Alarm	00-FF	___	___	___	___	___	___	___	
03	F3 Key Alarm	00-FF	___	___	___	___	___	___	___	
04	F4 Key Alarm	00-FF	___	___	___	___	___	___	___	
05	F5 Key Alarm	00-FF	___	___	___	___	___	___	___	
06	F6 Key Alarm	00-FF	___	___	___	___	___	___	___	

[Copy this page for Keypads 09 - 16 NOTE: ELK-M1G supports 16 keypads, ELK-M1 supports 4 keyapds.]

Options

Menu 12 - System Report Codes

Option	* Description *	Range	* Programming Settings
01	AC Failure Delay in sec.	000-255	___
02	AC Failure Report Code	00-FF	___
03	Auto Test Code	00-FF	___
04	Auto Test Time Hour:Min	00:00	___
05	Days between Auto Tests	000-255	___
06	Aux. Overcurrent Report Code	00-FF	___
07	Exp. Module Trouble	00-FF	___
08	Installer Programming Begin	00-FF	___
09	Installer Programming End	00-FF	___
10	Event Log 80% Full	00-FF	___
11	System Low Battery	00-FF	___
12	System Memory Error	00-FF	___
13	RP Download Ended	00-FF	___
14	Telephone Line Fault	00-FF	___
15	Output 2 Supervisory Trouble	00-FF	___

Options

Menu 13-User Report Codes

Option	* Description *	Range	* Programming Settings											
			UR001	002	003	004	005	006	007	008	009	010	011	012
	Select User ----->													
Open		00-FF	___	___	___	___	___	___	___	___	___	___	___	___
Close		00-FF	___	___	___	___	___	___	___	___	___	___	___	___

[Copy this page for additional Users 013 - 099, 100, and 101 NOTE: User 100 is the Installer and user 101 is the RP computer]

Options

