

MAXSYSTM

PC4010 v3.0 • Programming Worksheets

DLS-2 v1.3

Table of Contents

Section 1: System Overview	2
 Section 2: System Area Programming	4
SYSTEM AREA	4
Installer Options	4
Event Messages	4
System Options	5
DLS Section	6
Communicator	7
SW AUX Output	12
Main Bell Output	12
PGM Outputs	12
System Label	13
Event Scheduling	14
Function Keys	18
AML Options	19
 Section 3: Partition Area Programming	21
PARTITION AREA	21
Add/Edit Par	21
Delete Partition	23
Copy Partition	23
 Appendix A: ASCII Characters	24

System Overview

S e c t i o n 1

Physical Location

Main Panel _____

	<i>Partition (1-4)</i>	<i>Global Keypad</i>	<i>Physical Location</i>
Escort4580	_____	_____	_____

Keypad

01	_____	_____	_____
02	_____	_____	_____
03	_____	_____	_____
04	_____	_____	_____
05	_____	_____	_____
06	_____	_____	_____
07	_____	_____	_____
08	_____	_____	_____
09	_____	_____	_____
10	_____	_____	_____
11	_____	_____	_____
12	_____	_____	_____
13	_____	_____	_____
14	_____	_____	_____
15	_____	_____	_____
16	_____	_____	_____

Expander

*Zones Assigned
(009-064)*

*PC4108A
PC4116
PC4164-RS*

Physical Location

01	_____	_____	_____
02	_____	_____	_____
03	_____	_____	_____
04	_____	_____	_____
05	_____	_____	_____
06	_____	_____	_____
07	_____	_____	_____
08	_____	_____	_____
09	_____	_____	_____
10	_____	_____	_____
11	_____	_____	_____
12	_____	_____	_____
13	_____	_____	_____
14	_____	_____	_____

01	
02	
03	
04	
05	
06	
07	
08	

08 | _____

09 | _____

10 | _____

11 | _____

12 | _____

13 | _____

15 | _____

16 | _____

01 | _____ | _____

02 | _____ | _____

03 | _____ | _____

04 | _____ | _____

05 | _____ | _____

06		
07		
08		
09		

01 | _____

02 | _____

03 | _____

04 | _____

01	
02	
03	
04	
05	
06	
07	
08	

09 | _____

10 | _____

11 | _____

12 | _____

13 | _____

14 | _____

15 | _____

16 | _____

System Area Programming

S e c t i o n 2

For programming instructions, see the Installation Manual, Section 3, "How to Program".

Reference #

SYSTEM AREA

Installer Options

[000000]

Installer's Code

Default

4 Digit Code 4010 | | | | or

6 Digit Code 401000 | | | | | |

[000001]

Grand Master Code

4 Digit Code 1234 | | | | or

6 Digit Code 123456 | | | | | |

[000002]

2nd Grand Master Code

4 Digit Code AAAA | | | | or

6 Digit Code AAAA00 | | | | | |

[000003]

Walk Test Code

4 Digit Code AAAA | | | | or

6 Digit Code AAAA00 | | | | | |

[000004]

Guard Code

Partitions

1 2 3 4

Partitions YYY | | | |

4 Digit Code AAAA | | | | or

6 Digit Code AAAA00 | | | | | |

[000005]

Installer's Lockout

Disabled ☐ Enabled ☐ Disabled

Event Messages

[000100]

Fail to Arm (Press [★] for options below)

Default

System Has | | | | | | | | | | | | | | | |

Failed To Arm | | | | | | | | | | | | | | | |

[000101]

Alarm When Armed (Press [★] for options below)

Alarm Occurred | | | | | | | | | | | | | | | |

While Armed | | | | | | | | | | | | | | | |

[000102]

4701 2W Smoke (Press [★] for options below)

2 Wire Smoke | | | | | | | | | | | | | | | |

[000103]

4701 Waterflow (Press [★] for options below)

Waterflow | | | | | | | | | | | | | | | |

[000104]

Zone Tamper (Press [★] for options below)

Zone Tamper <> | | | | | | | | | | | | | | | |

[000105]

Zone Fault (Press [★] for options below)

Zone Fault <> | | | | | | | | | | | | | | | |

[0] Clear Display

[2] Change Case

[4] Cancel and Exit

[1] Clear to End

[3] ASCII Entry

[5] Save

Reference #

System Options

[000200]

System Toggles

	Default	Y(Yes)/N(No)		Default	Y(Yes)/N(No)
New Grand Mstr	Y	☐	Global [P] Key	Y	☐
Power up Shunt	Y	☐	Global Clock	Y	☐
AC Trouble	Y	☐	Glob Kypd Lock	N	☐
60 Hz AC	Y	☐	Global Trouble	Y	☐
Crystal Time	N	☐	Global Alarms	N	☐
AC Inhibit Arm	N	☐	Globl Sys Stat	N	☐
DC Inhibit Arm	N	☐	Global Entry	N	☐
Memory Display	N	☐	Kypd #1 Global	N	☐
Bypass Display	N	☐	Zone 1 Fast	N	☐
Bell Shutdown	Y (N on CF)	☐ (Cannot be changed on CF)	Inv Cmd Out #1	N	☐
Follows+Alarms	N	☐	Inv Cmd Out #2	Y	☐
6 Digit Codes	N	☐	Inv Cmd Out #3	N	☐
Hourly Print	N	☐	Inv Cmd Out #4	N	☐
Military Time	N	☐	Inv Cmd Out #5	N	☐
Tbl Req Code	N (Y on CF)	☐ (Cannot be changed on CF)	Inv Cmd Out #6	N	☐
Tmp /Flt Opn Zn	Y	☐	Inv Cmd Out #7	N	☐
Fire Timeout	Y	☐	Inv Cmd Out #8	N	☐
Keypad Tamper	N	☐	Kypd Blanking	N	☐
Tamper Inhibit	N	☐	Kpd Blnk Rq Cd	N	☐
Device Tmp Dis	Y	☐	RF Jam Detect	N	☐
Sys.Flt.Squawk	N	☐	Audible AC Tbl	N	☐
Code Display	Y	☐	Latch Troubles	N	☐
Global [F] Key	Y	☐	2WS AutoVerify	N	☐
Global [A] Key	Y	☐			

[000201]

Keypad Toggles

	Default	Y(Yes)/N(No)		Default	Y(Yes)/N(No)
[F] Bell	Y	☐	[A] Buzzer	N	☐
[F] Pulse Bell	Y	☐	[P] Bell	N	☐
[F] Buzzer	Y	☐	[P] Pulse Bell	N	☐
[A] Bell	N	☐	[P] Buzzer	N	☐
[A] Pulse Bell	N	☐			

Reference

Keypad Lockout

Default

[00020200]	Total Bad Codes	005	<u> </u> <u> </u> <u> </u> <u> </u>	(000 - 255 codes)
[00020201]	Lockout Duration	015	<u> </u> <u> </u> <u> </u> <u> </u>	(000 - 255 minutes)
System Times				
[00020300]	Bell Cutoff	004	<u> </u> <u> </u> <u> </u> <u> </u>	(000 - 255 minutes)
[00020301]	Police Code Time	060	<u> </u> <u> </u> <u> </u> <u> </u>	(000 - 255 minutes)
[00020302]	Keypad Timeout	020	<u> </u> <u> </u> <u> </u> <u> </u>	(020 - 255 seconds)
[00020303]	Daylight Savings	0000	<u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u>	(MM/D/W)*
[00020304]	Standard Time	0000	<u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u>	(MM/D/W)*
[00020305]	Postpone Arm	000	<u> </u> <u> </u> <u> </u> <u> </u>	(000 - 255 minutes)
[00020306]	Guard Delay	000	<u> </u> <u> </u> <u> </u> <u> </u>	(000 - 255 minutes)
[00020307]	Guard Duration	000	<u> </u> <u> </u> <u> </u> <u> </u>	(000 - 255 minutes)
[00020308]	Clock Adjust	060	<u> </u> <u> </u> <u> </u> <u> </u>	(000 - 255 seconds)
[00020309]	Fire Silence Del	000	<u> </u> <u> </u> <u> </u> <u> </u>	(000 - 255 minutes)
[00020310]	AC Failure Delay	000	<u> </u> <u> </u> <u> </u> <u> </u>	(000 - 255 minutes)
[00020311]	Waterflow Delay	000	<u> </u> <u> </u> <u> </u> <u> </u>	(000 - 255 seconds)

* MM = Month (01-12), D = Day (1-7), W = Week (1-5).

[000204] Zone Supervision

- ☐ No EOL
- ☐ Single EOL
- ☐ Double EOL

DLS Section

[000300] DLS Toggles

	<i>Default</i>	<i>Y/N</i>		<i>Default</i>	<i>Y/N</i>
DLS Enabled	<i>N</i>	☐	DLS Callback	<i>N</i>	☐
User Call Up	<i>N</i>	☐	Periodic DLS	<i>N</i>	☐
Double Call	<i>N</i>	☐	User Enabs DLS	<i>Y</i>	☐

Periodic Callup

[00030100] Periodic Tx Days 030 (000 - 255 days)

[00030101] Periodic Tx Time 0000 (HHMM)

[000302] Phone Number (31 digits entry, press [★] for options below)

A horizontal number line with 21 tick marks, representing integers from -20 to 20. The tick marks are evenly spaced and extend across the width of the page.

- | | | |
|--------------|---------------------|--------------|
| [0] Save | [2] Pause 2 Seconds | [4] DTMF [★] |
| [1] Dialtone | [3] Pause 4 Seconds | [5] DTMF [#] |

[000303] **Panel ID Code** 4911 | | | | |

[000304] **Access Code** 4910 | | | | | |

[000305] **2 Call Timer** 060 | | | | (000 - 255 seconds)

[000306] # of Rings 008 (000 - 255)

[000307] Enable PC-Link

Reference

Communicator

Main Items

1st Number

[0004000000] Pgm Tel Number (31 digits entry, press [★] for options below)

- | | | |
|--------------|---------------------|--------------|
| [0] Save | [2] Pause 2 Seconds | [4] DTMF [★] |
| [1] Dialtone | [3] Pause 4 Seconds | [5] DTMF [#] |

[0004000001] Comms Format

Comms Format

Default: 01

- | | | | |
|------------------|----------------------|--------------|--------------|
| [00] 20 Bps 1400 | [02] DTMF Contact ID | [04] Pager 1 | [06] Pager 3 |
| [01] 20 Bps 2300 | [03] SIA Fsk Format | [05] Pager 2 | |

[0004000002] Dialer Direction

Dialer Direction

Default Y/N

- | | | |
|-----------------|---|--------------------------|
| Alarm / Restore | Y | ☐ |
| Open / Close | Y | ☐ |
| All Others | Y | ☐ |

2nd Number

[0004000100] Pgm Tel Number (31 digits entry, press [★] for options below)

- | | | |
|--------------|---------------------|--------------|
| [0] Save | [2] Pause 2 Seconds | [4] DTMF [★] |
| [1] Dialtone | [3] Pause 4 Seconds | [5] DTMF [#] |

[0004000101] Comms Format

Comms Format

Default: 01

- | | | | |
|------------------|----------------------|--------------|--------------|
| [00] 20 Bps 1400 | [02] DTMF Contact ID | [04] Pager 1 | [06] Pager 3 |
| [01] 20 Bps 2300 | [03] SIA Fsk Format | [05] Pager 2 | |

[0004000102] Dialer Direction

Dialer Direction

Default Y/N

- | | | |
|-----------------|-----|---------------|
| Alarm / Restore | N | <u> </u> |
| Open / Close | N | <u> </u> |
| All Others | N | <u> </u> |

3rd Number

[0004000200] Pgm Tel Number (31 digits entry, press [★] for options below)

- | | | |
|--------------|---------------------|--------------|
| [0] Save | [2] Pause 2 Seconds | [4] DTMF [★] |
| [1] Dialtone | [3] Pause 4 Seconds | [5] DTMF [#] |

[0004000201] Comms Format

Comms Format

Default: 01

- | | | | |
|------------------|----------------------|--------------|--------------|
| [00] 20 Bps 1400 | [02] DTMF Contact ID | [04] Pager 1 | [06] Pager 3 |
| [01] 20 Bps 2300 | [03] SIA Fsk Format | [05] Pager 2 | |

[0004000202] Dialer Direction

Dialer Direction

Default Y/N

- | | | |
|-----------------|-----|---|
| Alarm / Restore | N |  |
| Open / Close | N | |
| All Others | N |  |

[00040003] **System Account #**

System Account #

4 Digit Code *FFFF*

--	--	--	--

 or

6 Digit Code *FFFFFF*

Reference

[000401]

Comms Toggles

	Default	Y/N		Default	Y/N
Comms Enabled	Y	☐	Europe Dial	N	☐
DTMF Dialing	Y	☐	Default Dial	Y (N on CF)	☐
Restore On BTO	Y	☐	Ph 1-2 Backup	N	☐
Rest On Disarm	N	☐	Ph 1-3 Backup	N	☐
Shutdown 24hrs	N	☐	Ph 2-3 Backup	N	☐
PC ID	N	☐	Busy Tone Det.	N	☐
PC On Auto Arm	Y	☐	1300 Hz I.D.	N	☐
PC ID Restores	N	☐	Alternate Dial	N	☐
TLM Enabled	Y	☐ (Cannot be changed on CF)	SIA 1 Account#	Y	☐
TLM Aud Bell	Y	☐	AutoReport SIA	N	☐
FTC Aud Bell	N	☐	Test TX in Min	N	☐
TLM + Alarm Aud	N	☐	TX Del in Min	N	☐
Ringback	N	☐	6 Digit Acct	N	☐
Ringback Sqwk	N	☐	2nd Line Flash	N	☐
Periodic Test	N	☐			

Comms Misc

	Default	
[00040200] DTMF Attempts	004	(000 - 255)
[00040201] Swinger Limit	003	(000 - 255)
[00040202] AC Fail Tx Delay	0700	(HHMM)
[00040203] Zone TX Delay	000	(000 - 255 seconds)

Test Code TX

	Default	
[0004020400] Periodic Tx Days	030	(000 - 255 days)
[0004020401] Periodic Tx Time	0000	(HHMM)
[00040205] Busy Tone Delay	060	(000 - 255 seconds)
[00040206] TLM Tbl Delay	003	(000 - 255 checks)
[00040207] Dial Attempts #1	010	(000 - 255)
[00040208] Dial Attempts #2	010	(000 - 255)
[00040209] Dial Attempts #3	010	(000 - 255)
[00040210] Dialing Delay	020	(000 - 255 seconds)
[00040211] 4164 Low Bat Dly	007	(000 - 255 days)

This page is a template for numerous programming sections. Photocopy this sheet before use.

Reference #

Reporting Codes

- [00040300]** ☐ Zone Alarm (Zone XXX Alarm, XXX = 001-064)
- [00040301]** ☐ Zone Restore (Zone XXX Restore, XXX = 001-064)
- [00040302]** ☐ Zone Trouble/Tamper (Zone XXX Trouble, XXX = 001-064)
- [00040303]** ☐ Zone Trouble/Tamper Rest. (Zone XXX Trb.Res., XXX = 001-064)
- [00040304]** ☐ Zone Fault (Zone XXX Fault, XXX = 001-064)
- [00040305]** ☐ Zone Fault Rest. (Zone XXX Fault Res., XXX = 001-064)

Zone	Zone	Zone	Zone
001	017	033	049
002	018	034	050
003	019	035	051
004	020	036	052
005	021	037	053
006	022	038	054
007	023	039	055
008	024	040	056
009	025	041	057
010	026	042	058
011	027	043	059
012	028	044	060
013	029	045	061
014	030	046	062
015	031	047	063
016	032	048	064

Reference #**[00040306]****[F] [A] [P] Keys**

[F] Key Alarm	_____ *	[A]Key Alarm	_____	[P] Key Alarm	_____
[F] Key Restore	_____ *	[A]Key Restore	_____	[P] Key Restore	_____

[00040307]**Misc Alarms**

Duress Code	_____	Police Code (Cross Zone) Alarm	_____		
Open After Alarm	_____	Door Forced	_____	Opn Too Lng	_____
Recent Closing	_____	Door Forced Rest	_____	Opn Too Lng Res	_____

[00040308]**Misc Tampers**

General System Tamper	_____	Gen Sys Tmp Restore	_____	Keypad Lock Out	_____
-----------------------	-------	---------------------	-------	-----------------	-------

[00040309]**Fire Events**

2 Wire Alarm	_____ *	2 Wire Trouble	_____ *	Fire Test Begin	_____
2 Wire Restore	_____ *	2 Wire TBL Rest.	_____ *	Fire Test End	_____
Waterflow Alarm	_____ *	Waterflow TBL	_____ *	Fire Bypass	_____
Waterflow Rest.	_____ *	Waterflw TBL Rest	_____ *	Fire Unbypass	_____

* 99 by default on CF panels. 00 or FF are not valid entries.

[00040310]**Closings**

User	User	User	User	User	User	User	User
001 _____	017 _____	033 _____	049 _____	065 _____	081 _____	097 _____	113 _____
002 _____	018 _____	034 _____	050 _____	066 _____	082 _____	098 _____	114 _____
003 _____	019 _____	035 _____	051 _____	067 _____	083 _____	099 _____	115 _____
004 _____	020 _____	036 _____	052 _____	068 _____	084 _____	100 _____	116 _____
005 _____	021 _____	037 _____	053 _____	069 _____	085 _____	101 _____	117 _____
006 _____	022 _____	038 _____	054 _____	070 _____	086 _____	102 _____	118 _____
007 _____	023 _____	039 _____	055 _____	071 _____	087 _____	103 _____	119 _____
008 _____	024 _____	040 _____	056 _____	072 _____	088 _____	104 _____	120 _____
009 _____	025 _____	041 _____	057 _____	073 _____	089 _____	105 _____	121 _____
010 _____	026 _____	042 _____	058 _____	074 _____	090 _____	106 _____	122 _____
011 _____	027 _____	043 _____	059 _____	075 _____	091 _____	107 _____	123 _____
012 _____	028 _____	044 _____	060 _____	076 _____	092 _____	108 _____	124 _____
013 _____	029 _____	045 _____	061 _____	077 _____	093 _____	109 _____	125 _____
014 _____	030 _____	046 _____	062 _____	078 _____	094 _____	110 _____	126 _____
015 _____	031 _____	047 _____	063 _____	079 _____	095 _____	111 _____	127 _____
016 _____	032 _____	048 _____	064 _____	080 _____	096 _____	112 _____	128 _____

[00040311]**Misc Closings**

Closing 129-1000	_____	AutoArm Cancel	_____	Automatic Close	_____
Partial Closing	_____	Special Closing	_____		

[00040312]**Partition Close**

Partition 1 Clos	_____	Partition 3 Clos	_____
Partition 2 Clos	_____	Partition 4 Clos	_____

Reference

[00040313]

Openings

User	User	User	User	User	User	User	User
001	017	033	049	065	081	097	113
002	018	034	050	066	082	098	114
003	019	035	051	067	083	099	115
004	020	036	052	068	084	100	116
005	021	037	053	069	085	101	117
006	022	038	054	070	086	102	118
007	023	039	055	071	087	103	119
008	024	040	056	072	088	104	120
009	025	041	057	073	089	105	121
010	026	042	058	074	090	106	122
011	027	043	059	075	091	107	123
012	028	044	060	076	092	108	124
013	029	045	061	077	093	109	125
014	030	046	062	078	094	110	126
015	031	047	063	079	095	111	127
016	032	048	064	080	096	112	128

[00040314]

Misc Openings

Opening 129-1000 | | | Special Opening | | | Automatic Open | | |

[00040315]

Partition Open

Partition 1 Open | | | Partition 3 Open | | |
 Partition 2 Open | | | Partition 4 Open | | |

[00040316]

Sys Maintenance

Panel Batt Tbl *	TLM Restore *	Ins Lead In
Panel AC Tbl *	TLM Rest Line 2 *	Ins Lead Out
System Bell Tbl *	FTC Restoral	Closing Delinq
Panel Aux Tbl *	Buffer Near Full	Wlk Tst Lead In
Panel Batt Rest *	User System Test	Wlk Tst Lead Out
Panel AC Rest *	Periodic Test *	Gen Sys Tbl
System Bell Rest *	LINKS Test	Gen Sys Tbl Rest
Panel Aux Rest *	Periodic Tst Tbl *	WLS LowBatt Tbl
Combus Trouble	GND Fault Tbl *	WLS LowBatt Rest
Combus Restore	GND Fault Rest *	Gen Mod Com Flt
TLM Failure *	DLS Lead In	Gen Mod Com Rest
TLM Fail Line 2 *	DLS Lead Out	

* 99 by default on CF panels. 00 or FF are not valid entries.

Reference

LINKS 1000

[00040400] 1st Number (31 digits entry, press [★] for options below)

[00040401] 2nd Number (31 digits entry, press [★] for options below)

[00040402] 3rd Number (31 digits entry, press [★] for options below)

[00040403] DLS Number (31 digits entry, press [★] for options below)

[0] Save [2] Pause 2 Seconds [4] DTMF [★]

[1] Dialtone [3] Pause 4 Seconds [5] DTMF [#]

[00040404] LINKS Toggles

Default Y/N

LINKS Module	N	$\frac{1}{N}$
1	1	1
2	2	0.5
3	3	0.33
4	4	0.25
5	5	0.2
6	6	0.17
7	7	0.14
8	8	0.13
9	9	0.11
10	10	0.1
11	11	0.09
12	12	0.08
13	13	0.08
14	14	0.07
15	15	0.07
16	16	0.06
17	17	0.06
18	18	0.06
19	19	0.05
20	20	0.05
21	21	0.05
22	22	0.05
23	23	0.04
24	24	0.04
25	25	0.04
26	26	0.04
27	27	0.04
28	28	0.04
29	29	0.03
30	30	0.03
31	31	0.03
32	32	0.03
33	33	0.03
34	34	0.03
35	35	0.03
36	36	0.03
37	37	0.03
38	38	0.03
39	39	0.03
40	40	0.02
41	41	0.02
42	42	0.02
43	43	0.02
44	44	0.02
45	45	0.02
46	46	0.02
47	47	0.02
48	48	0.02
49	49	0.02
50	50	0.02
51	51	0.02
52	52	0.02
53	53	0.02
54	54	0.02
55	55	0.02
56	56	0.02
57	57	0.02
58	58	0.02
59	59	0.02
60	60	0.02
61	61	0.02
62	62	0.02
63	63	0.02
64	64	0.02
65	65	0.02
66	66	0.02
67	67	0.02
68	68	0.02
69	69	0.02
70	70	0.02
71	71	0.02
72	72	0.02
73	73	0.02
74	74	0.02
75	75	0.02
76	76	0.02
77	77	0.02
78	78	0.02
79	79	0.02
80	80	0.02
81	81	0.02
82	82	0.02
83	83	0.02
84	84	0.02
85	85	0.02
86	86	0.02
87	87	0.02
88	88	0.02
89	89	0.02
90	90	0.02
91	91	0.02
92	92	0.02
93	93	0.02
94	94	0.02
95	95	0.02
96	96	0.02
97	97	0.02
98	98	0.02
99	99	0.02
100	100	0.02

Periodic Test N 1

[00040405] Tx Cycle Days 030 (000 - 255 days)

[00040406] Tx Cycle Time 0000 (HHMM)

[000405] LINKS 2XXX

Default Y/N

LINKS 2XXX N * _____

Open / Close N^*

Alarm / Restore N^*

All Others	N^*	<u> </u>
------------	-------	-----------------

* On CF panels, default is Y.

Output

le #	Pulse Timer
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
26	100
27	100
28	100
29	100
30	100
31	100
32	100
33	100
34	100
35	100
36	100
37	100
38	100
39	100
40	100
41	100
42	100
43	100
44	100
45	100
46	100
47	100
48	100
49	100
50	100
51	100
52	100
53	100
54	100
55	100
56	100
57	100
58	100
59	100
60	100
61	100
62	100
63	100
64	100
65	100
66	100
67	100
68	100
69	100
70	100
71	100
72	100
73	100
74	100
75	100
76	100
77	100
78	100
79	100
80	100
81	100
82	100
83	100
84	100
85	100
86	100
87	100
88	100
89	100
90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

[0005] SAUX+ Output

	<i>Output</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>Zone</i>	<i>Schedule #</i>	<i>Pulse Timer</i>
<i>Default</i>	<i>3 9</i>	<i>Y</i>	<i>N</i>	<i>N</i>	<i>N</i>			<i>0 0 5</i>

[0006] Main Bell Output

<i>Default</i>	0 0	Y N N N	0 0 0
----------------	-----	---------	-------

[000700] PGM1 Output

<i>Default</i>	3 8	Y N N N	0 0 0
----------------	-----	---------	-------

List of Output Options

[00] Fire and Burg	[15] Failure to Comm	[30] Zn. Tamp. Follow	[45] Command Output 8
[01] Inv Fire/Burg	[16] Comms Active	[31] Zn. Fault Follow	[46] Police Output
[02] Burg Only	[17] Ground Start	[32] Armed Stay Mode	[47] Holdup Output
[03] Inv Burg Only	[18] Kissoff Output	[33] Armed Away Mode	[48] Fire Zone Tbl.
[04] Fire Only	[19] Combust Power	[34] 2W Smoke Alarm	[49] Steady Fire
[05] Inv Fire Only	[20] Ready Status	[35] 2W Smoke Trouble	[50] Temporal Fire
[06] Arm Status	[21] Zone Alarm	[36] Waterflow Alarm	[51] CSFM Fire
[07] Inv Arm Status	[22] Zone Follow	[37] Waterflow Tbl.	[52] Pulsed Fire
[08] Date Schedule	[23] Duress Output	[38] Command Output 1	[53] Fire Strobe
[09] Latched Strobe	[24] Buzzer Follow	[39] Command Output 2	[54] Ground Fault
[10] Trouble Output	[25] Remote Operation	[40] Command Output 3	[55] Common Fire Tbl.
[11] Courtesy Pulse	[26] Exit Follow	[41] Command Output 4	[56] Bell Trouble
[12] Chime Follower	[27] Entry Follow	[42] Command Output 5	[57] AC Status
[13] TLM only	[28] Zone Tamper	[43] Command Output 6	[58] Par Stat Alm Mem
[14] TLM and Alarm	[29] Zone Fault	[44] Command Output 7	

Reference

[000706]

PGM Pulse Times

Default

[00070600]

Kissoff Pulse

003

(000 - 255 seconds)

[00070601]

Ground Start

000

(000 - 255 seconds)

[00070602]

Chime Pulse

002

(000 - 255 seconds)

[00070603]

Duress Pulse

005

(000 - 255 seconds)

[0009]

System Label (Press [★] for options below)

Default: System Area

[0] Clear Display

[2] Change Case

[4] Cancel and Exit

[1] Clear to End

[3] ASCII Entry

[5] Save

Photocopy this sheet before use if you have more than eight Date Schedules to program.

Reference #

Date Schedules

[001001XXYY]

Select Entry

- Enter Date Schedule #, XX = 02-99
- Enter Interval, YY = 01-04

Set Start Time(Default: 0000, HHMM)

Set End Time (Default: 0000, HHMM)

Select Toggle (Default: N, N = No, Y = Yes)

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Holiday 1
- Holiday 2
- Holiday 3
- Holiday 4
- Autoarm?
- AutoDisarm?

Date Sch# / (XX=02-99) Interval (01-04)	Start Time (HHMM)	End Time (HHMM)	Day (Y/N) S M T W T F S	Holiday(Y/N) 1 2 3 4	Autoarm? (Y/N)	AutoDisarm? (Y/N)
[001001XX01]						
[001001XX02]						
[001001XX03]						
[001001XX04]						
[001001XX01]						
[001001XX02]						
[001001XX03]						
[001001XX04]						
[001001XX01]						
[001001XX02]						
[001001XX03]						
[001001XX04]						
[001001XX01]						
[001001XX02]						
[001001XX03]						
[001001XX04]						
[001001XX01]						
[001001XX02]						
[001001XX03]						
[001001XX04]						
[001001XX01]						
[001001XX02]						
[001001XX03]						
[001001XX04]						
[001001XX01]						
[001001XX02]						
[001001XX03]						
[001001XX04]						
[001001XX01]						
[001001XX02]						
[001001XX03]						
[001001XX04]						
[001001XX01]						
[001001XX02]						
[001001XX03]						
[001001XX04]						

Reference

Arm/Disarm Sched

Arm/Disarm
Sch# 01-50Date Sch#
(00-99)Partition
1 2 3 4

Default:

01

N N N N

[00100301]				
[00100302]				
[00100303]				
[00100304]				
[00100305]				
[00100306]				
[00100307]				
[00100308]				
[00100309]				
[00100310]				
[00100311]				
[00100312]				
[00100313]				
[00100314]				
[00100315]				
[00100316]				
[00100317]				
[00100318]				
[00100319]				
[00100320]				
[00100321]				
[00100322]				
[00100323]				
[00100324]				
[00100325]				
[00100326]				
[00100327]				
[00100328]				
[00100329]				
[00100330]				
[00100331]				
[00100332]				
[00100333]				
[00100334]				
[00100335]				
[00100336]				
[00100337]				
[00100338]				
[00100339]				
[00100340]				
[00100341]				
[00100342]				
[00100343]				
[00100344]				
[00100345]				
[00100346]				
[00100347]				
[00100348]				
[00100349]				
[00100350]				

Function Keys

Reference

Keypad #01 Option (00-26)

[00120101] ☐ ☐ ☐
 [00120102] ☐ ☐ ☐
 [00120103] ☐ ☐ ☐
 [00120104] ☐ ☐ ☐
 [00120105] ☐ ☐ ☐

Keypad #02

[00120201] ☐ ☐ ☐
 [00120202] ☐ ☐ ☐
 [00120203] ☐ ☐ ☐
 [00120204] ☐ ☐ ☐
 [00120205] ☐ ☐ ☐

Keypad #03

[00120301] ☐ ☐ ☐
 [00120302] ☐ ☐ ☐
 [00120303] ☐ ☐ ☐
 [00120304] ☐ ☐ ☐
 [00120305] ☐ ☐ ☐

Keypad #04

[00120401] ☐ ☐ ☐
 [00120402] ☐ ☐ ☐
 [00120403] ☐ ☐ ☐
 [00120404] ☐ ☐ ☐
 [00120405] ☐ ☐ ☐

Keypad #05

[00120501] ☐ ☐ ☐
 [00120502] ☐ ☐ ☐
 [00120503] ☐ ☐ ☐
 [00120504] ☐ ☐ ☐
 [00120505] ☐ ☐ ☐

Keypad #06

[00120601] ☐ ☐ ☐
 [00120602] ☐ ☐ ☐
 [00120603] ☐ ☐ ☐
 [00120604] ☐ ☐ ☐
 [00120605] ☐ ☐ ☐

Keypad #07

[00120701] ☐ ☐ ☐
 [00120702] ☐ ☐ ☐
 [00120703] ☐ ☐ ☐
 [00120704] ☐ ☐ ☐
 [00120705] ☐ ☐ ☐

Keypad #08

[00120801] ☐ ☐ ☐
 [00120802] ☐ ☐ ☐
 [00120803] ☐ ☐ ☐
 [00120804] ☐ ☐ ☐
 [00120805] ☐ ☐ ☐

Reference

Keypad #09 Option (00-26)

[00120901] ☐ ☐ ☐
 [00120902] ☐ ☐ ☐
 [00120903] ☐ ☐ ☐
 [00120904] ☐ ☐ ☐
 [00120905] ☐ ☐ ☐

Keypad #10

[00121001] ☐ ☐ ☐
 [00121002] ☐ ☐ ☐
 [00121003] ☐ ☐ ☐
 [00121004] ☐ ☐ ☐
 [00121005] ☐ ☐ ☐

Keypad #11

[00121101] ☐ ☐ ☐
 [00121102] ☐ ☐ ☐
 [00121103] ☐ ☐ ☐
 [00121104] ☐ ☐ ☐
 [00121105] ☐ ☐ ☐

Keypad #12

[00121201] ☐ ☐ ☐
 [00121202] ☐ ☐ ☐
 [00121203] ☐ ☐ ☐
 [00121204] ☐ ☐ ☐
 [00121205] ☐ ☐ ☐

Keypad #13

[00121301] ☐ ☐ ☐
 [00121302] ☐ ☐ ☐
 [00121303] ☐ ☐ ☐
 [00121304] ☐ ☐ ☐
 [00121305] ☐ ☐ ☐

Keypad #14

[00121401] ☐ ☐ ☐
 [00121402] ☐ ☐ ☐
 [00121403] ☐ ☐ ☐
 [00121404] ☐ ☐ ☐
 [00121405] ☐ ☐ ☐

Keypad #15

[00121501] ☐ ☐ ☐
 [00121502] ☐ ☐ ☐
 [00121503] ☐ ☐ ☐
 [00121504] ☐ ☐ ☐
 [00121505] ☐ ☐ ☐

Keypad #16

[00121601] ☐ ☐ ☐
 [00121602] ☐ ☐ ☐
 [00121603] ☐ ☐ ☐
 [00121604] ☐ ☐ ☐
 [00121605] ☐ ☐ ☐

List of Options

- [00] Null Key
- [01] Stay Arm (Key 1 default)
- [02] Away Arm (Key 2 default)
- [03] No-Entry Arm
- [04] Chime On / Off (Key 3 default)
- [05] System Test
- [06] Bypass Mode
- [07] Trouble Display
- [08] Alarm Memory
- [09] User Programming
- [10] User Functions
- [11] Quick Exit (Key 5 default)
- [12] Arm Interior
- [13] Command O / P 1
- [14] Command O / P 2 (Key 4 default)
- [15] Command O / P 3
- [16] Command O / P 4
- [17] Command O / P 5
- [18] Command O / P 6
- [19] Command O / P 7
- [20] Command O / P 8
- [21] Silence Trouble
(Key 1 default for CF only)
- [22] Silence Bells
(Key 2 default for CF only)
- [23] Fire Reset
(Key 3 default for CF only)
- [24] Fire Drill
(Key 4 default for CF only)
- [25] Lamp Test
(Key 5 default for CF only)
- [26] Fire Insp Tst

Reference

AML Options

[001400] **AML Toggles** *Default* *Y / N*
 PGM1 AML? *N*

[001401] **AML Key**
 Enter 00-FF *00*

[001402] **AML Smk Tst Sch**

Date Sch# *Partition*
(00-99) *1 2 3 4*
Default: 01 N N N N

Reference # *Date Sch#* *Partition*
(00-99) *1 2 3 4*
Default: 01 N N N N

[00140201]

[00140202]

[00140203]

[00140204]

[00140205]

[00140206]

[00140207]

[00140208]

[00140209]

[00140210]

[00140211]

[00140212]

[00140213]

[00140214]

[00140215]

[00140216]

[00140217]

[00140218]

[00140219]

[00140220]

[00140221]

[00140222]

[00140223]

[00140224]

[00140225]

[00140226]

[00140227]

[00140228]

[00140229]

[00140230]

[00140231]

[00140232]

[00140233]

[00140234]

[00140235]

[00140236]

[00140237]

[00140238]

[00140239]

[00140240]

[00140241]

[00140242]

[00140243]

[00140244]

[00140245]

[00140246]

[00140247]

[00140248]

[00140249]

[00140250]

Reference #**[00140300]**

Enroll Device

	<i>Serial Number</i>	<i>Zone (009-064)</i>	<i>PGM1</i>
001	_ _ _ _	_ _ _	_ _
002	_ _ _ _	_ _ _	_ _
003	_ _ _ _	_ _ _	_ _
004	_ _ _ _	_ _ _	_ _
005	_ _ _ _	_ _ _	_ _
006	_ _ _ _	_ _ _	_ _
007	_ _ _ _	_ _ _	_ _
008	_ _ _ _	_ _ _	_ _
009	_ _ _ _	_ _ _	_ _
010	_ _ _ _	_ _ _	_ _
011	_ _ _ _	_ _ _	_ _
012	_ _ _ _	_ _ _	_ _
013	_ _ _ _	_ _ _	_ _
014	_ _ _ _	_ _ _	_ _
015	_ _ _ _	_ _ _	_ _
016	_ _ _ _	_ _ _	_ _
017	_ _ _ _	_ _ _	_ _
018	_ _ _ _	_ _ _	_ _
019	_ _ _ _	_ _ _	_ _
020	_ _ _ _	_ _ _	_ _
021	_ _ _ _	_ _ _	_ _
022	_ _ _ _	_ _ _	_ _
023	_ _ _ _	_ _ _	_ _
024	_ _ _ _	_ _ _	_ _
025	_ _ _ _	_ _ _	_ _
026	_ _ _ _	_ _ _	_ _
027	_ _ _ _	_ _ _	_ _
028	_ _ _ _	_ _ _	_ _

	<i>Serial Number</i>	<i>Zone (009-064)</i>	<i>PGM1</i>
029	_ _ _ _	_ _ _	_ _
030	_ _ _ _	_ _ _	_ _
031	_ _ _ _	_ _ _	_ _
032	_ _ _ _	_ _ _	_ _
033	_ _ _ _	_ _ _	_ _
034	_ _ _ _	_ _ _	_ _
035	_ _ _ _	_ _ _	_ _
036	_ _ _ _	_ _ _	_ _
037	_ _ _ _	_ _ _	_ _
038	_ _ _ _	_ _ _	_ _
039	_ _ _ _	_ _ _	_ _
040	_ _ _ _	_ _ _	_ _
041	_ _ _ _	_ _ _	_ _
042	_ _ _ _	_ _ _	_ _
043	_ _ _ _	_ _ _	_ _
044	_ _ _ _	_ _ _	_ _
045	_ _ _ _	_ _ _	_ _
046	_ _ _ _	_ _ _	_ _
047	_ _ _ _	_ _ _	_ _
048	_ _ _ _	_ _ _	_ _
049	_ _ _ _	_ _ _	_ _
050	_ _ _ _	_ _ _	_ _
051	_ _ _ _	_ _ _	_ _
052	_ _ _ _	_ _ _	_ _
053	_ _ _ _	_ _ _	_ _
054	_ _ _ _	_ _ _	_ _
055	_ _ _ _	_ _ _	_ _
056	_ _ _ _	_ _ _	_ _

[00140301]

Delete Device (Press [★] to select zone)

[00140302]

Default: AML. Confirm Default, Press [★].

Partition Area Programming

S e c t i o n 3

Reference

PARTITION AREA

Add/Edit Par

(XX= Partitions 01-04)

[0100XX00]

Partition Acct #

Default

4 Digit Code FFFF or

6 Digit Code FFFFFFFF

[0100XX01]

Partition Toggle

Default

[F] Enabled Y
[A] Enabled Y
[P] Enabled Y
Display Clock Y
Disp Exit Time Y
Bypas Req Code Y
AutoArm / Disarm Y
AutoArm Req Cd N
AutoArm Squawk N
Bell Squawk N
Keypad Lockout N
Cmd.Out 1 Rq Cd N
Cmd.Out 2 Rq Cd N
Cmd.Out 3 Rq Cd N
Cmd.Out 4 Rq Cd N
Cmd.Out 5 Rq Cd N
Cmd.Out 6 Rq Cd N
Cmd.Out 7 Rq Cd N
Cmd.Out 8 Rq Cd N
[*6] Any Code N
Exit Delay Aud N
Exit Delay Sqk N
Aud.Exit Fault N
Entry Urgency N
Entry Squawk N
Exit Del.Term. N
System Alarms N
System Status N
Sen Rst Cmd#2 Y
Spcl Alm Entry Y
Exit Tbl Beep N

Partition Times

[0100XX0200]

Entry Delay 030
(000 - 255 seconds)

[0100XX0201]

Exit Delay 120 (060 on CF)
(000 - 255 seconds)

[0100XX0202]

Aux Entry Delay 045 (060 on CF)
(000 - 255 seconds)

[0100XX0203]

Aux Exit Delay 120
(000 - 255 seconds)

[0100XX0204]

Delinquency 000
(000 - 255 days)

[0100XX0205]

AutoArm Prealert 001
(000 - 255 minutes)

Part.
NO. Partition
Acct #

[F] Enabled
[A] Enabled
[P] Enabled
Display Clock
Disp Exit Time
Bypas Req Code
AutoArm/Disarm
AutoArm Req Cd
AutoArm Squawk
Bell Squawk
Keypad Lockout
Cmd.Out 1 Rq Cd
Cmd.Out 2 Rq Cd
Cmd.Out 3 Rq Cd
Cmd.Out 4 Rq Cd
Cmd.Out 5 Rq Cd
Cmd.Out 6 Rq Cd
Cmd.Out 7 Rq Cd
Cmd.Out 8 Rq Cd
[*6] Any Code
Exit Delay Aud
Exit Delay Sqk
Aud.Exit Fault
Entry Urgency
Entry Squawk
Exit Del.Term.
System Alarms
System Status
Sen Rst Cmd#2
Spcl Alm Entry
Exit Tbl Beep

Entry Delay

Exit Delay

Aux Entry Delay

Aux Exit Delay

Delinquency

Auto Arm
Prealert

Reference

Zone Assignment

(XX= Partitions 01-04)

- [0100XX0300] Add New Zone
 [0100XX0301] Edit Zone
 [0100XX0302] Delete Zone “ZONE XXX”

Zone Type Default Settings

	Bell Audible	Bell Pulsed	Bypass Enabled	Chime Function	Force Arm	Swgr Shut Down	Tx Delay?	Waterflow Del
[00] Standard Delay	Y	N	Y	Y	N	Y	N	N
[01] Auxiliary Delay	Y	N	Y	Y	Y	Y	N	N
[02] Instant	Y	N	Y	Y	N	Y	N	N
[03] Interior	Y	N	Y	N	N	Y	N	N
[04] Interior Delay	Y	N	Y	N	N	Y	N	N
[05] Int Stay Away	Y	N	Y	N	Y	Y	N	N
[06] Delay Stay Away	Y	N	Y	N	Y	Y	N	N
[07] Standard Fire	Y	Y	N	N	N	N	N	N
[08] Delayed Fire	Y	Y	N	N	N	N	N	N
[09] Auto Ver Fire	Y	Y	N	N	N	N	N	N
[10] Waterflow	Y	Y	N	N	N	N	N	N
[11] Fire Supervis.	N	Y	N	N	N	N	N	N
[12] 24 Hr Bell	Y	N	Y	N	N	N	N	N
[13] 24 Hr Bell/Buzz	Y	N	Y	N	N	N	N	N
[14] 24 Hr Buzzer	Y	N	Y	N	N	N	N	N
[15] 24 Hr Technical	N	N	Y	N	N	N	N	N
[16] 24 Hr Gas	Y	N	Y	N	N	N	N	N
[17] 24 Hr Heat	Y	Y	N	N	N	N	N	N
[18] 24 Hr Medical	N	N	Y	N	N	N	N	N
[19] 24 Hr Emergency	Y	N	Y	N	N	N	N	N
[20] 24 Hr Water	Y	N	Y	N	N	N	N	N
[21] 24 Hr Freeze	Y	N	Y	N	N	N	N	N
[22] 24 Hr Holdup	N	N	N	N	N	N	N	N
[23] 24 Hr Panic	N	N	N	N	N	N	N	N
[24] Latching 24 Hr	Y	N	N	N	N	N	N	N
[25] Momentary Arm	Y	N	N	N	N	N	N	N
[26] Maintained Arm	Y	N	N	N	N	N	N	N
[27] Forced Answer	N	N	Y	N	Y	N	N	N
[28] Links Supervis.	N	N	Y	N	Y	N	N	N
[29] Links Answer	N	N	Y	N	Y	N	N	N

System Zone	Partition				Zone Label	Zone Type	Bell Audible	Bell Pulsed	Bypass Enabled	Chime Function	Force Arm	Swgr Shut Down	TX Delay	Waterflow Del
	1	2	3	4										
001														
002														
003														
004														
005														
006														
007														
008														

If using zone expansion modules, see their respective installation guides for programming worksheets.

Photocopy this sheet before use if you have more than one partition to program.

Reference #

Partition Label (Default: Partition X, Press [★] for options below)

[01000104] Partition 1 Label _____

[01000204] Partition 2 Label _____

[01000304] Partition 3 Label _____

[01000404] Partition 4 Label _____

[0] Clear Display

[2] Change Case

[4] Cancel and Exit

[1] Clear to End

[3] ASCII Entry

[5] Save

(XX= Partitions 01-04)

[0100XX05]

Access Level Sch (Default:01)

Level	Sch.#	Level	Sch.#	Level	Sch.#	Level	Sch.#	Level	Sch.#	Level	Sch.#
(00-99)	(00-99)	(00-99)	(00-99)	(00-99)	(00-99)	(00-99)	(00-99)	(00-99)	(00-99)	(00-99)	(00-99)
02	_____	13	_____	24	_____	34	_____	44	_____	54	_____
03	_____	14	_____	25	_____	35	_____	45	_____	55	_____
04	_____	15	_____	26	_____	36	_____	46	_____	56	_____
05	_____	16	_____	27	_____	37	_____	47	_____	57	_____
06	_____	17	_____	28	_____	38	_____	48	_____	58	_____
07	_____	18	_____	29	_____	39	_____	49	_____	59	_____
08	_____	19	_____	30	_____	40	_____	50	_____	60	_____
09	_____	20	_____	31	_____	41	_____	51	_____	61	_____
10	_____	21	_____	32	_____	42	_____	52	_____	62	_____
11	_____	22	_____	33	_____	43	_____	53	_____	63	_____
12	_____	23	_____								

Cmd O/P Labels (Default: Command Output# X, Press [★] for options below)

[0100XX0601] Command Output 1 _____

[0100XX0602] Command Output 2 _____

[0100XX0603] Command Output 3 _____

[0100XX0604] Command Output 4 _____

[0100XX0605] Command Output 5 _____

[0100XX0606] Command Output 6 _____

[0100XX0607] Command Output 7 _____

[0100XX0608] Command Output 8 _____

[0] Clear Display

[2] Change Case

[4] Cancel and Exit

[1] Clear to End

[3] ASCII Entry

[5] Save

[0101]

Delete Partition

“Partition X” (X = 1-4), [★] to delete {Partition Label}.

[0102]

Copy Partition

From Which Partition? “Partition X” (X = 1-4)

To Which Partition? “Partition X” (X = 1-4)

ASCII Characters

A p p e n d i x A

032	048	064	080	096	112	160	176	192	208	224	240
!	1	A	Q	a	q	°	ア	チ	厶	ä	q
033	049	065	081	097	113	161	177	193	209	225	241
"	2	B	R	b	r	ˆ	イ	ツ	ノ	Ɔ	θ
034	050	066	082	098	114	162	178	194	210	226	242
#	3	C	S	c	s	ˆ	ウ	〒	厶	ε	ω
035	051	067	083	099	115	163	179	195	211	227	243
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1645 Flint Road, Downsview, Ontario, Canada M3J 2J6
(416) 665-8460 • Fax (416) 665-7498 • 1-800-387-3630
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