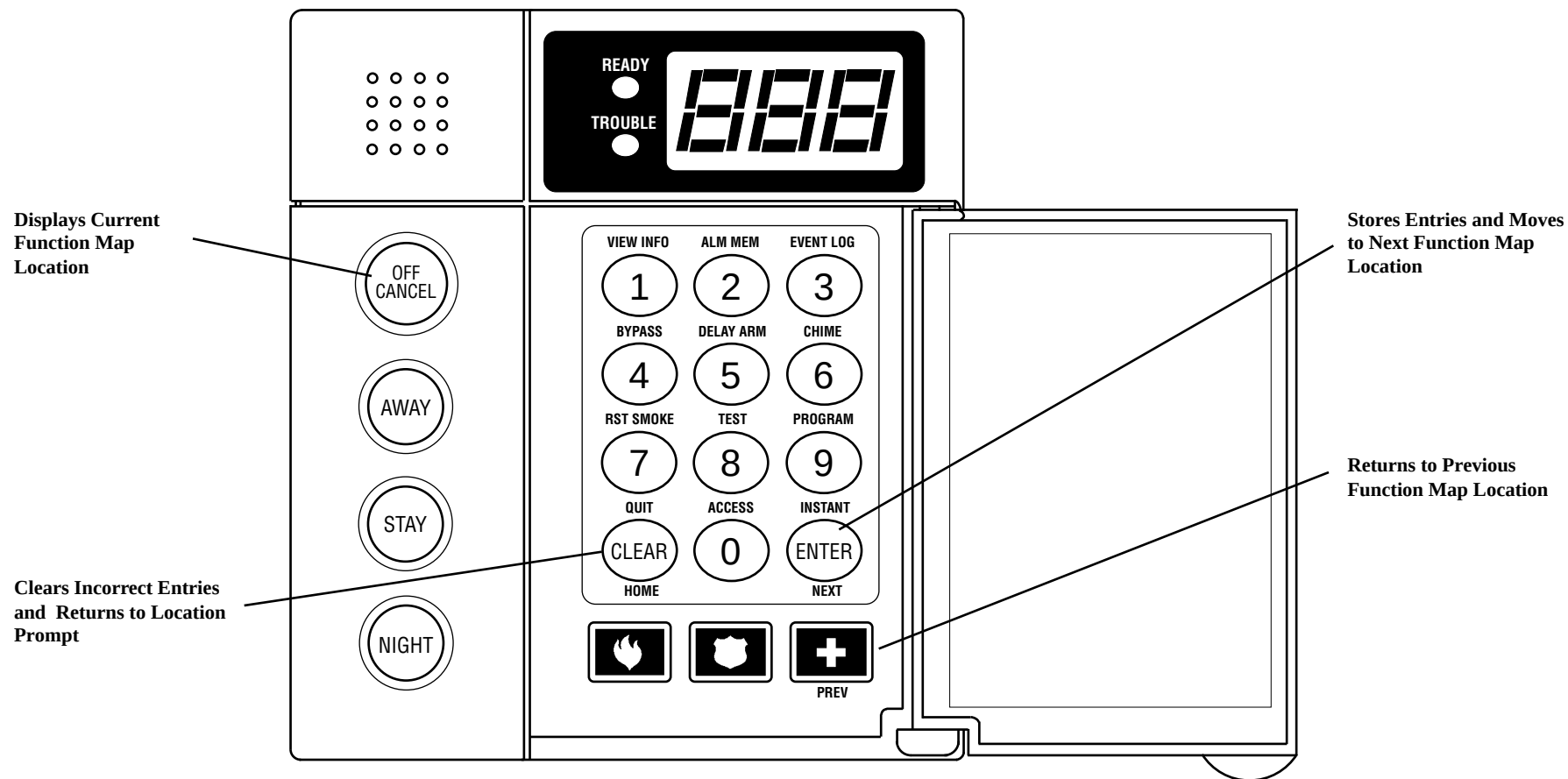


ZX400/ZX410
Security System Control

Programming Record Book



NOTE: To edit the Function Map, press the **PROGRAM (9)** key, enter the installer passcode, and press the '3' Key to select the Edit Function Map programming option.

When an "H" is displayed, a hexadecimal value may be programmed at that location.



ZX400/ZX410 Programming Record Book

Subscriber Name _____ Phone # _____

Address _____

Control Panel Phone # _____ RPM Panel ID# _____

Installed By _____ Date _____

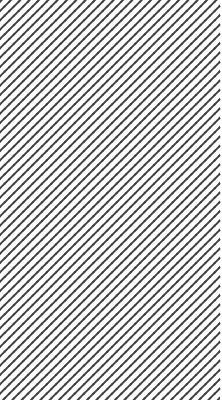
1 Area Data

Area 1			Area 2		
	Default	New Value		Default	New Value
AWAY Exit Time (sec)	[1] 60	_____		[12] 60	_____
STAY/NIGHT Exit Time (sec)	[2] 60	_____		[13] 60	_____
Entry Time 1 (sec)	[3] 20	_____		[14] 20	_____
Entry Time 2 (sec)	[4] 40	_____		[15] 40	_____
Pre-Alarm Time (sec)	[5] 0	_____		[16] 0	_____
'B' Key Alarms	[6] 2	_____		[17] 2	_____
'C' Key Alarms	[7] 1	_____		[18] 1	_____
Closing Ringback	[8] 0	_____		[19] 0	_____
Burglar Audible Lockout	[9] 0	_____		[20] 0	_____
Swinger Shunt	[10] 0	_____		[21] 0	_____
Area Attributes	[11] H-09	_____		[22] H-09	_____

2 Keypad Data

	Keypad 1		Keypad 2		Keypad 3		Keypad 4		Keypad 5		Keypad 6	
	Default	New Value	Default	New Value	Default	New Value	Default	New Value	Default	New Value	Default	New Value
Keypad Type	LED		LED		SSD		SSD		LCD/VFD		LCD/VFD	
Keypad Attribute	[23] H-1C	_____	[25] H-1C	_____	[27] H-1C	_____	[29] H-1C	_____	[31] H-1C	_____	[33] H-1E	_____
Access Time (sec)	[24] 5	_____	[26] 5	_____	[28] 5	_____	[30] 5	_____	[32] 5	_____	[34] 5	_____

3 Zone Data

Zone Name	Zone Type		Area		Expansion Device		Burglar Zone Attribute		Zone Attribute	
	Default	New Value	Default	New Value	Default	New Value	Default	New Value	Default	New Value
Zone 01	[35]	1	[36]	1			[37]	H-0D	[38]	H-37
Zone 02	[39]	1	[40]	1			[41]	H-03	[42]	H-37
Zone 03	[43]	1	[44]	1			[45]	H-03	[46]	H-37
Zone 04	[47]	1	[48]	1			[49]	H-0C	[50]	H-37
Zone 05	[51]	1	[52]	1			[53]	H-0C	[54]	H-37
Zone 06	[55]	1	[56]	1			[57]	H-0C	[58]	H-37
Zone 07	[59]	1	[60]	1			[61]	H-0C	[62]	H-37
Zone 08	[63]	1	[64]	1			[65]	H-0C	[66]	H-37
Zone 09	[67]	1	[68]	1			[69]	H-0C	[70]	H-37
Zone 10	[71]	1	[72]	1			[73]	H-0C	[74]	H-37
Zone 11	[75]	1	[76]	1			[77]	H-0C	[78]	H-37
Zone 12	[79]	1	[80]	1			[81]	H-0C	[82]	H-37
Zone 13	[83]	1	[84]	0	[85]	0	[86]	H-0C	[87]	H-37
Zone 14	[88]	1	[89]	0	[90]	0	[91]	H-0C	[92]	H-37
Zone 15	[93]	1	[94]	0	[95]	0	[96]	H-0C	[97]	H-37
Zone 16	[98]	1	[99]	0	[100]	0	[101]	H-0C	[102]	H-37
Zone 17	[103]	1	[104]	0	[105]	0	[106]	H-0C	[107]	H-37
Zone 18	[108]	1	[109]	0	[110]	0	[111]	H-0C	[112]	H-37
Zone 19	[113]	1	[114]	0	[115]	0	[116]	H-0C	[117]	H-37
Zone 20	[118]	1	[119]	0	[120]	0	[121]	H-0C	[122]	H-37
Zone 21	[123]	1	[124]	0	[125]	0	[126]	H-0C	[127]	H-37
Zone 22	[128]	1	[129]	0	[130]	0	[131]	H-0C	[132]	H-37
Zone 23	[133]	1	[134]	0	[135]	0	[136]	H-0C	[137]	H-37
Zone 24	[138]	1	[139]	0	[140]	0	[141]	H-0C	[142]	H-37
Zone 25	[143]	1	[144]	0	[145]	0	[146]	H-0C	[147]	H-37
Zone 26	[148]	1	[149]	0	[150]	0	[151]	H-0C	[152]	H-37
Zone 27	[153]	1	[154]	0	[155]	0	[156]	H-0C	[157]	H-37
Zone 28	[158]	1	[159]	0	[160]	0	[161]	H-0C	[162]	H-37
Zone 29*	[163]	0							[164]	H-63
Zone 30**	[165]	2							[166]	H-63

* Zone 29 is the Two-Wire Smoke Zone on the Expander Module

** Zone 30 is the Two-Wire Smoke Zone on the Control Board

4 User Data Code

	Code		Authority Level		Operation Area	
	Default	New Value	Default	New Value	Default	New Value
User 01	1234		[167] 10		[168] 1	
User 02	0000		[169] 6		[170] 1	
User 03	0000		[171] 6		[172] 1	
User 04	0000		[173] 6		[174] 1	
User 05	0000		[175] 6		[176] 1	
User 06	0000		[177] 6		[178] 1	
User 07	0000		[179] 6		[180] 1	
User 08	0000		[181] 6		[182] 1	
User 09	0000		[183] 6		[184] 1	
User 10	0000		[185] 6		[186] 1	
User 11	0000		[187] 6		[188] 1	
User 12	0000		[189] 6		[190] 1	
User 13	0000		[191] 6		[192] 1	
User 14	0000		[193] 6		[194] 1	
User 15	0000		[195] 6		[196] 1	
User 16	0000		[197] 6		[198] 1	
User 17	0000		[199] 6		[200] 1	
User 18	0000		[201] 6		[202] 1	
User 19	0000		[203] 6		[204] 1	
User 20	0000		[205] 6		[206] 1	
User 21	0000		[207] 6		[208] 1	
User 22	0000		[209] 6		[210] 1	
User 23	0000		[211] 6		[212] 1	
User 24	0000		[213] 6		[214] 1	
User 25	0000		[215] 6		[216] 1	

	Code		Authority Level		Operation Area	
	Default	New Value	Default	New Value	Default	New Value
User 26	0000		[217] 6		[218] 1	
User 27	0000		[219] 6		[220] 1	
User 28	0000		[221] 6		[222] 1	
User 29	0000		[223] 6		[224] 1	
User 30	0000		[225] 6		[226] 1	
User 31	0000		[227] 6		[228] 1	
User 32	0000		[229] 6		[230] 1	
User 33	0000		[231] 6		[232] 1	
User 34	0000		[233] 6		[234] 1	
User 35	0000		[235] 6		[236] 1	
User 36	0000		[237] 6		[238] 1	
User 37	0000		[239] 6		[240] 1	
User 38	0000		[241] 6		[242] 1	
User 39	0000		[243] 6		[244] 1	
User 40	0000		[245] 6		[246] 1	
User 41	0000		[247] 6		[248] 1	
User 42	0000		[249] 6		[250] 1	
User 43	0000		[251] 6		[252] 1	
User 44	0000		[253] 6		[254] 1	
User 45	0000		[255] 6		[256] 1	
User 46	0000		[257] 6		[258] 1	
User 47	0000		[259] 6		[260] 1	
User 48	0000		[261] 6		[262] 1	
User 49	0000		[263] 6		[264] 1	
User 50	1245		[265] 10		[266] 3	

5 Output Definitions

	Condition		Area or Keypad*	
	Default	New Value	Default	New Value
Control - Bell				
Output 00			[267] 1	
Control				
Output 01	[268] 13		[269] 1	
ODM 1				
Output 01	[270] 9		[271] 1	
Output 02	[272] 1		[273] 1	
Output 03	[274] 10		[275] 1	
Output 04	[276] 11		[277] 1	
Output 05	[278] 15		[279] 1	
Output 06	[280] 26		[281] 1	
Output 07	[282] 14		[283] 1	
Output 08	[284] 21		[285] 1	
Output 09	[286] 29		[287] 1	
Output 10	[288] 34		[289] 1	

	Condition		Area or Keypad*	
	Default	New Value	Default	New Value
Zone Expander or ODM 2				
Output 01	[290] 9		[291] 1	
Output 02	[292] 1		[293] 1	
Output 03	[294] 10		[295] 1	
Output 04	[296] 11		[297] 1	
Output 05	[298] 15		[299] 1	
Output 06	[300] 26		[301] 1	
Output 07	[302] 14		[303] 1	
Output 08	[304] 21		[305] 1	
Output 09	[306] 29		[307] 1	
Output 10	[308] 34		[309] 1	

* Output conditions 34 and 35 add combinations of keypads 1 - 6.
Conditions 9 - 33 are specified as a combination of Areas 1 and 2.

6 Global Systems Options

	Time	
	Default	New Value
Fire Cutoff Time (min)	[310] 0	
Burglar Cutoff Time (min)	[311] 10	
Holdup Cutoff Time (min)	[312] 10	
Aux Cutoff Time (min)	[313] 10	
Universal Output Time (sec)	[314] 0	
Delay Before Dial (sec)	[315]	
Fire Delay Before Dial (sec)	[316]	

	Time	
	Default	New Value
AC Failure Delay (min)*	[317] 30	
Senior Watch Time (hrs)	[318] 24	
System Attributes	[319] H-31	
Passcode Attempts	[320] 8	
AC Cycles**	[321] 0	

* ODD = silent, EVEN = audible

** 0 = 60 Hz, 1 = 50 Hz

7 Communicator Data

		Default	New Value
Enable Communicator	[322]	1	_____
Enable Skip Test	[323]	0	_____
Power-up Comm Test	[324]	0	_____
Disable Call Waiting	[325]	0	_____
Comm Test Time of Day (hr:min)	[326] 00 :	[327] 00	_____
Days Between Comm Tests	[328]	0	_____
Time Between Calls (sec)	[329]	5	_____

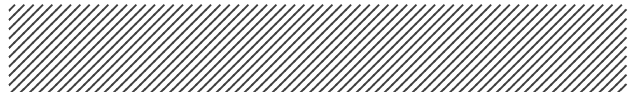
		Default	New Value
T1 Trans Format	[330]	3	_____
T2 Trans Format	[331]	3	_____
Dialer Type	[332]	1	_____
T1 Dial Attempts	[333]	5	_____
T2 Dial Attempts	[334]	5	_____
On-Hook Time (sec)	[335]	5	_____
Off-Hook Time (sec)	[336]	3	_____

8 Comm Telephone #'s

		Default	New Value
Telephone 1 (16 digits)	[337 - 352]	all F's	_____
Telephone 2 (24 digits)	[353 - 376]	all F's	_____
RPM/2 Phone (16 digits)	[377 - 392]	all F's	_____

9 Area Event Reporting

		Default	New Value
Tel 1 Acnt No (6 Hex digits)	[393 - 398]	000000	_____
Tel 2 Acnt No (6 Hex digits)	[399 - 404]	000000	_____
////////////////////////////////////			
Fire Phone No. *	[417]	3	_____
System Events Phone No. **	[418]	0	_____
Burg Phone No.	[419]	3	_____
Hold-up Phone No.	[420]	3	_____
Aux Phone No.	[421]	3	_____
CCM Phone No.	[422]	3	_____
Zone TBL/Restore Phone No.	[423]	0	_____
Zone BYP/Restore Phone No.	[424]	0	_____
OPN/CLS Phone No.	[425]	0	_____
Supervision Phone No.	[426]	0	_____

		Default	New Value
[405 - 410]		000000	_____
[411 - 416]		000000	_____
			
[427]		3	_____
[428]		3	_____
[429]		3	_____
[430]		3	_____
[431]		0	_____
[432]		0	_____
[433]		0	_____
[434]		0	_____

* Note: Fire Events communicate as Area 1 only.

** Note: System Events communicate as Area 1 only.

10 Zone Report Codes

	Alarm				Restore				Bypass				Trouble			
	Default		New Value		Default		New Value		Default		New Value		Default		New Value	
Zone 01	[435]	H-31			[436]	H-E3			[437]	H-AB			[438]	H-F3		
Zone 02	[439]	H-32			[440]	H-E3			[441]	H-AB			[442]	H-F3		
Zone 03	[443]	H-33			[444]	H-E3			[445]	H-AB			[446]	H-F3		
Zone 04	[447]	H-34			[448]	H-E3			[449]	H-AB			[450]	H-F3		
Zone 05	[451]	H-35			[452]	H-E3			[453]	H-AB			[454]	H-F3		
Zone 06	[455]	H-36			[456]	H-E3			[457]	H-AB			[458]	H-F3		
Zone 07	[459]	H-37			[460]	H-E3			[461]	H-AB			[462]	H-F3		
Zone 08	[463]	H-38			[464]	H-E3			[465]	H-AB			[466]	H-F3		
Zone 09	[467]	H-39			[468]	H-E3			[469]	H-AB			[470]	H-F3		
Zone 10	[471]	H-3A			[472]	H-E3			[473]	H-AB			[474]	H-F3		
Zone 11	[475]	H-3B			[476]	H-E3			[477]	H-AB			[478]	H-F3		
Zone 12	[479]	H-3C			[480]	H-E3			[481]	H-AB			[482]	H-F3		
Zone 13	[483]	H-3D			[484]	H-E3			[485]	H-AB			[486]	H-F3		
Zone 14	[487]	H-3E			[488]	H-E3			[489]	H-AB			[490]	H-F3		
Zone 15	[491]	H-3F			[492]	H-E3			[493]	H-AB			[494]	H-F3		
Zone 16	[495]	H-61			[496]	H-E6			[497]	H-AB			[498]	H-F6		
Zone 17	[499]	H-62			[500]	H-E6			[501]	H-AB			[502]	H-F6		
Zone 18	[503]	H-63			[504]	H-E6			[505]	H-AB			[506]	H-F6		
Zone 19	[507]	H-64			[508]	H-E6			[509]	H-AB			[510]	H-F6		
Zone 20	[511]	H-65			[512]	H-E6			[513]	H-AB			[514]	H-F6		
Zone 21	[515]	H-66			[516]	H-E6			[517]	H-AB			[518]	H-F6		
Zone 22	[519]	H-67			[520]	H-E6			[521]	H-AB			[522]	H-F6		
Zone 23	[523]	H-68			[524]	H-E6			[525]	H-AB			[526]	H-F6		
Zone 24	[527]	H-69			[528]	H-E6			[529]	H-AB			[530]	H-F6		
Zone 25	[531]	H-6A			[532]	H-E6			[533]	H-AB			[534]	H-F6		
Zone 26	[535]	H-6B			[536]	H-E6			[537]	H-AB			[538]	H-F6		
Zone 27	[539]	H-6C			[540]	H-E6			[541]	H-AB			[542]	H-F6		
Zone 28	[543]	H-6D			[544]	H-E6			[545]	H-AB			[546]	H-F6		
Zone 29	[547]	H-11			[548]	H-E1			[549]	H-AB			[550]	H-F1		
Zone 30	[551]	H-12			[552]	H-E1			[553]	H-AB			[554]	H-F1		

11 User Report Codes

	Close				Open			
	Default		New Value		Default		New Value	
User 01	[555]	H-C1			[556]	H-B1		
User 02	[557]	H-C2			[558]	H-B2		
User 03	[559]	H-C3			[560]	H-B3		
User 04	[561]	H-C4			[562]	H-B4		
User 05	[563]	H-C5			[564]	H-B5		
User 06	[565]	H-C6			[566]	H-B6		
User 07	[567]	H-C7			[568]	H-B7		
User 08	[569]	H-C8			[570]	H-B8		
User 09	[571]	H-C9			[572]	H-B9		
User 10	[573]	H-CA			[574]	H-BA		
User 11	[575]	H-CB			[576]	H-BB		
User 12	[577]	H-CC			[578]	H-BC		
User 13	[579]	H-CD			[580]	H-BD		
User 14	[581]	H-CE			[582]	H-BE		
User 15	[583]	H-CF			[584]	H-BF		
User 16	[585]	H-CF			[586]	H-BF		
User 17	[587]	H-CF			[588]	H-BF		
User 18	[589]	H-CF			[590]	H-BF		
User 19	[591]	H-CF			[592]	H-BF		
User 20	[593]	H-CF			[594]	H-BF		
User 21	[595]	H-CF			[596]	H-BF		
User 22	[597]	H-CF			[598]	H-BF		
User 23	[599]	H-CF			[600]	H-BF		
User 24	[601]	H-CF			[602]	H-BF		
User 25	[603]	H-CF			[604]	H-BF		

	Close				Open			
	Default		New Value		Default		New Value	
User 26	[605]	H-CF			[606]	H-BF		
User 27	[607]	H-CF			[608]	H-BF		
User 28	[609]	H-CF			[610]	H-BF		
User 29	[611]	H-CF			[612]	H-BF		
User 30	[613]	H-CF			[614]	H-BF		
User 31	[615]	H-CF			[616]	H-BF		
User 32	[617]	H-CF			[618]	H-BF		
User 33	[619]	H-CF			[620]	H-BF		
User 34	[621]	H-CF			[622]	H-BF		
User 35	[623]	H-CF			[624]	H-BF		
User 36	[625]	H-CF			[626]	H-BF		
User 37	[627]	H-CF			[628]	H-BF		
User 38	[629]	H-CF			[630]	H-BF		
User 39	[631]	H-CF			[632]	H-BF		
User 40	[633]	H-CF			[634]	H-BF		
User 41	[635]	H-CF			[636]	H-BF		
User 42	[637]	H-CF			[638]	H-BF		
User 43	[639]	H-CF			[640]	H-BF		
User 44	[641]	H-CF			[642]	H-BF		
User 45	[643]	H-CF			[644]	H-BF		
User 46	[645]	H-CF			[646]	H-BF		
User 47	[647]	H-CF			[648]	H-BF		
User 48	[649]	H-CF			[650]	H-BF		
User 49	[651]	H-CF			[652]	H-BF		
User 50	[653]	H-CF			[654]	H-BF		

12 System Event Report Codes

	Default	New Value
'A' Key Report Code	[655] H-19	_____
'B' Key Report Code	[656] H-29	_____
'C' Key Report Code	[657] H-49	_____
Duress Code	[658] H-99	_____
Keypad Lockout Code	[659] H-00	_____
Burg Cancel Report Code	[660] H-00	_____
Quick Arm Report Code	[661] H-00	_____
Auto-Arm Code	[662] H-00	_____
Auto-Arm Failed Code	[663] H-00	_____
Keyswitch Closing Code	[664] H-00	_____
Keyswitch Opening Code	[665] H-00	_____
Installer/RPM Closing Code	[666] H-00	_____
Installer/RPM Opening Code	[667] H-00	_____
Closing Extended Code	[668] H-00	_____
Exit Alarm Code	[669] H-00	_____
Recent Closing Code	[670] H-00	_____
Latch Key Supervision Code	[671] H-00	_____
User on Premises Code	[672] H-00	_____
Comm Test Not Norm Code	[673] H-00	_____

	Default	New Value
Comm Test Report Code	[674] H-00	_____
AC Fail Report Code	[675] H-FA	_____
AC Restore Report Code	[676] H-EA	_____
Low Battery Report Code	[677] H-F9	_____
Battery Restore Code	[678] H-E9	_____
Bell Fault Report Code	[679] H-00	_____
Bell Restore Report Code	[680] H-00	_____
Comm Restore Report Code	[681] H-00	_____
Memory Error Report Code	[682] H-00	_____
Local Program Begin Code	[683] H-00	_____
Local Program End Code	[684] H-00	_____
RPM End Report Code	[685] H-00	_____
RPM Denied Report Code	[686] H-00	_____
RPM Abort Report Code	[687] H-00	_____
Missing Keypad Code	[688] H-00	_____
Restore Keypad Code	[689] H-00	_____
RF Jamming Code	[690] H-00	_____
RF Channel Clear Code	[691] H-00	_____
RF Keyfob Low Battery	[692] H-00	_____

13 Area Schedules

		Default	Area 1	New Value
Sched Arm Mode	[693]	0		_____
Sched Arm Days	[694]	H-00		_____
Arm Time Sun (hr:min)	[695]	00 : [696]	00	_____
Arm Time Mon (hr:min)	[697]	00 : [698]	00	_____
Arm Time Tues (hr:min)	[699]	00 : [700]	00	_____
Arm Time Wed (hr:min)	[701]	00 : [702]	00	_____
Arm Time Thur (hr:min)	[703]	00 : [704]	00	_____
Arm Time Fri (hr:min)	[705]	00 : [706]	00	_____
Arm Time Sat (hr:min)	[707]	00 : [708]	00	_____
Latch Key User ID	[709]	0		_____
Latch Key Days	[710]	H-00		_____
Latch Key Window (min)	[711]	0		_____
Latch Time Sun (hr:min)	[712]	00 : [713]	00	_____
Latch Time Mon (hr:min)	[714]	00 : [715]	00	_____
Latch Time Tues (hr:min)	[716]	00 : [717]	00	_____
Latch Time Wed (hr:min)	[718]	00 : [719]	00	_____
Latch Time Thur (hr:min)	[720]	00 : [721]	00	_____
Latch Time Fri (hr:min)	[722]	00 : [723]	00	_____
Latch Time Sat (hr:min)	[724]	00 : [725]	00	_____

		Default	Area 2	New Value
	[726]	0		_____
	[727]	H-00		_____
	[728]	00 : [729]	00	_____
	[730]	00 : [731]	00	_____
	[732]	00 : [733]	00	_____
	[734]	00 : [735]	00	_____
	[736]	00 : [737]	00	_____
	[738]	00 : [739]	00	_____
	[740]	00 : [741]	00	_____
	[742]	0		_____
	[743]	H-00		_____
	[744]	0		_____
	[745]	00 : [746]	00	_____
	[747]	00 : [748]	00	_____
	[749]	00 : [750]	00	_____
	[751]	00 : [752]	00	_____
	[753]	00 : [754]	00	_____
	[755]	00 : [756]	00	_____
	[757]	00 : [758]	00	_____

14 Programming Options

		Default	New Value
Installer Passcode	[759 - 762]	9632	_____
Call 2 Timer (sec)	[763]	0	_____
Auto Answer Ring Count	[764]	5	_____

		Default	New Value
Enable RPM	[765]	1	_____
Enable Power Up Program	[766]	0	_____
Lockout Local Program	[767]	0	_____

MOOSE



A PRODUCT OF SENTROL, INC

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