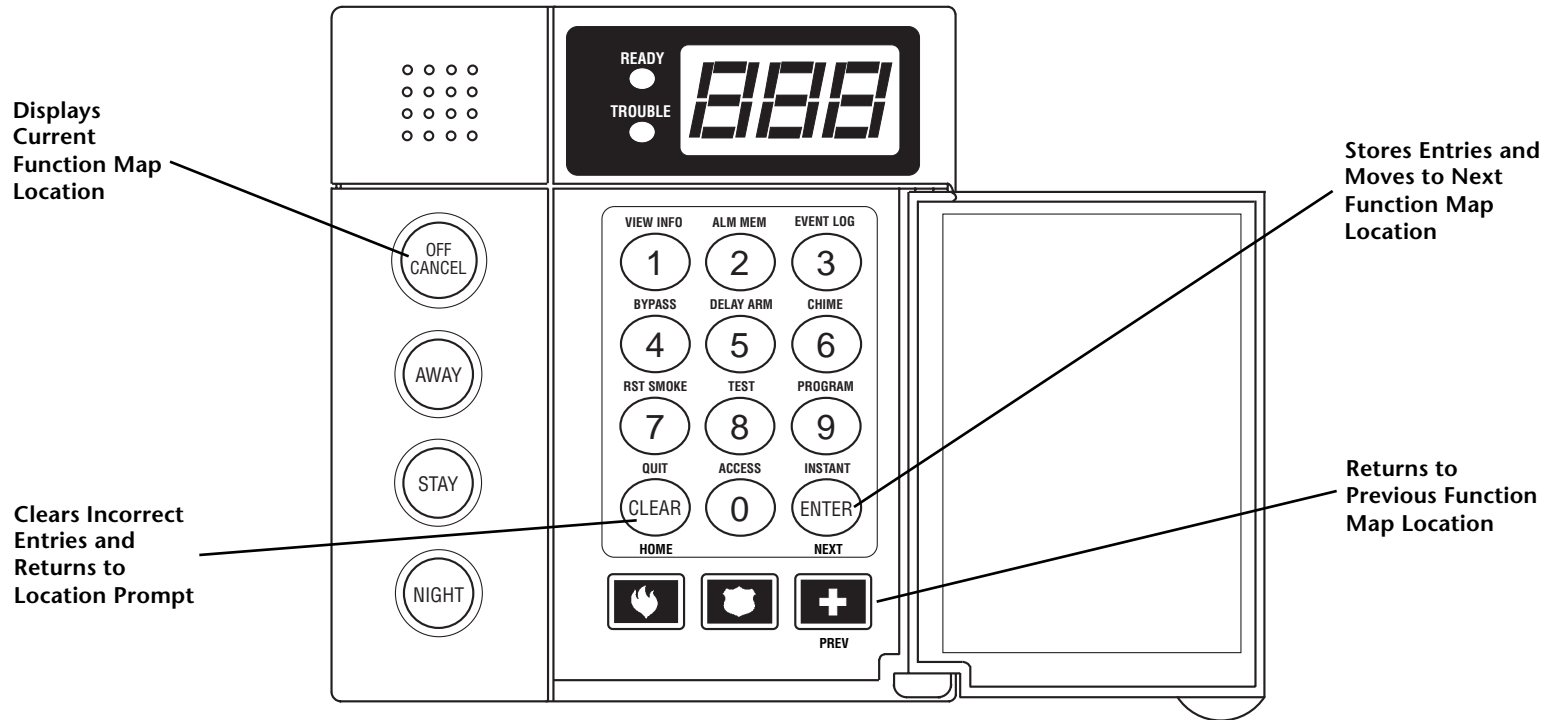


SENTROL ZX400/ZX410

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 _____

AREA DATA

		Area 1	
		DEF	NEW VALUE
AWAY Exit Time (sec)	[1]	60	_____
STAY/NIGHT Exit Time (sec)	[2]	60	_____
Entry Time 1 (sec)	[3]	20	_____
Entry Time 2 (sec)	[4]	40	_____
Pre-Alarm Time (sec)	[5]	0	_____
Panic Key Alarms	[6]	H-21	_____
Closing Ringback	[7]	0	_____
Burglar Audible Lockout	[8]	0	_____
Swinger Shunt	[9]	0	_____
Area Attributes	[10]	H-09	_____

		Area 2	
		DEF	NEW VALUE
	[11]	60	_____
	[12]	60	_____
	[13]	20	_____
	[14]	40	_____
	[15]	0	_____
	[16]	H-21	_____
	[17]	0	_____
	[18]	0	_____
	[19]	0	_____
	[20]	H-09	_____

KEYPAD DATA

	Keypad 1		Keypad 2		Keypad 3		Keypad 4		Keypad 5		Keypad 6	
	DEF	NEW VALUE	DEF	NEW VALUE	DEF	NEW VALUE	DEF	NEW VALUE	DEF	NEW VALUE	DEF	NEW VALUE
Unsupervised Keypad Type	LED		LED		SSD		SSD		LCD/VFD		LCD/VFD	
Keypad Attribute	[21]	H-1C _____	[23]	H-1C _____	[25]	H-1C _____	[27]	H-1C _____	[29]	H-1C _____	[31]	H-1E _____
Access Time (sec)	[22]	5 _____	[24]	5 _____	[26]	5 _____	[28]	5 _____	[30]	5 _____	[32]	5 _____

ZONE DATA

Zone Name	Zone Type		Area		Expansion Device		Burglar Zone Attribute		Zone Attribute	
	DEF	NEW VALUE	DEF	NEW VALUE	DEF	NEW VALUE	DEF	NEW VALUE	DEF	NEW VALUE
Zone 01	[33]	1	[34]	1	[Hatched Area]		[35]	H-0D	[36]	H-37
Zone 02	[37]	1	[38]	1			[39]	H-03	[40]	H-37
Zone 03	[41]	1	[42]	1			[43]	H-03	[44]	H-37
Zone 04	[45]	1	[46]	1			[47]	H-0C	[48]	H-37
Zone 05	[49]	1	[50]	1			[51]	H-0C	[52]	H-37
Zone 06	[53]	1	[54]	1			[55]	H-0C	[56]	H-37
Zone 07	[57]	1	[58]	1			[59]	H-0C	[60]	H-37
Zone 08	[61]	1	[62]	1			[63]	H-0C	[64]	H-37
Zone 09	[65]	1	[66]	1			[67]	H-0C	[68]	H-37
Zone 10	[69]	1	[70]	1			[71]	H-0C	[72]	H-37
Zone 11	[73]	1	[74]	1			[75]	H-0C	[76]	H-37
Zone 12	[77]	1	[78]	1			[79]	H-0C	[80]	H-37
Zone 13	[81]	1	[82]	0			[83]	0	[84]	H-0C
Zone 14	[86]	1	[87]	0	[88]	0	[89]	H-0C	[90]	H-37
Zone 15	[91]	1	[92]	0	[93]	0	[94]	H-0C	[95]	H-37
Zone 16	[96]	1	[97]	0	[98]	0	[99]	H-0C	[100]	H-37
Zone 17	[101]	1	[102]	0	[103]	0	[104]	H-0C	[105]	H-37
Zone 18	[106]	1	[107]	0	[108]	0	[109]	H-0C	[110]	H-37
Zone 19	[111]	1	[112]	0	[113]	0	[114]	H-0C	[115]	H-37
Zone 20	[116]	1	[117]	0	[118]	0	[119]	H-0C	[120]	H-37
Zone 21	[121]	1	[122]	0	[123]	0	[124]	H-0C	[125]	H-37
Zone 22	[126]	1	[127]	0	[128]	0	[129]	H-0C	[130]	H-37
Zone 23	[131]	1	[132]	0	[133]	0	[134]	H-0C	[135]	H-37
Zone 24	[136]	1	[137]	0	[138]	0	[139]	H-0C	[140]	H-37
Zone 25	[141]	1	[142]	0	[143]	0	[144]	H-0C	[145]	H-37
Zone 26	[146]	1	[147]	0	[148]	0	[149]	H-0C	[150]	H-37
Zone 27	[151]	1	[152]	0	[153]	0	[154]	H-0C	[155]	H-37
Zone 28	[156]	1	[157]	0	[158]	0	[159]	H-0C	[160]	H-37
Zone 29*	[161]	0	[Hatched Area]				[162]	H-63		
Zone 30**	[163]	2					[164]	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

USER DATA

	Code		Authority Level			Operation Area		
	DEF	NEW VALUE	DEF	NEW VALUE		DEF	NEW VALUE	
User 01	1234		[165]	10		[166]	1	
User 02	0000		[167]	6		[168]	1	
User 03	0000		[169]	6		[170]	1	
User 04	0000		[171]	6		[172]	1	
User 05	0000		[173]	6		[174]	1	
User 06	0000		[175]	6		[176]	1	
User 07	0000		[177]	6		[178]	1	
User 08	0000		[179]	6		[180]	1	
User 09	0000		[181]	6		[182]	1	
User 10	0000		[183]	6		[184]	1	
User 11	0000		[185]	6		[186]	1	
User 12	0000		[187]	6		[188]	1	
User 13	0000		[189]	6		[190]	1	
User 14	0000		[191]	6		[192]	1	
User 15	0000		[193]	6		[194]	1	
User 16	0000		[195]	6		[196]	1	
User 17	0000		[197]	6		[198]	1	
User 18	0000		[199]	6		[200]	1	
User 19	0000		[201]	6		[202]	1	
User 20	0000		[203]	6		[204]	1	
User 21	0000		[205]	6		[206]	1	
User 22	0000		[207]	6		[208]	1	
User 23	0000		[209]	6		[210]	1	
User 24	0000		[211]	6		[212]	1	
User 25	0000		[213]	6		[214]	1	
User 26	0000		[215]	6		[216]	1	
User 27	0000		[217]	6		[218]	1	
User 28	0000		[219]	6		[220]	1	
User 29	0000		[221]	6		[222]	1	
User 30	0000		[223]	6		[224]	1	
User 31	0000		[225]	6		[226]	1	
User 32	0000		[227]	6		[228]	1	
User 33	0000		[229]	6		[230]	1	
User 34	0000		[231]	6		[232]	1	
User 35	0000		[233]	6		[234]	1	
User 36	0000		[235]	6		[236]	1	
User 37	0000		[237]	6		[238]	1	
User 38	0000		[239]	6		[240]	1	
User 39	0000		[241]	6		[242]	1	
User 40	0000		[243]	6		[244]	1	
User 41	0000		[245]	6		[246]	1	
User 42	0000		[247]	6		[248]	1	
User 43	0000		[249]	6		[250]	1	
User 44	0000		[251]	6		[252]	1	
User 45	0000		[253]	6		[254]	1	
User 46	0000		[255]	6		[256]	1	
User 47	0000		[257]	6		[258]	1	
User 48	0000		[259]	6		[260]	1	
User 49	0000		[261]	6		[262]	1	
User 50	1245		[263]	10		[264]	3	

OUTPUT DEFINITIONS

	Condition		Area or Keypad*	
	DEF	NEW VALUE	DEF	NEW VALUE
Control Bell			[265]	1
Control PGO1	[266]	17	[267]	1
ODM 1				
Output 01	[268]	13	[269]	1
Output 02	[270]	3	[271]	1
Output 03	[272]	14	[273]	1
Output 04	[274]	15	[275]	1
Output 05	[276]	19	[277]	1
Output 06	[278]	31	[279]	1
Output 07	[280]	18	[281]	1
Output 08	[282]	25	[283]	1
Output 09	[284]	34	[285]	1
Output 10	[286]	39	[287]	1

	Condition		Area or Keypad*	
	DEF	NEW VALUE	DEF	NEW VALUE
Zone Expander or ODM 2				
Output 01	[288]	13	[289]	1
Output 02	[290]	3	[291]	1
Output 03	[292]	14	[293]	1
Output 04	[294]	15	[295]	1
Output 05	[296]	19	[297]	1
Output 06	[298]	31	[299]	1
Output 07	[300]	18	[301]	1
Output 08	[302]	25	[303]	1
Output 09	[304]	34	[305]	1
Output 10	[306]	39	[307]	1

* Output conditions 39 and 40 add combinations of keypads 1 - 6.
Conditions 13 - 38 are specified as a combination of Areas 1 and 2.

GLOBAL SYSTEMS OPTIONS

		Time	
		DEF	NEW VALUE
Fire Bell 1 Cutoff Time (min)	[308]	0	
Fire Bell 2 Cutoff Time (min)	[309]	0	
Burglar Cutoff Time (min)	[310]	10	
Holdup Cutoff Time (min)	[311]	10	
Aux Cutoff Time (min)	[312]	10	
Universal Output Time (sec)	[313]	0	
Delay Before Dial (sec)	[314]	0	

		Time	
		DEF	NEW VALUE
Fire Delay Before Dial (sec)	[315]	0	
AC Failure Delay (min)*	[316]	30	
Secure Watch Time (hrs)	[317]	24	
Reserved	[318]	0	
Fire Bell	[319]	H-20	
System Attributes	[320]	H-30	
Passcode Attempts	[321]	8	

* ODD = Silent, EVEN = Audible

COMMUNICATOR DATA

		DEF	NEW VALUE
Phone Line	[322]	H-10	_____
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	_____
Transmission Formats	[330]	H-33	_____

		DEF	NEW VALUE
Dialer Type	[331]	H-10	_____
CS1 Dial Attempts	[332]	5	_____
CS2 Dial Attempts	[333]	5	_____
Pager Dial Attempts	[334]	1	_____
Pager Delay Time (sec)	[335]	15	_____
On-Hook Time (sec)	[336]	5	_____
Off-Hook Time (sec)	[337]	3	_____

COMM NUMBERS

20 DIGIT PHONE NUMBERS		DEFAULT TO ALL F'S
CS1	[338 - 357]	_____
CS2	[358 - 377]	_____
Area 1 Pager	[378 - 397]	_____
Area 2 Pager	[398 - 417]	_____
RPM/2	[418 - 437]	_____

16-DIGIT PAGER HEADERS		DEFAULT TO ALL F'S
Area 1 Message	[438 - 453]	_____
Area 2 Message	[454 - 469]	_____

EVENT REPORTING

System			
		DEF	NEW VALUE
Tel 1 Acnt No (4 Hex digits)	[470 - 473]	0000	_____
Tel 2 Acnt No (4 Hex digits)	[474 - 477]	0000	_____
Fire Phone No.	[494]	3	_____
System Events Phone No.	[495]	0	_____
System Troubles Phone No.	[496]	3	_____
Burg Phone No.			
Hold-up Phone No.			
Aux Phone No.			
CCM Phone No.			
Zone TBL/Restore Phone No.			
Zone BYP/Restore Phone No.			
OPN/CLS Phone No.			
Supervision Phone No.			

Area 1		
	DEF	NEW VALUE
[478 - 481]	0000	_____
[482 - 485]	0000	_____
[497]	3	_____
[498]	3	_____
[499]	3	_____
[500]	3	_____
[501]	0	_____
[502]	0	_____
[503]	0	_____
[504]	0	_____

Area 2		
	DEF	NEW VALUE
[486 - 489]	0000	_____
[490 - 493]	0000	_____
[505]	3	_____
[506]	3	_____
[507]	3	_____
[508]	3	_____
[509]	0	_____
[510]	0	_____
[511]	0	_____
[512]	0	_____

ZONE REPORT CODES

	Alarm		Restore		Bypass		Trouble	
	DEF	NEW VALUE	DEF	NEW VALUE	DEF	NEW VALUE	DEF	NEW VALUE
Zone 01	[513]	H-31	[514]	H-E3	[515]	H-AB	[516]	H-F3
Zone 02	[517]	H-32	[518]	H-E3	[519]	H-AB	[520]	H-F3
Zone 03	[521]	H-33	[522]	H-E3	[523]	H-AB	[524]	H-F3
Zone 04	[525]	H-34	[526]	H-E3	[527]	H-AB	[528]	H-F3
Zone 05	[529]	H-35	[530]	H-E3	[531]	H-AB	[532]	H-F3
Zone 06	[533]	H-36	[534]	H-E3	[535]	H-AB	[536]	H-F3
Zone 07	[537]	H-37	[538]	H-E3	[539]	H-AB	[540]	H-F3
Zone 08	[541]	H-38	[542]	H-E3	[543]	H-AB	[544]	H-F3
Zone 09	[545]	H-39	[546]	H-E3	[547]	H-AB	[548]	H-F3
Zone 10	[549]	H-3A	[550]	H-E3	[551]	H-AB	[552]	H-F3
Zone 11	[553]	H-3B	[554]	H-E3	[555]	H-AB	[556]	H-F3
Zone 12	[557]	H-3C	[558]	H-E3	[559]	H-AB	[560]	H-F3
Zone 13	[561]	H-3D	[562]	H-E3	[563]	H-AB	[564]	H-F3
Zone 14	[565]	H-3E	[566]	H-E3	[567]	H-AB	[568]	H-F3
Zone 15	[569]	H-3F	[570]	H-E3	[571]	H-AB	[572]	H-F3
Zone 16	[573]	H-61	[574]	H-E6	[575]	H-AB	[576]	H-F6
Zone 17	[577]	H-62	[578]	H-E6	[579]	H-AB	[580]	H-F6
Zone 18	[581]	H-63	[582]	H-E6	[583]	H-AB	[584]	H-F6
Zone 19	[585]	H-64	[586]	H-E6	[587]	H-AB	[588]	H-F6
Zone 20	[589]	H-65	[590]	H-E6	[591]	H-AB	[592]	H-F6
Zone 21	[593]	H-66	[594]	H-E6	[595]	H-AB	[596]	H-F6
Zone 22	[597]	H-67	[598]	H-E6	[599]	H-AB	[600]	H-F6
Zone 23	[601]	H-68	[602]	H-E6	[603]	H-AB	[604]	H-F6
Zone 24	[605]	H-69	[606]	H-E6	[607]	H-AB	[608]	H-F6
Zone 25	[609]	H-6A	[610]	H-E6	[611]	H-AB	[612]	H-F6
Zone 26	[613]	H-6B	[614]	H-E6	[615]	H-AB	[616]	H-F6
Zone 27	[617]	H-6C	[618]	H-E6	[619]	H-AB	[620]	H-F6
Zone 28	[621]	H-6D	[622]	H-E6	[623]	H-AB	[624]	H-F6
Zone 29	[625]	H-11	[626]	H-E1	[627]	H-AB	[628]	H-F1
Zone 30	[629]	H-12	[630]	H-E1	[631]	H-AB	[632]	H-F1

USER REPORT CODES

	Close			Open		
	DEF	NEW VALUE		DEF	NEW VALUE	
User 01	[633]	H-C1	_____	[634]	H-B1	_____
User 02	[635]	H-C2	_____	[636]	H-B2	_____
User 03	[637]	H-C3	_____	[638]	H-B3	_____
User 04	[639]	H-C4	_____	[640]	H-B4	_____
User 05	[641]	H-C5	_____	[642]	H-B5	_____
User 06	[643]	H-C6	_____	[644]	H-B6	_____
User 07	[645]	H-C7	_____	[646]	H-B7	_____
User 08	[647]	H-C8	_____	[648]	H-B8	_____
User 09	[649]	H-C9	_____	[650]	H-B9	_____
User 10	[651]	H-CA	_____	[652]	H-BA	_____
User 11	[653]	H-CB	_____	[654]	H-BB	_____
User 12	[655]	H-CC	_____	[656]	H-BC	_____
User 13	[657]	H-CD	_____	[658]	H-BD	_____
User 14	[659]	H-CE	_____	[660]	H-BE	_____
User 15	[661]	H-CF	_____	[662]	H-BF	_____
User 16	[663]	H-CF	_____	[664]	H-BF	_____
User 17	[665]	H-CF	_____	[666]	H-BF	_____
User 18	[667]	H-CF	_____	[668]	H-BF	_____
User 19	[669]	H-CF	_____	[670]	H-BF	_____
User 20	[671]	H-CF	_____	[672]	H-BF	_____
User 21	[673]	H-CF	_____	[674]	H-BF	_____
User 22	[675]	H-CF	_____	[676]	H-BF	_____
User 23	[677]	H-CF	_____	[678]	H-BF	_____
User 24	[679]	H-CF	_____	[680]	H-BF	_____
User 25	[681]	H-CF	_____	[682]	H-BF	_____

	Close			Open		
	DEF	NEW VALUE		DEF	NEW VALUE	
User 26	[683]	H-CF	_____	[684]	H-BF	_____
User 27	[685]	H-CF	_____	[686]	H-BF	_____
User 28	[687]	H-CF	_____	[688]	H-BF	_____
User 29	[689]	H-CF	_____	[690]	H-BF	_____
User 30	[691]	H-CF	_____	[692]	H-BF	_____
User 31	[693]	H-CF	_____	[694]	H-BF	_____
User 32	[695]	H-CF	_____	[696]	H-BF	_____
User 33	[697]	H-CF	_____	[698]	H-BF	_____
User 34	[699]	H-CF	_____	[700]	H-BF	_____
User 35	[701]	H-CF	_____	[702]	H-BF	_____
User 36	[703]	H-CF	_____	[704]	H-BF	_____
User 37	[705]	H-CF	_____	[706]	H-BF	_____
User 38	[707]	H-CF	_____	[708]	H-BF	_____
User 39	[709]	H-CF	_____	[710]	H-BF	_____
User 40	[711]	H-CF	_____	[712]	H-BF	_____
User 41	[713]	H-CF	_____	[714]	H-BF	_____
User 42	[715]	H-CF	_____	[716]	H-BF	_____
User 43	[717]	H-CF	_____	[718]	H-BF	_____
User 44	[719]	H-CF	_____	[720]	H-BF	_____
User 45	[721]	H-CF	_____	[722]	H-BF	_____
User 46	[723]	H-CF	_____	[724]	H-BF	_____
User 47	[725]	H-CF	_____	[726]	H-BF	_____
User 48	[727]	H-CF	_____	[728]	H-BF	_____
User 49	[729]	H-CF	_____	[730]	H-BF	_____
User 50	[731]	H-CF	_____	[732]	H-BF	_____

SYSTEM EVENT REPORT CODES

		DEF	NEW VALUE
'A' Key Report Code	[733]	H-19	_____
'B' Key Report Code	[734]	H-29	_____
'C' Key Report Code	[735]	H-49	_____
Duress Code	[736]	H-99	_____
Keypad Lockout Code	[737]	H-00	_____
Burg Cancel Report Code	[738]	H-00	_____
Quick Arm Report Code	[739]	H-00	_____
Auto-Arm Code	[740]	H-00	_____
Auto-Arm Failed Code	[741]	H-00	_____
Keyswitch Closing Code	[742]	H-00	_____
Keyswitch Opening Code	[743]	H-00	_____
Installer/RPM Closing Code	[744]	H-00	_____
Installer/RPM Opening Code	[745]	H-00	_____
Closing Extended Code	[746]	H-00	_____
Exit Alarm Code	[747]	H-00	_____
Recent Closing Code	[748]	H-00	_____
Latch Key Supervision Code	[749]	H-00	_____
User on Premises Code	[750]	H-00	_____
Comm Test Not Norm Code	[751]	H-00	_____
Comm Test Report Code	[752]	H-00	_____
AC Fail Report Code	[753]	H-FA	_____

		DEF	NEW VALUE
AC Restore Report Code	[754]	H-EA	_____
Low/No Battery Report Code	[755]	H-F9	_____
Battery Restore Code	[756]	H-E9	_____
Bell Fault Report Code	[757]	H-00	_____
Bell Restore Report Code	[758]	H-00	_____
Telco Fault Report Code	[759]	H-00	_____
Telco Restore Report Code	[760]	H-00	_____
Ground Fault Report Code	[761]	H-00	_____
Ground Restore Report Code	[762]	H-00	_____
Comm Restore Report Code	[763]	H-00	_____
Memory Error Report Code	[764]	H-00	_____
Local Program Begin Code	[765]	H-00	_____
Local Program End Code	[766]	H-00	_____
RPM End Report Code	[767]	H-00	_____
RPM Denied Report Code	[768]	H-00	_____
RPM Abort Report Code	[769]	H-00	_____
Missing Keypad Code	[770]	H-00	_____
Restore Keypad Code	[771]	H-00	_____
RF Jamming Code	[772]	H-00	_____
RF Channel Clear Code	[773]	H-00	_____
RF Keyfob Low Battery	[774]	H-00	_____

AREA SCHEDULES

Area 1			
		DEF	NEW VALUE
Sched Arm Mode	[775]	0	_____
Sched Arm Days	[776]	H-00	_____
Arm Time Sun (hr:min)	[777]	00 : [778]	00 _____
Arm Time Mon (hr:min)	[779]	00 : [780]	00 _____
Arm Time Tues (hr:min)	[781]	00 : [782]	00 _____
Arm Time Wed (hr:min)	[783]	00 : [784]	00 _____
Arm Time Thur (hr:min)	[785]	00 : [786]	00 _____
Arm Time Fri (hr:min)	[787]	00 : [788]	00 _____
Arm Time Sat (hr:min)	[789]	00 : [790]	00 _____
Latch Key User ID	[791]	0	_____
Latch Key Days	[792]	H-00	_____
Latch Key Window (min)	[793]	0	_____
Latch Time Sun (hr:min)	[794]	00 : [795]	00 _____
Latch Time Mon (hr:min)	[796]	00 : [797]	00 _____
Latch Time Tues (hr:min)	[798]	00 : [799]	00 _____
Latch Time Wed (hr:min)	[800]	00 : [801]	00 _____
Latch Time Thur (hr:min)	[802]	00 : [803]	00 _____
Latch Time Fri (hr:min)	[804]	00 : [805]	00 _____
Latch Time Sat (hr:min)	[806]	00 : [807]	00 _____

Area 2			
		DEF	NEW VALUE
	[808]	0	_____
	[809]	H-00	_____
	[810]	00 : [811]	00 _____
	[812]	00 : [813]	00 _____
	[814]	00 : [815]	00 _____
	[816]	00 : [817]	00 _____
	[818]	00 : [819]	00 _____
	[820]	00 : [821]	00 _____
	[822]	00 : [823]	00 _____
	[824]	0	_____
	[825]	H-00	_____
	[826]	0	_____
	[827]	00 : [828]	00 _____
	[829]	00 : [830]	00 _____
	[831]	00 : [832]	00 _____
	[833]	00 : [834]	00 _____
	[835]	00 : [836]	00 _____
	[837]	00 : [838]	00 _____
	[839]	00 : [840]	00 _____

PROGRAMMING OPTIONS

		DEF	NEW VALUE
Installer Passcode	[841 - 844]	9632	_____
Call 2 Timer (sec)	[845]	0	_____
Auto Answer Ring Count	[846]	5	_____

		DEF	NEW VALUE
Enable RPM	[847]	1	_____
Enable Power Up Program	[848]	0	_____
Lockout Local Program	[849]	0	_____



SENTROL

SENTROL CONTROLS GROUP

PO Box 2904, 1510 Tate Blvd. SE

Hickory, NC 28603

Tel.: 503.692.4052 Fax: 503.691.7566

U.S. & Canada: 800.547.2556

Technical Service: 800.800.2027

FaxBack: 800.483.2495

Sentrol reserves the right
to change specifications
without notice.

©1997 Sentrol