SG-2 Basic programming features
For additional information, see SG-2 User Guide.

To Begin Programming: Press *&0 at same time, 4 digits of pass code then *.
Factory default = 7777 Key Stroke Example: *0 7777 * and SG-2 will beep after each key stroke and then beep 3 times, if entered password is valid. From house, lift handset, dial 7777 *. From outside line, call and key in 7777 * when SG-2 answers.
Fn = Select Gate 2 Programming Function.

Pins 1-100 (Fn 12)
12 Code XX PIN XXXX Relay Action X Time Schedule X then *.
Key Stroke Example: 12 01 1234 0 0 * will open with *1234 on relay 1 for timed amount, 24 hrs a day.
Or: 12 02 5678 3 2 * will open relay 1 & 2 for timed amount with key strokes *5678, on hours or days, that Time Schedule 2 is true.
Or: 12 03 1289 7 0 * will latch relay 1 on with key strokes *1289 and keep it on, until PIN 1234 is keyed in, to unlatch relay 1.
If start and stop dates are desired, add start month and day and end month and day after time schedule.
Key Stroke Example: 12 01 1234 0 0 05 22 07 01 will be valid from May 22 to July 1st. If date not desired, press * after Time Schedule choice.

To remove PIN: 12 Code XX O * Example: 12 01 0 * Removes 1234 from above example.

Cards 1-100 (Fn 13)
13 Code XX Facility Code XXX Card XXXXX Relay Action X Time Schedule X then *.
Key Stroke Example: 13 01 0101234500* means card with facility code 010 on card 12345 will open relay 1 for timed amount, 24 hrs a day.
Or: 13 67 023 56789 2 1 * means card with facility code 023 on card 56789 will open relay 2 for timed amount, whenever Time Schedule 1 is true.
If start and stop dates are desired, add start month and day and end month and day after Time Schedule.
Key Stroke Example: 13 01 01012345 00 05 22 07 01* means card with facility code 10 and Card# 12345 will be valid from May 22 to July 1st. If date not desired, press * after Time Schedule choice.

To remove Card: 13 Code XX O * Example: 13 01 0 * Removes Card 12345 from above example.

Phones 0-9 (Fn 11)
11 Code X Phone XXXXXXXXXXXXXXXX , then *.
Key Stroke Example: 11 0 18003425737, then * will call that number when 0# is pushed on Key-pad.
Or: 11 1 9#13055551212, then * will dial 9, wait 1 second, then dial information, when 1# is pushed on keypad.
Or: 11 3 18003425737 will dial when 3# is pushed on keypad.

To remove Phone: 11 Number X 0 * Example: 11 1 0 * Removes 555-1212 from above example.

Relay Action Table	Time Schedule Table
0 = Relay 1 open 24/7 (For timed amount.)	0 = 24/7 (Will open at any time.)
1 = Relay 1 for Time Schedule	1 = Value of time schedule 1 See values on other side.
2 = Relay 2 for Time Schedule	2 = Value of time schedule 2 See values on other side.
3 = Relay 1 & 2 for Time Schedule	3 = Value of time schedule 3 See values on work sheet.
4 = Relay 1 on forever (latched open)	4 = Value of time schedule 4 See values on work sheet.
5 = Relay 2 on forever (latched open)	5 = Value of time schedule 5 See values on work sheet.
6 = Relay 1 & 2 on forever (latched open)	6 = Value of time schedule 6 See values on work sheet.
7 = Relay 1 on for 1 hour	7 = Value of time schedule 7 See values on work sheet.
8 = Relay 2 on for 1 hour	8 = Value of time schedule 4 & 5 See values on work sheet.
9 = Relay 1 & 2 on for 1 hour	9 = Value of time schedule 6 & 7 See values on work sheet.

Relay 1 Functions

Fn		Key Strokes	Default	Example:	
21	Unlock Tone 1—9, 0 = Disabled	21 6 *	6	21 1 *	Unlock tone is now 1
22	Latch Tone 1—9, 0 = Disabled	22 0 *	0	22 4 *	Latch tone is now 4
23	1 Hour Unlock Tone 1—9, 0 = Disabled	23 0 *	0	23 7 *	1-Hour tone is now 7
24	Open Time 01 –99 default = 02	24 02 *	02 sec.	24 15*	Relay on for 15 seconds
25	Relay 1 Auto open Time Schedule	25 0 *	0	25 3 *	Door open, if TS3 true.
26	Strike Out Count 0—9,	26 0 *	3	26 3 *	3 strikes & you're out.
27	Lock Out Time 1—4 minutes	27 0 *	1	27 2 *	Locked out for 2 min.

Relay 2 Functions

Fn		Key Strokes	Default
31	Unlock Tone 1—9, 0 = Disabled	31 9 *	9
32	Latch Tone 1—9, 0 = Disabled	32 0 *	0
33	1 Hour Unlock Tone 1—9, 0 = Disabled	33 0 *	0
34	Open Time 01 –99 default = 02 sec.	34 02 *	02
35	Relay 2 Auto open Time Schedule	35 0 *	0
36	Relay 2 Special Function 0-1 (Turns on when house called)	36 1 *	0

To Begin Programming:

Press *&0 at same time, 4 digits of pass code, then *.
Factory default = 7777 Ex. *0 7777 * and SG-2 will beep after each key stroke and then 3 times, if password is valid.
(Only one beep if NOT valid.)
Fn = Select Gate 2 Programming Function

SG-2 Advanced programming features
For additional information,
see SG-2 User Guide.

Relay Action Table	Time Schedule Table
0 = Relay 1 open 24/7 (For timed amount.)	0 = 24/7 (Will open at any time.)
1 = Relay 1 for Time Schedule	1 = Value of time schedule 1 See values on work sheet below.
2 = Relay 2 for Time Schedule	2 = Value of time schedule 2 See values on work sheet below.
3 = Relay 1 & 2 for Time Schedule	3 = Value of time schedule 3 See values on work sheet below.
4 = Relay 1 on forever (latched open)	4 = Value of time schedule 4 See values on work sheet below.
5 = Relay 2 on forever (latched open)	5 = Value of time schedule 5 See values on work sheet below.
6 = Relay 1 & 2 on forever (latched open)	6 = Value of time schedule 6 See values on work sheet below.
7 = Relay 1 on for 1 hour	7 = Value of time schedule 7 See values on work sheet below.
8 = Relay 2 on for 1 hour	8 = Value of time schedule 4 & 5 See values on work sheet below.
9 = Relay 1 & 2 on for 1 hour	9 = Value of time schedule 6 & 7 See values on work sheet below.

Call Forward

Fn		Key Stroke	Default
61	Call Forward Tone 1—9 (0 disables)	61 0 *	0
62	Call Forward House Notification (Choices are 0—1) (0 rings house 0 times, 1 rings house 1 time)	62 0 *	0
63	Call Forward Time Schedule 0—9 (TS 1—9, 0 = 24/7)	63 0 *	0
64	Call Forward On / Off 0—1 (0 = Off, 1 = On)	64 0 *	0
65	Call Forward Phone Number (Up to 16 digits)	65+(16 dig) *	0

Call Enable Time Schedule

Allows what hours of day and days of week and holidays that Select Gate 2 is allowed to call the house.

Fn		Key Strokes	Default
43	Call Enable Time Schedule 1—9	43 (TS) *	0

0 = Enabled all the time.
Case 1:   Call Enable = 0   Calls house 24/7
Case 2:   Call Enable = 1   Calls when TS1 is true.
Case 3:   Call Enable = 8   Calls when TS4 or TS5 is true.

Maintenance

Fn		Keystrokes
83	Clear Log.	831*
91	Clear all Phone numbers.	91 1010 *
92	Clear all PIN Numbers.	92 1010 *
93	Clear all Card Numbers.	93 1010 *
94	Set all relays to factory defaults.	94 1010 *
95	Set System * Password.	95 1010 *
96	Set Call Forward.	96 1010 *
97	Clear all Time Schedules.	97 1010 *
98	Clear all Holidays.	98 1010 *
99	Clear Everything.	99 1010 *

Example: 99 1010 * will clear ALL PINs, Phone numbers, Card numbers and set all other functions back to Factory Defaults.

Set Clock

Fn	Min.	Hour	Day#	Date	Month	Year
79	MM	HH	DW	DD	MM	YY

Example: To set a time of 2:18 PM on Wednesday the 24th of April 2002, you would key in:
79 18 14 4 24 04 02 *

Day # (DW)	Sun. = 1	Wed. = 4	Sat. = 7
	Mon. = 2	Thu. = 5	
	Tue. = 3	Fri. = 6	

Set It and Forget It (Initial First-Time, One-Time Only Setup Features)

Ring Cadence: S=Short, L = Long

Fn		Key Strokes	Default
41	Ring Type 1–4 1=SS 2=SL 3=LS 4=LL	41 1 *	1
42	Ring Count 1—9	42 9 *	9
44	Call Waiting Type 1—4 (1=SS 2=SL 3=LS 4=LL)	44 1 *	1
45	Ring Detect 00—99	45 09 *	09
46	Back Beep 0 = Off, 1 = On	46 0 *	0
47	Talk Time 1—9 Minutes.	47 1 *	1
48	Keypad active after calling house (0 = Off, 1= On)	48 0 *	0
51	Programming Password	51 7777 *	7777

Set Holidays

Fn	H	MM	DD	Key Strokes
78	0	____	____ *	780 MMDD *
78	1	____	____ *	781 MMDD *
78	2	____	____ *	782 MMDD *
78	3	____	____ *	783 MMDD *
78	4	____	____ *	784 MMDD *
78	5	____	____ *	785 MMDD *
78	6	____	____ *	786 MMDD *
78	7	____	____ *	787 MMDD *
78	8	____	____ *	788 MMDD *
78	9	____	____ *	789 MMDD *

Example: (New Year's Day)   780 01 01 *

Set Time Schedule Worksheet

Fn	TS	SH	SM	EH	EM	1 Su	2 Mo	3 Tu	4 We	5 Th	6 Fr	7 Sa	8 H	
7	1	___	___	___	___									*
7	2	___	___	___	___									*
7	3	___	___	___	___									*
7	4	___	___	___	___									*
7	5	___	___	___	___									*
7	6	___	___	___	___									*
7	7	___	___	___	___									*

Use this worksheet to plan what times of day, or days of week, you want to be valid.
   8   Time Schedule 8 is combination of TS-4 & TS-5
   9   Time Schedule 9 is combination of TS-6 & TS-7
   0   Time Schedule Zero is always valid 24/7

Example: Set TS 1 to open from 8:30 AM to 1:15 PM (add 12 to PM numbers) All days and holidays: Keystrokes = 7 1 0830131512345678 * If you make a mistake on any Time Schedule entry, press # and re-enter from beginning.