

SILENT KNIGHT
MODEL 4720
CONTROL/COMMUNICATOR
PROGRAMMING RECORD
REVISED JUNE 1990
PART NUMBER 150298

Table of Contents

1 INTRODUCTION 1

2 AREA CONTROL OPTIONS (4721 ONLY) 1

3 SYSTEM OPTS. 1

4 INTERNAL ZONES 3

5 EXPANSION ZONES 4

6 DIALER 5

7 INTERCOM 7

8 TIMERS 7

9 ACCESS OPTS. 8

10 SECRET CODES 8

11 DOOR STATIONS 8

12 WINDOWS 13

13 SYSTEM MESSAGES 15

14 ZONE TYPES 17

15 AREA AND ZONE LOCATIONS 17

 15.1 AREA LOCATIONS (AREA MODE/4721 ONLY) 17

 15.2 ZONE LOCATIONS 17

1 INTRODUCTION

To use this form, circle the appropriate answer for each option or fill in the blanks where necessary. It is recommended that you use a pencil to fill in this form so that options can be easily changed.

For more information on each of the options, see the Model 4720 Programming Options Description (P/N 150299).

FOR USE WITH MODEL 5520 SOFTWARE
REVISION LEVEL 880722 OR LATER

DATE _ _/ _ _/ _ _

Customer name _____

Address _____

Phone # _____

Account # _____

2 AREA CONTROL OPTIONS (4721 ONLY)

To program the 4721, first go to the INTERNAL ZONES options. Under the ZONING MODE, select AREA MODE. This will cause the 5520 to display Area Control options in addition to the standard options.

3 SYSTEM OPTS.

NOTE: Three digital keystations are being replaced by newer models. The Model 4200 is being replaced by the Model 4203, the Model 4430 by the Model 4433, and the Model 4530 by the Model 4533. (Models 4200 and 4203 are not recognized by Underwriters Laboratories.) On these new keystations, the <SHUNT> key has been renamed the <BYPASS> key, and the <NOT READY> key has been renamed the <STATUS> key. Throughout the manual, the old key name will be shown in parentheses after the new name.

<u>OPTION</u>	<u>SELECTION</u>				
DEFAULT MODE	-	Disarm	Open	Force Close	Close
DNLD IF DEFAULT	-	Yes	No		
BELL TEST @ PUC	-	Yes	No		
DIALER	-	Yes	No		
PRINTER	-	Yes	No		
ZONE EXP1	-	Yes	No		
ZONE EXP2	-	Yes	No		
INTERCOM	-	Yes	No		
AUX CONTROL	-	Yes	No		
4203 (4200) OR MK	-	Yes	No		
SYSTEM TYPE	-	Residential	Commercial		

<u>OPTION</u>	<u>SELECTION</u>			
INSTANT IF INTRUSION	-	Yes	No	
FORCE ARM	-	Yes	No	
INT ON @ INTRU	-	Yes	No	
INT FOLLOWERS	-	Yes	No	
ARM LOCK INT KEY	-	Yes	No	
INT OFF @ DISARM	-	Yes	No	
AUTO INTERIOR	-	Yes	No	
EXIT BEEPS	-	Yes	No	
SILNT NIGHT TRBL	-	Yes	No	
KEY BEEP SPKR	-	Yes	No	
E/E BEEP PZT	-	Yes	No	
SWINGER BYPASS (SHUNT)	-	Yes	No	
DELAYED BYPASS (SHUNT)	-	Yes	No	
AUTO UNBYPASS (UNSHUNT)	-	Yes	No	
BYPASS (SHUNT) CODE	-	Yes	No	
ACCESS WINDOWS	-	Yes	No	
REPORT DO/DF	-	Yes	No	
REPORT ALL OP/CL	-	Yes	No	
REP EXCPTN OP/CL	-	Yes	No	
REPORT OT/CT	-	Yes	No	
REPORT DG	-	Yes	No	
HIGH SECURITY	-	Yes	No	
MILITARY TIME	-	Yes	No	
MAX SKEY ID	-	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		
DISPLAY RATE	-	.5 Sec.	1 Sec.	1.5 Sec. 2 Sec.
SPLIT BYPASSING (SHUNTING) (4720 only/NOT in AREA Mode)	-	Yes	No	
CHIME PZT (4720 only/NOT in AREA Mode)	-	Yes	No	SPLIT LEDs - Yes No (4721/AREA Mode only)
RINGBACK @ CLOSE	-	Yes	No	
AUTO OPEN (4720 only/NOT in AREA Mode)	-	Yes	No	SHOW ARMED AREAS - Yes No (4721/AREA Mode only)
FAST RESTORES	-	Yes	No	
DURESS	-	Yes	No	
BELL TEST @ ARM	-	Yes	No	
AUX CODE	-	Yes	No	
AUTO CLOSE	-	Yes	No	
HOURLY TEST	-	Yes	No	

4 INTERNAL ZONES

ZONE MODE - STANDARD AREA
OF AREAS - - (1-8)
(AREA Mode/4721 only)
LAST INT Z# - - (0-16)

For this section, circle the appropriate zone numbers for each option.

NOTE: Zones 10 thru 16 are entered as A thru G respectively.

	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	G
DAY TROUBLE	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
24HR TROUBLE	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
N.C. CONTACT	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
N.O. CONTACT	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
SPEED 2 OR 4	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
SPEED 3 OR 4	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
24HR ALARM	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
EXIT DELAY	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ENTRY DELAY 1	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ENTRY DELAY 2	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
INTERIOR	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BYPASSABLE (SHUNTABLE)	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CHIME	-1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

5 EXPANSION ZONES

LAST EXP1 ZONE - _ _ (0-80)

LAST EXP2 ZONE - _ _ (0-80)

RESIDENCE CODE - _ _ _ _ (maximum code of 1024)

Before circling the Expansion Zones below, cross out the numbers that represent Internal Zones. They will not appear on the programmer display.

24HR ALARM

EXIT DELAY

ENTRY DELAY

0X 1 2 3 4 5 6 7 8 9
1X 0 1 2 3 4 5 6 7 8 9
2X 0 1 2 3 4 5 6 7 8 9
3X 0 1 2 3 4 5 6 7 8 9
4X 0 1 2 3 4 5 6 7 8 9
5X 0 1 2 3 4 5 6 7 8 9
6X 0 1 2 3 4 5 6 7 8 9
7X 0 1 2 3 4 5 6 7 8 9
8X 0

0X 1 2 3 4 5 6 7 8 9
1X 0 1 2 3 4 5 6 7 8 9
2X 0 1 2 3 4 5 6 7 8 9
3X 0 1 2 3 4 5 6 7 8 9
4X 0 1 2 3 4 5 6 7 8 9
5X 0 1 2 3 4 5 6 7 8 9
6X 0 1 2 3 4 5 6 7 8 9
7X 0 1 2 3 4 5 6 7 8 9
8X 0

0X 1 2 3 4 5 6 7 8 9
1X 0 1 2 3 4 5 6 7 8 9
2X 0 1 2 3 4 5 6 7 8 9
3X 0 1 2 3 4 5 6 7 8 9
4X 0 1 2 3 4 5 6 7 8 9
5X 0 1 2 3 4 5 6 7 8 9
6X 0 1 2 3 4 5 6 7 8 9
7X 0 1 2 3 4 5 6 7 8 9
8X 0

24HR TROUBLE

N.C. CONTACT

INTERIOR

0X 1 2 3 4 5 6 7 8 9
1X 0 1 2 3 4 5 6 7 8 9
2X 0 1 2 3 4 5 6 7 8 9
3X 0 1 2 3 4 5 6 7 8 9
4X 0 1 2 3 4 5 6 7 8 9
5X 0 1 2 3 4 5 6 7 8 9
6X 0 1 2 3 4 5 6 7 8 9
7X 0 1 2 3 4 5 6 7 8 9
8X 0

0X 1 2 3 4 5 6 7 8 9
1X 0 1 2 3 4 5 6 7 8 9
2X 0 1 2 3 4 5 6 7 8 9
3X 0 1 2 3 4 5 6 7 8 9
4X 0 1 2 3 4 5 6 7 8 9
5X 0 1 2 3 4 5 6 7 8 9
6X 0 1 2 3 4 5 6 7 8 9
7X 0 1 2 3 4 5 6 7 8 9
8X 0

0X 1 2 3 4 5 6 7 8 9
1X 0 1 2 3 4 5 6 7 8 9
2X 0 1 2 3 4 5 6 7 8 9
3X 0 1 2 3 4 5 6 7 8 9
4X 0 1 2 3 4 5 6 7 8 9
5X 0 1 2 3 4 5 6 7 8 9
6X 0 1 2 3 4 5 6 7 8 9
7X 0 1 2 3 4 5 6 7 8 9
8X 0

BYPASSABLE (SHUNTABLE)

0X 1 2 3 4 5 6 7 8 9
1X 0 1 2 3 4 5 6 7 8 9
2X 0 1 2 3 4 5 6 7 8 9
3X 0 1 2 3 4 5 6 7 8 9
4X 0 1 2 3 4 5 6 7 8 9
5X 0 1 2 3 4 5 6 7 8 9
6X 0 1 2 3 4 5 6 7 8 9
7X 0 1 2 3 4 5 6 7 8 9
8X 0

6 DIALER

COMPUTER PH#	-	-----			
RETRY IF FAIL	-	Yes	No		
2 PHONE LINES	-	Yes	No		
GROUND START	-	Yes	No		
LINE MONITOR	-	Yes	No		
ANSWER RING DET	-	Yes	No		
STORE OP/CL	-	Yes	No		
UP/DOWN USED	-	Yes	No		
LOCAL ONLY	-	Yes	No	(SOFTWARE REVISIONS DATED 4/89 OR LATER)	
FAIL ATTEMPTS	-	--	(1-15)		
TOTAL ATTEMPTS	-	--	(1-15)		
# RINGS	-	--	(0-15)		
AC LOSS HOURS	-	--	(1-15)		
REPORT ALARM	-	#1	#2	#3	#4
REPORT TROUBLE	-	#1	#2	#3	#4
REPORT BYPASS (SHUNT)	-	#1	#2	#3	#4
REPORT RESTORE	-	#1	#2	#3	#4
REPORT OP RESET	-	#1	#2	#3	#4
REPORT OP/CL	-	#1	#2	#3	#4
REPORT DOOR	-	#1	#2	#3	#4
REPORT TEST	-	#1	#2	#3	#4
MUST REPORT	-	#1	#2	#3	#4
TOUCHTONE	-	#1	#2	#3	#4 (SOFTWARE REV 880722 OR EARLIER)
TOUCHTONE LINE 1	-	Yes	No	(SOFTWARE REVISIONS DATED 4/89 OR LATER)	
TOUCHTONE LINE 2	-	Yes	No	(SOFTWARE REVISIONS DATED 4/89 OR LATER)	
TOUCHTONE ONLY	-	Yes	No	(SOFTWARE REVISIONS DATED 4/89 OR LATER)	
PHONE #1	-	-----			
PHONE #2	-	-----			
PHONE #3	-	-----			
PHONE #4	-	-----			

NOTE: The Security Equipment Industry Association (SEIA) has changed its name to the Security Industry Association (SIA)

FORMATS

- 1 = SIA8 (formerly SEIA8)
- 2 = FSK 1
- 3 = FSK 2
- 4 = BFSK 1400HZ
- 5 = BFSK 2300HZ
- 6 = SIA20
- 7 = SK 4/2
- 8 = SESCOA 4/2

ACCOUNT #1 - - - - -
 FORMAT #1 - - _____
 ATTEMPTS #1 - - - (1-7)
 LISTEN TIME - - - - Sec. (0-255)
 LISTEN TO - 1 (All Reports) 2 (Alarm/Test)
 USE LINE 1 ONLY - Yes No
 USE LINE 2 ONLY - Yes No
 DIRECT LINE - Yes No

ACCOUNT #2 - - - - -
 FORMAT #2 - - _____
 ATTEMPTS #2 - - - (1-7)
 LISTEN TIME - - - - Sec. (0-255)
 LISTEN TO - 1 (All Reports) 2 (Alarm/Test)
 USE LINE 1 ONLY - Yes No
 USE LINE 2 ONLY - Yes No
 DIRECT LINE - Yes No

ACCOUNT #3 - - - - -
 FORMAT #3 - - _____
 ATTEMPTS #3 - - - (1-7)
 LISTEN TIME - - - - Sec. (0-255)
 LISTEN TO - 1 (All Reports) 2 (Alarm/Test)
 USE LINE 1 ONLY - Yes No
 USE LINE 2 ONLY - Yes No
 DIRECT LINE - Yes No

ACCOUNT #4 - - - - -
 FORMAT #4 - - _____
 ATTEMPTS #4 - - - (1-7)
 LISTEN TIME - - - - Sec. (0-255)
 LISTEN TO - 1 (All Reports) 2 (Alarm/Test)
 USE LINE 1 ONLY - Yes No
 USE LINE 2 ONLY - Yes No
 DIRECT LINE - Yes No

7 INTERCOM

ICOM TIMEOUT - _ _ _ Sec. (1-255)
LONG DIST OK - Yes No
PHONE TIME-OUT - Yes No (Same As Intercom Time-Out)
ONE WAY LISTEN - Yes No
TOUCHTONE - Yes No
NEED DIAL TONE - Yes No
MEM DIAL ONLY - Yes No
RING STATIONS - 1 2 3 4 5 6 7 8
LISTEN STATIONS - 1 2 3 4 5 6 7 8
QUIET STATIONS - 1 2 3 4 5 6 7 8
MEM PH#1 - _ _ _ _ _ _ _ _ _ _
MEM PH#2 - _ _ _ _ _ _ _ _ _ _

8 TIMERS

AUD SHUTDOWN - _ _ _ (1-255) Seconds/10
EXIT DELAY - _ _ _ (1-255) Seconds
ENTRY DELAY 1 - _ _ _ (1-255) Seconds
ENTRY DELAY 2 - _ _ _ (1-255) Seconds
SWINGER WINDOW - _ _ _ (1-24) Hours
RF SUPERVISION - _ _ (2-24) Hours
DOOR STRIKE - _ _ (1-15) .8-Second Intervals
DOOR OPEN MAX - _ _ _ (1-255) Seconds
ALM REP DELAY - _ _ _ (1-255) Seconds
CLOSED DAYS - Sun Mon Tue Wed Thu Fri Sat
SPECIAL DAYS - Sun Mon Tue Wed Thu Fri Sat
AUTO TEST - Yes No
DAILY TEST - Yes No
TEST DAY - Sun Mon Tue Wed Thu Fri Sat
TEST TIME - _ _ : _ _ (Military Time)

9 ACCESS OPTS.

For each code, select the functions available to that user. The functions are Door (DR), Bypass (BY) [Shunt (SH)], Arm or Close (CL), and Disarm or Open (OP). Circle the desired options in the ACCESS OPTS columns on pages 9 and 11.

10 SECRET CODES

First, enter the Duress Trigger (1 or 2 digits).

DURESS TRIGGER - - -

Next enter the secret code for each user on pages 9 and 11. All codes should be the same length, from 3 to 6 digits, and no code can start with the Duress Trigger digit(s).

The User Name and Card Number columns are for your reference only. They are not entered into the programmer.

NOTE: If HIGH SECURITY access was selected, Code #99 will be the high-security code.

11 DOOR STATIONS

On pages 10 and 12, circle the keystation ID# (DOOR STATIONS column) of each door that can be accessed by that user.

Then select 0-15 under the NORMAL GROUP # and/or SPECIAL GROUP # to specify on which days each user will be able to access the system.

*NOTE: If "0" is selected for a specific user under the NORMAL GROUP #, that user can **always** access the system on NORMAL days. If "1" is selected, the user can **never** access the system on NORMAL days.*

*If "0" is selected for a specific user under the SPECIAL GROUP #, that user can **always** access the system on SPECIAL days. If "1" is selected, the user can **never** access the system on SPECIAL days.*

See pages 13 and 14 for the time windows for Groups 2-15.

ACCESS OPTS

<u>CODE #</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>SECRET CODE</u>	<u>User Name</u>	<u>Card #</u>
0	DR	BY(SH)	CL	OP	---	_____	_____
1	DR	BY(SH)	CL	OP	---	_____	_____
2	DR	BY(SH)	CL	OP	---	_____	_____
3	DR	BY(SH)	CL	OP	---	_____	_____
4	DR	BY(SH)	CL	OP	---	_____	_____
5	DR	BY(SH)	CL	OP	---	_____	_____
6	DR	BY(SH)	CL	OP	---	_____	_____
7	DR	BY(SH)	CL	OP	---	_____	_____
8	DR	BY(SH)	CL	OP	---	_____	_____
9	DR	BY(SH)	CL	OP	---	_____	_____
10	DR	BY(SH)	CL	OP	---	_____	_____
11	DR	BY(SH)	CL	OP	---	_____	_____
12	DR	BY(SH)	CL	OP	---	_____	_____
13	DR	BY(SH)	CL	OP	---	_____	_____
14	DR	BY(SH)	CL	OP	---	_____	_____
15	DR	BY(SH)	CL	OP	---	_____	_____
16	DR	BY(SH)	CL	OP	---	_____	_____
17	DR	BY(SH)	CL	OP	---	_____	_____
18	DR	BY(SH)	CL	OP	---	_____	_____
19	DR	BY(SH)	CL	OP	---	_____	_____
20	DR	BY(SH)	CL	OP	---	_____	_____
21	DR	BY(SH)	CL	OP	---	_____	_____
22	DR	BY(SH)	CL	OP	---	_____	_____
23	DR	BY(SH)	CL	OP	---	_____	_____
24	DR	BY(SH)	CL	OP	---	_____	_____
25	DR	BY(SH)	CL	OP	---	_____	_____
26	DR	BY(SH)	CL	OP	---	_____	_____
27	DR	BY(SH)	CL	OP	---	_____	_____
28	DR	BY(SH)	CL	OP	---	_____	_____
29	DR	BY(SH)	CL	OP	---	_____	_____
30	DR	BY(SH)	CL	OP	---	_____	_____
31	DR	BY(SH)	CL	OP	---	_____	_____
32	DR	BY(SH)	CL	OP	---	_____	_____
33	DR	BY(SH)	CL	OP	---	_____	_____
34	DR	BY(SH)	CL	OP	---	_____	_____
35	DR	BY(SH)	CL	OP	---	_____	_____
36	DR	BY(SH)	CL	OP	---	_____	_____
37	DR	BY(SH)	CL	OP	---	_____	_____
38	DR	BY(SH)	CL	OP	---	_____	_____
39	DR	BY(SH)	CL	OP	---	_____	_____
40	DR	BY(SH)	CL	OP	---	_____	_____
41	DR	BY(SH)	CL	OP	---	_____	_____
42	DR	BY(SH)	CL	OP	---	_____	_____
43	DR	BY(SH)	CL	OP	---	_____	_____
44	DR	BY(SH)	CL	OP	---	_____	_____
45	DR	BY(SH)	CL	OP	---	_____	_____
46	DR	BY(SH)	CL	OP	---	_____	_____
47	DR	BY(SH)	CL	OP	---	_____	_____
48	DR	BY(SH)	CL	OP	---	_____	_____
49	DR	BY(SH)	CL	OP	---	_____	_____

(Codes 50-99 continued on page 11)

<u>CODE #</u>	<u>DOOR STATIONS</u>	<u>NORMAL GROUP #</u>	<u>SPECIAL GROUP #</u>
0	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
1	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
2	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
3	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
4	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
5	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
6	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
7	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
8	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
9	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
10	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
11	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
12	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
13	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
14	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
15	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
16	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
17	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
18	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
19	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
20	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
21	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
22	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
23	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
24	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
25	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
26	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
27	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
28	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
29	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
30	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
31	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
32	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
33	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
34	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
35	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
36	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
37	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
38	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
39	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
40	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
41	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
42	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
43	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
44	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
45	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
46	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
47	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
48	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
49	1 2 3 4 5 6 7 8 9 A B C D E F	--	--

(Codes 50-99 continued on page 12)

ACCESS OPTS

<u>CODE #</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>SECRET CODE</u>	<u>User Name</u>	<u>Card #</u>
50	DR	BY(SH)	CL	OP	- - - - -		
51	DR	BY(SH)	CL	OP	- - - - -		
52	DR	BY(SH)	CL	OP	- - - - -		
53	DR	BY(SH)	CL	OP	- - - - -		
54	DR	BY(SH)	CL	OP	- - - - -		
55	DR	BY(SH)	CL	OP	- - - - -		
56	DR	BY(SH)	CL	OP	- - - - -		
57	DR	BY(SH)	CL	OP	- - - - -		
58	DR	BY(SH)	CL	OP	- - - - -		
59	DR	BY(SH)	CL	OP	- - - - -		
60	DR	BY(SH)	CL	OP	- - - - -		
61	DR	BY(SH)	CL	OP	- - - - -		
62	DR	BY(SH)	CL	OP	- - - - -		
63	DR	BY(SH)	CL	OP	- - - - -		
64	DR	BY(SH)	CL	OP	- - - - -		
65	DR	BY(SH)	CL	OP	- - - - -		
66	DR	BY(SH)	CL	OP	- - - - -		
67	DR	BY(SH)	CL	OP	- - - - -		
68	DR	BY(SH)	CL	OP	- - - - -		
69	DR	BY(SH)	CL	OP	- - - - -		
70	DR	BY(SH)	CL	OP	- - - - -		
71	DR	BY(SH)	CL	OP	- - - - -		
72	DR	BY(SH)	CL	OP	- - - - -		
73	DR	BY(SH)	CL	OP	- - - - -		
74	DR	BY(SH)	CL	OP	- - - - -		
75	DR	BY(SH)	CL	OP	- - - - -		
76	DR	BY(SH)	CL	OP	- - - - -		
77	DR	BY(SH)	CL	OP	- - - - -		
78	DR	BY(SH)	CL	OP	- - - - -		
79	DR	BY(SH)	CL	OP	- - - - -		
80	DR	BY(SH)	CL	OP	- - - - -		
81	DR	BY(SH)	CL	OP	- - - - -		
82	DR	BY(SH)	CL	OP	- - - - -		
83	DR	BY(SH)	CL	OP	- - - - -		
84	DR	BY(SH)	CL	OP	- - - - -		
85	DR	BY(SH)	CL	OP	- - - - -		
86	DR	BY(SH)	CL	OP	- - - - -		
87	DR	BY(SH)	CL	OP	- - - - -		
88	DR	BY(SH)	CL	OP	- - - - -		
89	DR	BY(SH)	CL	OP	- - - - -		
90	DR	BY(SH)	CL	OP	- - - - -		
91	DR	BY(SH)	CL	OP	- - - - -		
92	DR	BY(SH)	CL	OP	- - - - -		
93	DR	BY(SH)	CL	OP	- - - - -		
94	DR	BY(SH)	CL	OP	- - - - -		
95	DR	BY(SH)	CL	OP	- - - - -		
96	DR	BY(SH)	CL	OP	- - - - -		
97	DR	BY(SH)	CL	OP	- - - - -		
98	DR	BY(SH)	CL	OP	- - - - -		
99	DR	BY(SH)	CL	OP	- - - - -		

<u>CODE #</u>	<u>DOOR STATIONS</u>	<u>NORMAL GROUP #</u>	<u>SPECIAL GROUP #</u>
50	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
51	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
52	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
53	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
54	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
55	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
56	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
57	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
58	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
59	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
60	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
61	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
62	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
63	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
64	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
65	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
66	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
67	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
68	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
69	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
70	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
71	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
72	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
73	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
74	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
75	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
76	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
77	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
78	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
79	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
80	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
81	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
82	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
83	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
84	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
85	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
86	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
87	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
88	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
89	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
90	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
91	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
92	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
93	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
94	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
95	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
96	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
97	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
98	1 2 3 4 5 6 7 8 9 A B C D E F	--	--
99	1 2 3 4 5 6 7 8 9 A B C D E F	--	--

12 WINDOWS

Write in the time windows during which the system should be opened and closed on Normal and Special days. Skip this section if O/C Windows will NOT be used.

NOTE: Enter times using the Military Format (00:00-23:59).

NORM OPEN FROM _ _ : _ _ UNTIL _ _ : _ _
NORM CLOSE FROM _ _ : _ _ UNTIL _ _ : _ _
SPECIAL OPEN FROM _ _ : _ _ UNTIL _ _ : _ _
SPEC CLOSE FROM _ _ : _ _ UNTIL _ _ : _ _

Skip to System Messages (Section 13) if not using Access Windows.

ACCESS WINDOWS Yes No

Write in the time windows during which each group of codes will be able to access the system on Normal days.

NORM TIME #2 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #3 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #4 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #5 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #6 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #7 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #8 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #9 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #10 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #11 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #12 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #13 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #14 FROM _ _ : _ _ UNTIL _ _ : _ _
NORM TIME #15 FROM _ _ : _ _ UNTIL _ _ : _ _

SPEC TIME #2 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #3 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #4 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #5 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #6 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #7 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #8 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #9 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #10 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #11 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #12 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #13 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #14 FROM _.:_ _ UNTIL _.:_ _
 SPEC TIME #15 FROM _.:_ _ UNTIL _.:_ _

At the following prompts, key in the numbers you have listed under NORMAL GROUP # and SPECIAL GROUP # columns on pages 10 and 12.

NORM GRP CODE #0 _

SPEC GRP CODE #0 _

NOTES: Group 0 will be able to access at any time of day.

Group 1 will not be able to access at all.

Groups 2-15 will be able to access during the time windows selected above.

WINDOWS (AREA MODE/4721 ONLY)

Divide the users into groups, each member of which has access to the same area(s). Then enter the groups numbers under the NORMAL GROUP column on pages 10 and 12.

AREAS TO CLOSE - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#0 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#1 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#2 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#3 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#4 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#5 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#6 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#7 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#8 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#9 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#10 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#11 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#12 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#13 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#14 - 1 2 3 4 5 6 7 8
 AREAS FOR GRP#15 - 1 2 3 4 5 6 7 8

13 SYSTEM MESSAGES

NOTE: (NOT USED) = Blank display.

MESSAGE #	DEFAULT MESSAGE	ALTERED MESSAGE
0	(NOT USED)	(NOT USED)
1	BYPASSED (SHUNTED)	-----
2	NOT READY	-----
3	READY	-----
4	TROUBLE	-----
5	LOW BATTERY	-----
6	SILENCED	-----
7	OPEN	-----
8	SERVICE	-----
9	WALK TEST	-----
10	(NOT USED)	(NOT USED)
11	DATE	-----
12	TIME	-----
13	INTERCOM	-----
14	PHONE	-----
15	DOOR	-----
16	ARMED	-----
17	CODE2	-----
18	INSTANT	-----
19	COMPLETE	-----
20	PERIMETER	-----
21	(NOT USED)	(NOT USED)
22	(NOT USED)	(NOT USED)
23	RESTRICTED	-----
24	TRY AGAIN	-----
25	ENTER CODE	-----
26	CODE	-----
27	SEC TO	-----
28	EXIT	-----
29	ALARM	-----
30	DEVICE	-----
31	KEYSTATION	-----

SYSTEM MESSAGES continued

32	SUN	---
33	MON	---
34	TUE	---
35	WED	---
36	THU	---
37	FRI	---
38	SAT	---
39	(NOT USED)	(NOT USED)
40	AM	--
41	PM	--
42	REPORTING	-----
43	LISTENING	-----
44	UP/DOWNLOAD	-----
45	ZONE	-----
46	(NOT USED)	(NOT USED)
47	(NOT USED)	(NOT USED)
48	PAPER	-----
49	(NOT USED)	(NOT USED)
50	DATA LOST	-----
51	FAILED	-----
52	BATTERY	-----
53	AC	--
54	LINE 1	-----
55	LINE 2	-----
56	HOLDUP	-----
57	FIRE	-----
58	MEDICAL	-----
59	PANIC	-----
60	INTRUSION	-----
61	TAMPER	-----
62	GAS	-----
63	AUXILIARY	-----

14 ZONE TYPES

To program the zone type (see form on the next page), use the arrow keys to select the desired zone type, and press **<ENTER>**. Then select options by pressing **<1>**, **<2>**, **<3>**, **<4>** or **<S>**, **<R>**, ****, **<N>**.

Chart of Zone Types:

- | | |
|---------------|-------------------------|
| H - Holdup | U - Undefined Auxiliary |
| F - Fire | W - Water |
| M - Medical | H - Heat |
| P - Panic | C - Cold |
| B - Intrusion | L - Local Auxiliary |
| T - Tamper | N - Not used |
| G - Gas | D - Doorbell |

Chart of Zone Options:

- SA - Silent Alarm
- RD - alarm Report Delayed
- BD - external Bell Delayed until dialer fail
- NS - No bell Shutdown

15 AREA AND ZONE LOCATIONS

15.1 AREA LOCATIONS (AREA MODE/4721 ONLY)

AREA #1 - - - - -
AREA #2 - - - - -
AREA #3 - - - - -
AREA #4 - - - - -
AREA #5 - - - - -
AREA #6 - - - - -
AREA #7 - - - - -
AREA #8 - - - - -

15.2 ZONE LOCATIONS

To program the ZONE LOCATIONS (last column of form on next page), enter descriptions such as "FRONT DOOR", "BACK DOOR", etc. (13 characters maximum).

<u>ZONE #</u>	<u>TYPE</u>	<u>OPTIONS</u>	<u>LOCATION</u>
1	_____	SA RD BD NS	- - - - -
2	_____	SA RD BD NS	- - - - -
3	_____	SA RD BD NS	- - - - -
4	_____	SA RD BD NS	- - - - -
5	_____	SA RD BD NS	- - - - -
6	_____	SA RD BD NS	- - - - -
7	_____	SA RD BD NS	- - - - -
8	_____	SA RD BD NS	- - - - -
9	_____	SA RD BD NS	- - - - -
10	_____	SA RD BD NS	- - - - -
11	_____	SA RD BD NS	- - - - -
12	_____	SA RD BD NS	- - - - -
13	_____	SA RD BD NS	- - - - -
14	_____	SA RD BD NS	- - - - -
15	_____	SA RD BD NS	- - - - -
16	_____	SA RD BD NS	- - - - -
17	_____	SA RD BD NS	- - - - -
18	_____	SA RD BD NS	- - - - -
19	_____	SA RD BD NS	- - - - -
20	_____	SA RD BD NS	- - - - -
21	_____	SA RD BD NS	- - - - -
22	_____	SA RD BD NS	- - - - -
23	_____	SA RD BD NS	- - - - -
24	_____	SA RD BD NS	- - - - -
25	_____	SA RD BD NS	- - - - -
26	_____	SA RD BD NS	- - - - -
27	_____	SA RD BD NS	- - - - -
28	_____	SA RD BD NS	- - - - -
29	_____	SA RD BD NS	- - - - -
30	_____	SA RD BD NS	- - - - -
31	_____	SA RD BD NS	- - - - -
32	_____	SA RD BD NS	- - - - -
33	_____	SA RD BD NS	- - - - -
34	_____	SA RD BD NS	- - - - -
35	_____	SA RD BD NS	- - - - -
36	_____	SA RD BD NS	- - - - -
37	_____	SA RD BD NS	- - - - -
38	_____	SA RD BD NS	- - - - -
39	_____	SA RD BD NS	- - - - -
40	_____	SA RD BD NS	- - - - -
41	_____	SA RD BD NS	- - - - -
42	_____	SA RD BD NS	- - - - -
43	_____	SA RD BD NS	- - - - -
44	_____	SA RD BD NS	- - - - -
45	_____	SA RD BD NS	- - - - -
46	_____	SA RD BD NS	- - - - -
47	_____	SA RD BD NS	- - - - -
48	_____	SA RD BD NS	- - - - -
49	_____	SA RD BD NS	- - - - -
50	_____	SA RD BD NS	- - - - -
51	_____	SA RD BD NS	- - - - -
52	_____	SA RD BD NS	- - - - -
53	_____	SA RD BD NS	- - - - -
54	_____	SA RD BD NS	- - - - -
55	_____	SA RD BD NS	- - - - -
56	_____	SA RD BD NS	- - - - -
57	_____	SA RD BD NS	- - - - -

58	_____	SA	RD	BD	NS	_____
59	_____	SA	RD	BD	NS	_____
60	_____	SA	RD	BD	NS	_____
61	_____	SA	RD	BD	NS	_____
62	_____	SA	RD	BD	NS	_____
63	_____	SA	RD	BD	NS	_____
64	_____	SA	RD	BD	NS	_____
65	_____	SA	RD	BD	NS	_____
66	_____	SA	RD	BD	NS	_____
67	_____	SA	RD	BD	NS	_____
68	_____	SA	RD	BD	NS	_____
69	_____	SA	RD	BD	NS	_____
70	_____	SA	RD	BD	NS	_____
71	_____	SA	RD	BD	NS	_____
72	_____	SA	RD	BD	NS	_____
73	_____	SA	RD	BD	NS	_____
74	_____	SA	RD	BD	NS	_____
75	_____	SA	RD	BD	NS	_____
76	_____	SA	RD	BD	NS	_____
77	_____	SA	RD	BD	NS	_____
78	_____	SA	RD	BD	NS	_____
79	_____	SA	RD	BD	NS	_____
80	_____	SA	RD	BD	NS	_____
81	_____	SA	RD	BD	NS	<u>K E Y S T A T I O N</u> (<FIRE> key)
82	_____	SA	RD	BD	NS	<u>K E Y S T A T I O N</u> (<EMER> key)
83	_____	SA	RD	BD	NS	<u>K E Y S T A T I O N</u> (<POLICE> key)