SPI-648 INSTALLATION AND PROGRAMMING WORKSHEET
DC-9A AND DC9A-TWV COMMUNICATOR PROGRAMMING WORKSHEET

Date Installed: _____

Installed By: _____

CUSTOMER INFORMATION

Customer: _____

Address: _____

_____ Zip _____

Home Phone: _____

Work Phone: _____

CENTRAL STATION INFORMATION

Dial: Rotary ☐ Touch Tone ☐

RJ-31X Location: _____

CS Phone #1: _____

Account #1: _____

Monitored By: _____

CS Phone #2: _____

Account #2: _____

Monitored By: _____

TRANSMITTER INFORMATION

RF System Code: _____

ID#	Function	Location
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____
____	_____	_____

HARDWIRE ZONE INFORMATION

#	Function	Location
1	_____	_____
2	_____	_____
3	_____	_____
4	_____	_____
5	_____	_____
6	_____	_____
7	_____	_____
8	_____	_____

LINE CARRIER LIGHTS INFORMATION

Housecode: _____ (A thru P)

Unit Code   Light -- Module Location

8   Fire/Audible-Police/Audible-Burglary/Medical

_____

_____

   Add: User Lights ☐ Courtesy Lights ☐

9   Fire/Medical _____

_____

   Add: User Lights ☐ Courtesy Lights ☐

10   User Lights _____

   Add: Courtesy Lights ☐

11   Armed to AWAY indicator

_____

RSI-4 _____

RSI-4 _____

NOTES

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

Notes: 1. Refer to the Installation Manual for complete details and restrictions for each program location.
2. References to the DC-9A Communicator also apply to the DC9A-TWV.
3. Refer to the next section for communicator programming.

OPTIONS FOR EACH LOCATION

LOCATION		DESCRIPTION	FACTORY	DEALER
00	01	RF SYSTEM CODE	6 4	

Valid System Codes are 01 thru 64. ALL RF functions are disabled when the number 00 or numbers greater than 64 are entered. It is strongly recommended to NOT use either 01 or 64 as the System Code.

02	SELECT ARMING METHOD	0	

0 = Single key arming
1 = User Code arming

03	HARDWIRE ONLY ARMING	0	

0 = RF and hardwire arm/disarm
1 = Hardwire only arm/disarm

04	DURESS CODES	0	

0 = Duress Codes disabled
1 = Duress Codes allowed

05	HW KEYPAD "AUX" KEY OPTIONS	0	

0 = Disabled	3 = Bypass CH 1	6 = Bypass CH 4
1 = User Lights	4 = Bypass CH 2	7 = Bypass HW Zone 6
2 = Medical alarm	5 = Bypass CH 3	

Note: AUX key bypassing in location 05 above is not affected by the options in location 06.

06	HW KEYPAD BYPASSING OPTIONS	0	

0 = Bypassing disabled
1 = Allow bypassing of RF Channels 1, 2, 3 and 4
2 = Allow bypassing of HW Burglary and HW 24Hr Special Zones

07	NIGHT MODE	0	

0 = NIGHT Mode arming disabled
1 = NIGHT Mode arming allowed

08	INTERIOR FOLLOWER	0	

0 = Follower disabled
1 = Follower enabled

09	BURGLARY SWINGER LOCKOUT	0	

0 = No limit on burglary alarms
1 = Lockout after 2 alarms

Options 1 thru 3 do not trip DC-9A. Options 4 thru 6 send report to DC-9A when SAT's begin.

10	AC LOSS OPTIONS	3	

0 = Disabled	
1 = SAT's at 30 seconds	4 = SAT's at 30 seconds
2 = SAT's at 1 minute	5 = SAT's at 1 minute
3 = SAT's at 20 minutes	6 = SAT's at 20 minutes

Options 8 thru C cause SAT beeps during the last 10 seconds.

11	EXIT DELAY	5	
12	ENTRANCE DELAY	5	

0 = No delay	4 = 25 seconds	8 = 20 seconds
1 = 10 seconds	5 = 30 seconds	9 = 25 seconds
2 = 15 seconds	6 = 45 seconds	A = 30 seconds
3 = 20 seconds	7 = 60 seconds	B = 45 seconds
		C = 60 seconds

RF Channels 44 (Always Audible) and 45 (Always Silent) are not affected by the options in location 13.

13	POLICE AUDIBLE OPTIONS	0	

0 = All Police alarms audible
1 = All Police alarms silent
2 = 1st alarm silent. Another alarm within 1 minute is audible.

Slow SAT beeps sound continuously for all options until silenced by User Code. Sirens are slow beeps.

14	MEDICAL AUDIBLE OPTIONS	0	

0 = SAT beeps only	2 = With 2 minute siren
1 = With 5 second siren	3 = With continuous siren

Slow SAT beeps sound continuously for options 0 thru 2 until silenced by User Code. Sirens are slow beeps.

15	24HR SPECIAL AUDIBLE OPTIONS	0	

0 = SAT beeps only	2 = With 2 minute siren
1 = With 5 second siren	3 = Silent ... no SAT's/siren

TONE OPTIONS TIME OUT OPTIONS

16	17	FIRE SIREN - TONE and TIME	5	2		
18	19	POLICE SIREN - TONE and TIME	2	2		
20	21	BURGLARY SIREN - TONE and TIME	0	2		

TONE OPTIONS		TIME OUT OPTIONS
0 = Sweep	4 = Sweep/"Fire"	0 = 1 minute
1 = Steady	5 = Steady/"Fire"	1 = 2 minutes
2 = Fast Pulse	6 = Fast Pulse/"Fire"	2 = 5 minutes
3 = HI-LO	7 = HI-LO/"Fire"	3 = 10 minutes
8 = Silent. Used only for		*4 = Continuous
Burglary, location 20.		**SEE RESTRICTIONS**

LOCATION		DESCRIPTION	FACTORY	DEALER
22	23	HW ZONE 1 TYPE and LOOP	0 0	
24	25	HW ZONE 2 TYPE and LOOP	0 0	
26	27	HW ZONE 3 TYPE and LOOP	0 0	
28	29	HW ZONE 4 TYPE and LOOP	0 0	
30	31	HW ZONE 5 TYPE and LOOP	0 0	
32	33	HW ZONE 6 TYPE and LOOP	0 0	
34	35	HW ZONE 7 TYPE and LOOP	0 0	
36	37	HW ZONE 8 TYPE and LOOP	0 0	

HARDWIRE ZONE TYPES

0 = Disabled
1 = Instant Perimeter
2 = Delay Perimeter
3 = 24Hr Instant Perimeter
4 = Delay Interior
5 = Instant Interior
6 = Delay Interior
    NIGHT Instant
7 = Instant Interior
    NIGHT Instant
8 = 24Hr Special
9 = Fire -- Loop must be
    slow, supervised.
A = Police
B = Medical
C = Keyswitch -- Use Zone 8 only.

LOOP CONFIGURATIONS

0 = Open/Closed - slow - supervised
1 = Open/Closed - fast - supervised
2 = Closed - slow
    Contact closed when secure.
3 = Closed - fast
4 = Open - slow
    Contact open when secure.
5 = Open - fast

Options 0 thru 3 are lights off at either 10 minutes or next input. Options 4 thru 7 leave lights on until next input.

LOCATION	DESCRIPTION	FACTORY	DEALER
38	LINE CARRIER USER LIGHTS	0	

0 = Normal. Code 10 only.
1 = Add lights to code 8
2 = Add lights to code 9
3 = Add lights to 8 and 9
    8 = Quick Lights
4 = Code 10 only
5 = Add lights to code 8
6 = Add lights to code 9
7 = Add lights to 8 and 9

| 39 | LINE CARRIER ENTRY/EXIT LIGHTS | 0 | |

0 = No entry/exit lights
1 = Add lights to code 8
2 = Add lights to code 9
3 = Add lights to 8 and 9
4 = Add lights to 10

| 40 | ACCESSORY HEADER ALARM OPTIONS | 0 | |

0 = All alarms sent to Accessory Output Header.
1 = Only audible alarms sent. Duress Code not sent.

| 41 | SALES DEMO MODE | 0 | |

0 = Normal system operation
1 = Sales Demo mode enabled

| 42 | PERMIT FIRE TESTING IN OWNER TEST | 0 | |

0 = Fire protection can be tested in Owner Test mode.
1 = Fire protection active at all times.

| 43 | MASTER CODE AUTHORIZATION | 0 | |

0 = Master Code cannot be changed.
1 = Master Code can be changed after exiting program mode.

| 44 | RE-LOAD FACTORY PROGRAM VALUES | 0 | |

0 = Leave memory location options as programmed.
1 = Re-load factory settings at program mode exit.

——— DC-9A AND DC9A-TWV COMMUNICATOR PROGRAMMING ———

Notes: 1. References to the DC9-A apply to the DC9A-TWV also. Program locations 95 and above are used only by the DC9A-TWV.
2. Use Acron P4000 programmer. Refer to Installation Addendum for complete details and restrictions for each program location.
3. The DC-9A EEPROM memory chip is blank. There are no pre-programmed factory values.
4. Zones listed for the DC-9A are not the same zones as the Hardwire Zones on the control panel.

LOCATION   DESCRIPTION   DEALER DATA ENTRY

LOCATION	DESCRIPTION																				
01 to 21	1st TELEPHONE # LOCATIONS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	1st TELEPHONE # DIGITS																					
22 to 42	2nd TELEPHONE # LOCATIONS	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
	2nd TELEPHONE # DIGITS																					

43 to 46	1st ACCOUNT # LOCATIONS	43	44	45	46
	1st ACCOUNT # DIGITS				
47 to 50	2nd ACCOUNT # LOCATIONS	47	48	49	50
	2nd ACCOUNT # DIGITS				

Phone Number Notes:
1. A "U" must be programmed in the location following the last digit -- in both numbers 1 and 2.
2. Use a "15" for a 2.5 second dialing pause.
3. Use a "14" for a 5 second dialing pause.

	SELECT ZONES	1	2	3	4	5	6	7	8
51	TO DIAL 2nd NUMBER ONLY								
52	TO DIAL BOTH NUMBERS								

	FALSE ALARM SHUTDOWN ZONES 1 - 5	1	2	3	4	5	6	7	8
53	3 = ON ENABLE	OFF	OFF	.	OFF	OFF	OFF	OFF	OFF

LOCATION	DESCRIPTION										DEALER DATA ENTRY
54	RECEIVER FORMAT PHONE #1										
55	RECEIVER FORMAT PHONE #2										

> BLANK ("U") = 3+1 or 4+1, fast or slow   "4" = 4+2 (Silent Knight)
> "15" = *DirectDemo* Mode for TWV. **WILL WORK ONLY IN LOCATION 54.**

		1	2	3	4	5	6	7	8
	SELECT ZONES								
57	FOR RESTORE					OFF	OFF	OFF	OFF
58	RESTORE CODE								

Read Installation Addendum before programming 57.

		1	2	3	4	5	6	7	8
	SELECT ZONES								
61	FOR REPORTING DELAY					OFF	OFF	OFF	OFF
62	REPORTING DELAY x 10 SECONDS								

Read Installation Addendum before programming 61 and 62.

A DC-9A ZONE IS DISABLED UNLESS A REPORT CODE IS ENTERED. "U" = BLANK/DISABLED

Location	Description		Notes
64	ZONE 1 REPORT CODE		Reports FIRE alarms.
65	ZONE 2 REPORT CODE		Reports AUDIBLE POLICE alarms.
66	ZONE 3 REPORT CODE		Reports BURGLARY and silent BURGLARY alarms.
67	ZONE 4 REPORT CODE		Reports MEDICAL, 24Hr SPECIAL and silent 24Hr SPECIAL alarms.
68	ZONE 5 REPORT CODE		Reports SILENT POLICE and DURESS CODE alarms.
69	ZONE 6 REPORT CODE		Reports FIRE TROUBLE either from an SD-90 Smoke Detector low battery (channels 33-40) or loss of loop supervision on a 648 hardwire Fire zone.
70	ZONE 7 REPORT CODE		Reports LOW TRANSMITTER BATTERY for T-80 and PI-45 burglary transmitters (channels 1-32).
71	ZONE 8 CLOSING CODE		The "closing" report code for opening/closing reports. See location 73 for the "opening" report.
72	ZONE 9 REPORT CODE		Reports CONTROL PANEL TROUBLE. See Installation Manual for AC loss options.
73	ZONE 8 OPENING CODE		The "opening" report code for opening/closing reports. See location 71 for the "closing" report.

> ***DirectDemo* Mode**
> A zone report code must be programmed so that the selected alarm will trip the communicator for demonstrations or testing.

79	REPORTING ATTEMPTS		Blank ("U") = 8 attempts

	ZONE 9 TO DIAL	1	2	3	4	5	6	7	8
80	2nd PHONE NUMBER ONLY		OFF	OFF	OFF	OFF	OFF	OFF	OFF
81	BOTH PHONE NUMBERS		OFF	OFF	OFF	OFF	OFF	OFF	OFF

DC9A-TWV
TWO WAY VOICE
PROGRAM LOCATIONS

> ***DirectDemo* Mode**
> All alarms automatically work as two way voice no matter how location 95 is programmed.

```
┌── MEDICAL ALARMS:  OFF = NO TWV    ON = TWV ENABLED
│ ┌── FIRE ALARMS:  OFF = NO TWV    ON = TWV ENABLED
│ │ ┌── AUDIBLE POLICE ALARMS:  OFF = NO TWV    ON = TWV ENABLED
│ │ │ ┌─ WHEN TWV ENABLED:  OFF = TALK/LISTEN    ON = LISTEN-IN ONLY
│ │ │ │ ┌── BURGLARY ALARMS:  OFF = NO TWV    ON = TWV ENABLED
│ │ │ │ ┌─ WHEN TWV ENABLED:  OFF = TALK/LISTEN    ON = LISTEN-IN ONLY
│ │ │ │ │ ┌── SILENT POLICE ALARMS:  OFF = NO TWV    ON = TWV ENABLED
│ │ │ │ │ ┌─ WHEN TWV ENABLED:  OFF = TALK/LISTEN    ON = LISTEN-IN ONLY
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		1	2	3	4	5	6	7	8
95	TWO WAY VOICE OPTIONS								

TWO WAY VOICE COMMAND KEYS.

Location	Description		Notes
101	TALK KEY		PROGRAM THE COMMAND DIGIT ASSIGNED ON THE TELEPHONE KEYPAD. A "U" DISABLES THAT COMMAND. PROGRAM A "10" FOR THE "0" KEY. PROGRAM AN "11" FOR THE "*" KEY. PROGRAM A "12" FOR THE "#" KEY.
102	LISTEN KEY		
103	NORMAL/ HIGH MIC KEY		← Set at "U" to leave microphone(s) always at normal sensitivity.
104	STEP TO NEXT MICROPHONE KEY		← Set at "U" when only one microphone is used.
105	EXTEND 2 MINUTE TIMER KEY		
106	HANGUP KEY		