

Linear
FOR CP-90
VERSION 2.1

SENSOR NUMBER	KEYPAD LOCATION	EMERGENCY KEYS	STANDBY DISPLAY	STANDBY DOWNLIGHT	ACTIVE DISPLAY	ACTIVE DOWNLIGHT	LIGHTS DURING ENTRY	LIGHTS DURING EXIT	KEYSTROKE BEEPS	LEVEL CHANGE BEEPS	ALARM TONE VOLUME	EMERG. KEY AUDIO
F021	F035 FOR KD-90 LCD CAPTIONS	F024	F025	F026	F027	F028	F029	F030	F031	F032	F033	F034
065												
066												
067												
068												
069												
070												
071												
072												

← FUNCTION NUMBER

ENTER VALUES IN PLANNING CHART

★ = Default Value

KEYPAD EMERGENCY KEYS ENABLE (F024)

- 0 = Disable All Three Emergency Keys
- 1 = Police Key Active Only
- 2 = Emergency Key Active Only
- 3 = Emergency & Police Keys Active
- 4 = Fire Key Active Only
- 5 = Fire & Police Keys Active
- 6 = Fire & Emergency Keys Active
- 7 = Enable All Three Emergency Keys ★

**STANDBY DISPLAY INTENSITY (F025)
STANDBY DOWNLIGHT INTENSITY (F026)
ACTIVE DISPLAY INTENSITY (F027)
ACTIVE DOWNLIGHT INTENSITY (F028)**

- 0 = Off ★ (Standby)
- 1 = Low
- 2 = Medium ★ (Active)
- 3 = High

KEYPAD LIGHTS DURING ENTRY DELAY (F029)

KEYPAD LIGHTS DURING EXIT DELAY (F030)

- 0 = Off During Delay
- 1 = On During Delay ★

**KEYSTROKE BEEP LOUDNESS (F031)
LEVEL CHANGE BEEP LOUDNESS (F032)
ALARM TONE LOUDNESS (F033)**

- 0 = Off/Silent
- 1 = Low
- 2 = Medium ★
- 3 = High

EMERGENCY KEY AUDIO RESPONSE (F034)

- 0 = No Audio ★
- 1 = Listen-in Only
- 2 = Two-way Audio

GENERAL COMMUNICATOR OPTIONS

DESCRIPTION	FUNCTION #	SELECTOR #	VALUE	DEFAULT	PROGRAMMED VALUE	ACTION/VALUE
COMMUNICATOR ON/OFF	50	1	0-1	0		0 = LOCAL ALARM OPERATION ONLY; 1 = COMMUNICATOR SENDS CENTRAL STATION REPORTS
COMMUNICATIONS FORMAT #1	50	2	0-13	5		0 = ADEMCO STANDARD; 3 = SILENT KNIGHT 4x2; 4 = SESCOA STANDARD; 5 = 20PPS 3x1 TWO LINE EXTENDED; 8 = RADIONICS HEX; 10 = RADIONICS BFSK; 11 = SIA; 12 = SESCOA SUPERSPEED; 13 = ADEMCO CONTACT ID
COMMUNICATIONS FORMAT #2	50	3	0-13	5		
DIALING FORMAT	50	4	0-1	0		0 = DTMF (TONE) DIALING; 1 = PULSE DIALING
OPENING REPORTS BY EXCEPTION	50	5	0-1	0		0 = NORMAL OPENING REPORTS; 1 = OPENING REPORTS ONLY WHEN DISARMING AFTER AN ALARM
CLOSING REPORTS BY EXCEPTION	50	6	0-1	0		0 = NORMAL CLOSING REPORTS; 1 = CLOSING REPORTS ONLY WHEN FORCE ARMING
TAMPER REPORTING	50	7	0-1	0		0 = TAMPERS REPORTED THROUGH SUPERVISORY ROUTING; 1 = TAMPERS REPORTED THROUGH ALARM ROUTING
DIALING START DELAY	50	8	0-250	0		ENTER NUMBER OF SECONDS FOR DELAY AS VALUE
DIALING ATTEMPTS BEFORE ROUTING CHANGE	50	9	1-250	2		ENTER # OF UNSUCCESSFUL ATTEMPTS TO CONNECT BEFORE ALTERNATE ROUTING IS TRIED
DIALING ATTEMPTS BEFORE SLEEP CYCLE	50	10	1-250	2		ENTER # OF UNSUCCESSFUL ROUTING CHANGES BEFORE SLEEP CYCLES
NUMBER OF SLEEP CYCLES ALLOWED	50	11	0-250	2		ENTER # OF SLEEP CYCLES MADE BEFORE COMMUNICATIONS FAILURE
SLEEP CYCLE TIME	50	12	1-250	10		ENTER # OF MINUTES TO SLEEP BEFORE ATTEMPTING NEXT DIALING CYCLE
ANTI-JAM TIME	50	13	1-250	40		ENTER # OF SECONDS TO REMAIN ON-HOOK AFTER FAILURE TO DETECT DIAL TONE
AUTOMATIC TEST REPORT DELAY	50	14	0-250	0		ENTER # OF HOURS FROM PRESENT TIME UNTIL FIRST TEST REPORT IS SENT
SWINGER ELIMINATOR COUNT	50	15	0-10	0		0 = ALL VIOLATIONS REPORTED; 1-10 = THE # OF REPORTED VIOLATIONS ANY SENSOR/LOOP CAN HAVE IN ONE ARM/DISARM CYCLE
REMOTE PROGRAMMING LOCKOUT	50	16	0-1	1		0 = NO REMOTE PROGRAMMING; 1 = REMOTE PROGRAMMING ALLOWED
INVALID ACCESS TIMEOUT	50	17	20-50	20		20-50 = TIME IN SECONDS TO DISCONNECT AFTER CP-90 ANSWERS FOR REMOTE PROGRAMMING AND COMMUNICATION IS NOT ESTABLISHED
AUTOMATIC TEST REPORT INTERVAL	50	18	0-7	1		0 = TEST REPORTS EVERY 12 HOURS; 1-7 = TEST REPORTS EVERY 1-7 DAYS
INHIBIT SUPERSPEED END-OF-TX SIGNAL	50	19	0-1	0		0 = ETX AT END OF REPORT; NO ETX SENT AT END OF REPORT
LISTEN-ONLY AUDIO AFTER DURESS PAC	50	20	0-1	0		0 = NO AUDIO AFTER DURESS PAC; 1 = LISTEN-ONLY AUDIO AFTER DURESS PAC
REMOTE PROGRAM ACCESS CODE	51	1-6	000000-999999	987654		PASSWORD FOR REMOTE PROGRAMMING ACCESS(MUST BE 6 DIGITS), MUST BE PROGRAMMED IF VALUE FOR FUNCTION 50 SELECTOR 16 IS SET TO 1

← WRITE YOUR VALUES IN THIS COLUMN

REPORTING CODES FOR ALL FORMATS EXCEPT SUPERSPEED, SIA & ADEMCO CONTACT ID

REPORT CODE DESCRIPTION	FUNCTION # FOR FRMT #1	FUNCTION # FOR FRMT #2	SELECTOR #	VALUE	DEFAULT	PROG. VALUE FRMT #1	PROG. VALUE FRMT #2	ACTION/VALUE (ENTER NEW CODE IF DIFFERENT FROM DEFAULT) (HEX "A" REPORTS AS 0, VALUE 0 = NO REPORT)
FIRE SENSOR/LOOP	70	75	1	0-15	1			EXTENDED SENSOR ID REPORT 1-15
EXTERIOR INTRUSION	70	75	2	0-15	3			
INTERIOR INTRUSION	70	75	3	0-15	6			
POLICE/HOLD-UP	70	75	4	0-15	2			
EMERGENCY	70	75	5	0-15	4			
ENVIRONMENTAL	70	75	6	0-15	0			
RESTORE	70	75	7	0-15	14(E)			
SENSOR TAMPER	70	75	8	0-15	0			EXTENDED ACCESSORY ID REPORT 1-8
BYPASSED SENSOR/LOOP	70	75	9	0-15	0			
KEYPAD FIRE	70	75	10	0-15	1			EXTENDED ACCESSORY ID REPORT 1-8
KEYPAD POLICE/HOLD-UP	70	75	11	0-15	2			
KEYPAD EMERGENCY	70	75	12	0-15	4			EXTENDED PAC ID REPORT 1-15
DURESS	70	75	13	0-15	0			
OPENING	70	75	14	0-15	11(B)			
CLOSING	70	75	15	0-15	12(C)			
CANCEL	70	75	16	0-15	13(D)			
COMMUNICATOR AUTOMATIC TEST	70	75	17	0-15	0			EXTENDED SUPERVISORY TROUBLE REPORT CODE PREFIX
COMMUNICATOR MANUAL TEST	70	75	18	0-15	0			
CONTROL PANEL DOOR TAMPER	70	75	19	0-15	0			
KEYPAD TAMPER	70	75	20	0-15	0			
SUPERVISORY TROUBLE	70	75	21	0-15	15(F)			
CONTROL PANEL LOW BATTERY	70	75	22	0-15	0			
CONTROL PANEL BATTERY RESTORE	70	75	23	0-15	0			
AC FAILURE	70	75	24	0-15	0			
AC RESTORE	70	75	25	0-15	0			
MEMORY ERROR	70	75	26	0-15	0			
AUXILIARY FUSE BLOWN	70	75	27	0-15	0			EXTENDED SUPERVISORY RESTORAL REPORT CODE PREFIX
FIRE POWER FUSE BLOWN	70	75	28	0-15	0			
COMMUNICATION FAILURE	70	75	30	0-15	0			
KEYPAD TROUBLE	70	75	31	0-15	0			
SENSOR LOW BATTERY	70	75	32	0-15	0			
SENSOR SUPERVISORY/TROUBLE	70	75	33	0-15	0			
FORCE CLOSE	70	75	34	0-15	12(C)			
SUPERVISORY RESTORE	70	75	35	0-15	0			

SIA, SUPERSPEED & ADEMCO CONTACT ID FORMAT REPORTING OPTIONS

REPORT DESCRIPTION	SELECTOR	VALUE	DEFAULT	SIA & ADEMCO		SUPER-SPEED		ACTION/VALUE (ENTER NEW CODE IF DIFFERENT FROM DEFAULT) 0 = NO REPORT
				FORMAT #1	FORMAT #2	FORMAT #1	FORMAT #2	
				F072	F077	F074	F079	
OPENING	1	0-1	1					← FUNCTION NUMBER ← WRITE YOUR VALUES IN THESE COLUMNS FILL IN THIS TABLE ONLY IF SUPERSPEED OR SIA FORMAT HAS BEEN SELECTED 0 = NO REPORT 1 = REPORT
CLOSING	2	0-1	1					
FORCE ARM	3	0-1	1					
AUTOMATIC 24-HOUR TEST	4	0-1	0					
MANUAL TEST	5	0-1	1					
AC FAIL	6	0-1	1					
AC RESTORE	7	0-1	1					
CONTROL PANEL LOW BATTERY	8	0-1	1					
CONTROL PANEL BATTERY RESTORE	9	0-1	1					
SENSOR/LOOP RESTORE	10	0-1	1					
SENSOR/LOOP TAMPER	11	0-1	1					
SENSOR/LOOP SUPERVISORY	12	0-1	1					
SENSOR/LOW BATTERY	13	0-1	1					
SUPERVISORY TROUBLE	14	0-1	1					
SIA DEFAULT REPORT CODE OVERRIDE	1-64	0-12		F073	F078			ENTER DESIRED-SIA OR ADEMCO ID REPORT CODE FOR SPECIFIC SENSOR(S). USE SENSOR PLANNING CHART ON PAGE 6 TO LOG ENTERED VALUES FOR SENSORS

COMMUNICATOR REPORTING OPTIONS

DESCRIPTION	FUNCTION #	SELECTOR #	VALUE	DEFAULT	PROGRAMMED VALUE	ACTION/VALUE
ALARM CALL ROUTING	60	1	0-3	0		← WRITE YOUR VALUES IN THIS COLUMN 0 = PRIMARY LINE ONLY; 1 = PRIMARY THEN SECONDARY; 2 = SECONDARY THEN PRIMARY; 3 = SECONDARY ONLY
OPEN/CLOSE CALL ROUTING	60	2	0-6	0		
RESTORE CALL ROUTING	60	3	0-6	0		
AUTOMATIC/MANUAL TEST CALL ROUTING	60	4	0-6	0		
AUDIO EVENTS CALL ROUTING	60	5	0-6	0		
SUPERVISORY/TROUBLE CALL ROUTING	60	6	0-6	0		
PRIMARY LINE FORMAT	61	1	1-2	1		CHOOSE FORMAT 1 OR 2 (FORMAT TYPE SELECTED AT FUNCTION 50 SELECTORS 2 & 3)
SECONDARY LINE FORMAT	61	2	1-2	1		
SUPERVISORY LINE FORMAT	61	3	1-2	1		

COMMUNICATOR TELEPHONE AND ACCOUNT NUMBERS

PRIMARY LINE TELEPHONE NUMBER (FUNCTION 062) ENTER 1-24 DIGITS, END WITH A "15"

S001	S002	S003	S004	S005	S006	S007	S008	S009	S010	S011	S012	S013	S014	S015	S016	S017	S018	S019	S020	S021	S022	S023	S024
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PRIMARY LINE ACCOUNT # (FUNCTION 063) ENTER 1-6 DIGITS					
S001	S002	S003	S004	S005	S006

↑
PRIMARY LINE
← END WITH A "15"

- 11 = TOUCH TONE *
- 12 = TOUCH TONE #
- 13 = 3-SECOND DIALING PAUSE
- 14 = WAIT FOR DIAL TONE
- 15 = END OF PHONE OR ACCOUNT #

LEADING ZEROS NOT REQUIRED

USE F064 TO COPY PRIMARY LINE PHONE AND ACCOUNT NUMBERS TO SECONDARY LINE

SECONDARY LINE TELEPHONE NUMBER (FUNCTION 065) ENTER 1-24 DIGITS, END WITH A "15"

S001	S002	S003	S004	S005	S006	S007	S008	S009	S010	S011	S012	S013	S014	S015	S016	S017	S018	S019	S020	S021	S022	S023	S024
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SECONDARY LINE ACCOUNT # (FUNCTION 066) ENTER 1-6 DIGITS					
S001	S002	S003	S004	S005	S006

↑
SECONDARY LINE
← END WITH A "15"

- 11 = TOUCH TONE *
- 12 = TOUCH TONE #
- 13 = 3-SECOND DIALING PAUSE
- 14 = WAIT FOR DIAL TONE
- 15 = END OF PHONE OR ACCOUNT #

LEADING ZEROS NOT REQUIRED

USE F067 TO COPY SECONDARY LINE PHONE AND ACCOUNT NUMBERS TO SUPERVISORY LINE

SUPERVISORY LINE TELEPHONE NUMBER (FUNCTION 068) ENTER 1-24 DIGITS, END WITH A "15"

S001	S002	S003	S004	S005	S006	S007	S008	S009	S010	S011	S012	S013	S014	S015	S016	S017	S018	S019	S020	S021	S022	S023	S024
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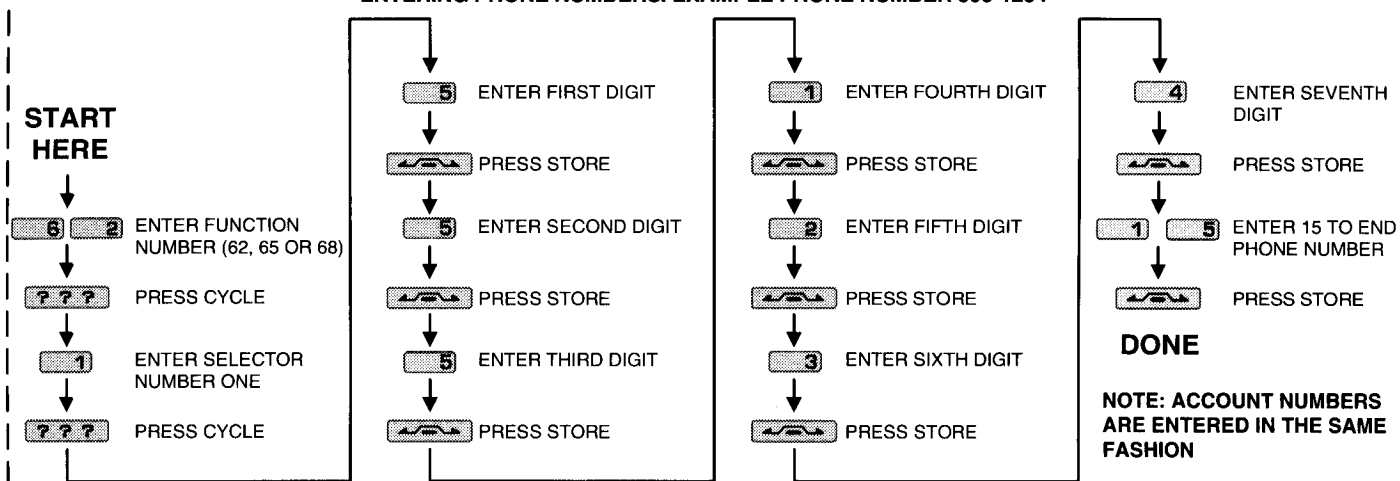
SUPERVISORY LINE ACCOUNT # (FUNCTION 069) ENTER 1-6 DIGITS					
S001	S002	S003	S004	S005	S006

↑
SUPERVISORY LINE
← END WITH A "15"

- 11 = TOUCH TONE *
- 12 = TOUCH TONE #
- 13 = 3-SECOND DIALING PAUSE
- 14 = WAIT FOR DIAL TONE
- 15 = END OF PHONE OR ACCOUNT #

LEADING ZEROS NOT REQUIRED

ENTERING PHONE NUMBERS. EXAMPLE PHONE NUMBER 555-1234



PERSONAL ACCESS CODE PLANNING

PAC #	ACTUAL PAC NUMBER	HIGH LEVEL LIMIT	LOW LEVEL LIMIT	DURESS PAC	MASTER PAC	ARM ONLY PAC	NO BYPASS PAC	ACCESS OUTPUT PAC	ACCESS OUTPUT ONLY	LOCKED PAC CODE	PAC PROG. ENABLE
		F092	F093	F094	F095	F096	F097	F098	F099	F100	F101
1	TEMP PAC										
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← FUNCTION NUMBER

← **WRITE VALUES IN PLANNING CHART**

★ = Default Value

HIGH SECURITY LEVEL LIMIT (F092)
Highest Security Level this PAC Can Use (Range 0-9, Default 8)

LOW SECURITY LEVEL LIMIT (F093)
Lowest Security Level this PAC Can Use (Range 0-9, Default 0)

DURESS PAC (F094)
0 = Normal Security Level Control ★
1 = This is a Duress PAC

MASTER PAC (F095)
0 = Normal PAC Code ★
1 = Master PAC Code

ARM ONLY PAC (F096)
0 = Normal Security Level Control ★
1 = Arms to Level 4 Only

NO BYPASS PAC (F097)
0 = Full Bypass Authority ★
1 = No Bypass Authority

ACCESS OUTPUT PAC (F098)
0 = No Access Control Output ★
1 = Access Control Output Activates

ACCESS OUTPUT ONLY (F099)
0 = Normal Security Level Control ★
1 = Activate Access Output Only

LOCKED PAC CODE (F100)
0 = User Can Change Own PAC ★
1 = User Cannot Change Own PAC

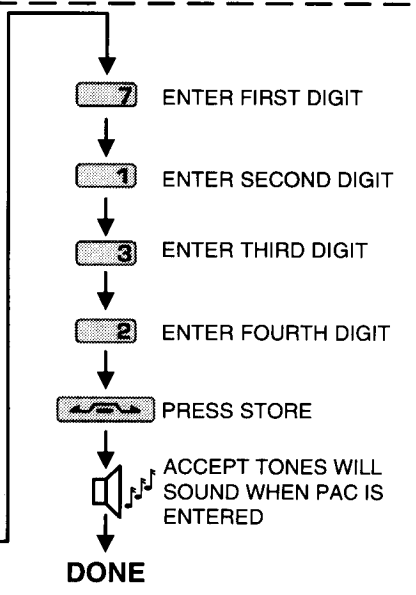
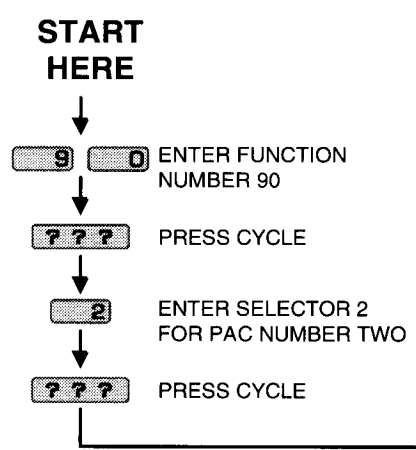
PAC PROGRAMMING ENABLE (F101)
0 = This PAC Cannot Set Other PACs ★
1 = PAC Program Mode Allowed

EXAMPLE

ENTERING PERSONAL ACCESS CODES

PAC #2 WITH A CODE OF 7132

ALL PAC'S CAN BE 2-5 DIGITS LONG



CONTROL PANEL SETUP PLANNING

DESCRIPTION	FUNCTION #	SELECTOR #	VALUE	DEFAULT	PROGRAMMED VALUE	ACTION/VALUE
						← WRITE YOUR VALUES IN THIS COLUMN
ENTRY DELAY TIME #1	120	1	1-250	30		ENTER DELAY TIME IN SECONDS
ENTRY DELAY TIME #2	120	2	1-250	45		
EXIT DELAY TIME	120	3	1-250	45		
BURGLARY OUTPUT DELAY	120	4	0-250	0		ENTER CUTOFF TIME IN MINUTES; ENTER "0" FOR CONTINUOUS
BURGLARY OUTPUT CUTOFF	120	5	0-250	5		
FIRE OUTPUT CUTOFF	120	6	0-250	5		
POLICE ALARM CUTOFF	120	7	0-250	5		
EMERGENCY ALARM CUTOFF	120	8	0-250	5		
ACCESS OUTPUT ON-TIME	120	9	0-250	5		ENTER ACCESS OUTPUT TIME IN SECONDS; 0 = TOGGLES ON/OFF EACH ACTIVATION
AUTOMATION #1 OUTPUT TIME	120	10	0-250	5		
AUTOMATION #2 OUTPUT TIME	120	11	0-250	5		
PULSING BURGLARY OUTPUT	121	1	0-1	0		0 = STEADY
PULSING FIRE OUTPUT	121	2	0-1	1		1 = ONE SECOND ON AND ONE SECOND OFF
MULTIPLE BURGLARY OUTPUT SHUTDOWN	121	3	0-1	0		0 = MULTIPLE OUTPUTS PER ARM/DISARM 1 = ONLY ONE AUDIBLE OUTPUT PER ARMING
DAY ALERT LATCH	121	4	0-1	0		0 = TROUBLE LIGHT CLEARS WHEN TROUBLE CLEARS 1 = TROUBLE LIGHT LATCHES
BELL TEST ON ARMING	121	5	0-1	0		0 = NO BELL TEST 1 = BELL TEST IN LEVEL 4 AT CENTRAL STATION KISSOFF
KEYPAD BURGLARY FOR LOCK-INS	121	6	0-1	0		0 = NORMAL 1 = PRESSING ANY KEY STARTS ENTRY DELAY WHILE IN LEVEL 4
ENTRY DELAY BEEPS	121	7	0-1	1		0 = BEEPS OFF 1 = BEEPS ON
EXIT DELAY BEEPS	121	8	0-1	1		
SILENT POLICE ALARMS	121	9	0-1	0		0 = ALARM WILL SOUND 1 = SILENT ALARM
SILENT EMERGENCY ALARMS	121	10	0-1	0		
SILENT BURGLAR ALARMS	121	11	0-1	0		
DISABLE QUICK ARMING	121	12	0-1	0		0 = QUICK ARMING ALLOWED 1 = QUICK ARMING NOT ALLOWED
AUTOMATIC RESTORAL	121	13	0-1	0		0 = BYPASSES CLEAR ON RESTORAL 1 = BYPASSES REMAIN ON RESTORAL
AUTO BYPASS ARMING	121	14	0-1	0		0 = AUTO BYPASS THEN ARM 1 = NO ARM UNTIL MANUAL BYPASS
RECEIVER DESENSE	121	15	0-1	0		0 = NORMAL RECEIVER SENSITIVITY 1 = REDUCED RECEIVER SENSITIVITY (-6 dB)
ALARM LATCH FOR NON-REPORTING SENSORS	121	16	0-1	0		0 = NO ALARM MEMORY OR ALARM LED FOR NON-REPORTING SENSORS 1 = ALARM MEMORY AND LED LATCHES FOR NON-REPORTING SENSORS
AUTOMATIC ALARM MEMORY DISPLAY	121	17	0-1	0		0 = MANUAL ALARM MEMORY DISPLAY ONLY WITH STATUS "96" 1 = AUTOMATIC ALARM MEMORY DISPLAY FOR 45 SECONDS AFTER ALARM
24-HOUR SYSTEM STATUS DISPLAY	121	18	0-1	0		0 = STATUS INDICATORS ACTIVE ONLY WHEN MANUALLY CHECKING STATUS 1 = SENSOR STATUS SHOWN ON INDICATORS AT ALL TIMES
KD-90 COMMUNICATOR STATUS DISPLAY	121	19	0-1	0		0 = NO COMMUNICATOR STATUS DISPLAY 1 = COMMUNICATOR STATUS IS DISPLAYED ON KD-90 BOTTOM LINE
MASTER RESET DISABLE	121	20	0-1	0		0 = MASTER RESET SWITCH ENABLED 1 = MASTER RESET SWITCH DISABLED
EVENT LOG LIMITER	121	21	0-1	0		0 = NO LIMITS ON ADDING TO THE EVENT LOG (LAST 300 EVENTS STORED) 1 = ONLY 200 EVENTS WILL BE LOGGED AFTER INITIAL ALARM UNTIL LOG IS CLEARED
AUDIBLE SENSOR TROUBLE	121	22	0-1	0		0 = SENSOR TROUBLE ONLY LIGHTS LEDS ON KEYPADS 1 = SENSOR TROUBLE LIGHTS LEDS ON KEYPADS AND CHIMES EVERY MINUTE
QUICK BYPASS DISABLE	121	23	0-1	0		0 = QUICK BYPASSING ALLOWED; 1 = NO QUICK BYPASSING
SENSOR VIOLATION AND TEST EVENT LOGGING INCLUDING EVENTS FOR UNARMED SENSORS	122	1	0-1	0		0 = LOG ONLY ARMED SENSORS ALARMS 1 = LOG ALL SENSOR VIOLATIONS & SENSOR TESTS
SENSOR RESTORAL LOGGING	122	2	0-1	1		0 = NO LOGGING; 1 = LOG EVENTS
NORMAL OPENING & CLOSING LOGGING	122	3	0-1	1		0 = NO LOGGING; 1 = LOG EVENTS
FORCED CLOSING LOGGING	122	4	0-1	1		0 = NO LOGGING; 1 = LOG EVENTS
OPENING AFTER AN ALARM LOGGING	122	5	0-1	1		0 = NO LOGGING; 1 = LOG EVENTS
SENSOR & ACCESSORY SUPERVISORY LOGGING	122	6	0-1	1		0 = NO LOGGING; 1 = LOG EVENTS
PANEL RESET, TEST AND SUPERVISORY LOGGING	122	7	0-1	1		0 = NO LOGGING; 1 = LOG EVENTS
COMMUNICATOR LOGGING	122	8	0-1	1		0 = NO LOGGING; 1 = LOG EVENTS
PANEL PROGRAMMING LOGGING	122	9	0-1	1		0 = NO LOGGING; 1 = LOG EVENTS
FIRE, BURGLARY AND EMERGENCY OUTPUTS LOGGING (LOGGING AT ACTIVATION AND CUTOFF)	122	10	0-1	1		0 = NO LOGGING 1 = LOG EVENTS

SENSOR PLANNING

SENSOR NUMBER	DESCRIPTION/LOCATION	ZONE TYPE	ENTRANCE DELAY	SENSOR TYPE	RF SUPERVISION	LOCAL ALARM	BYPASSING	AUDIO REPORT	LOOP RESPONSE	LOOP SUPERVISION	LOOP TROUBLE	FRMT #1 RPT CODE	FRMT #2 RPT CODE
	F016 FOR KD-90 LCD CAPTIONS	F004	F005	F006	F007	F008	F009	F010	F012	F013	F014	F071	F076
1	HARDWIRE LOOP 1												
2	HARDWIRE LOOP 2												
3	HARDWIRE LOOP 3												
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FUNCTION NUMBER

**WRITE VALUES
IN THE PLANNING CHART**

★ = Default Value

ZONE TYPE (F004)

- 0 = Exterior ★
- 1 = Restricted Interior
- 2 = Interior
- 3 = Fire (24-hour)
- 4 = Emergency (24-hour)
- 5 = Police (24-hour)
- 6 = Arm/Disarm Toggle
- 7 = Remote Emergency
- 8 = Remote Police
- 9 = Guard Zone
- 10 = Environmental A
- 11 = Environmental B
- 12 = Environmental C
- 13 = Chime Only
- 14 = Automation #1
- 15 = Automation #2
- 16 = Access Only

ENTRANCE DELAY (F005)

- 0 = Instant ★
- 1 = Delay 1
- 2 = Delay 2
- 3 = Interior Follower

SENSOR TYPE (F006)

- 0 = Normal Open/Close ★
- 1 = PIR or Non-restoring

RF SENSOR SUPERVISION (F007)

- 0 = Supervised ★
- 1 = Unsupervised

LOCAL ALARM (F008)

- 0 = Audible ★
- 1 = Silent

BYPASSING (F009)

- 0 = Can be Bypassed ★
- 1 = Cannot be Bypassed

AUDIO REPORT (F010)

- 0 = No Sensor Audio ★
- 1 = Listen Only Audio
- 2 = Two-way Audio

LOOP RESPONSE (F012)

- 4 = 400ms ★ (Value times 100 = ms)

LOOP SUPERVISION (F013)

- 0 = EOL Resistor Supervision ★
- 1 = No Supervision

LOOP TROUBLE (F014)

- 0 = No Trouble ★
- 1 = Trouble on Open
- 2 = Trouble on Short
- 3 = Trouble on Open or Short

**SIA & ADEMCO ID REPORT CODE
OVERRIDE (F073 OR F078)**

- 0 = Uses Default
- 1 = BA Burglary Alarm
- 2 = FA Fire Alarm
- 3 = GA Gas Alarm
- 4 = HA Holdup Alarm
- 5 = KA Heat Alarm
- 6 = MA Medical Alarm
- 7 = PA Panic Alarm
- 8 = SA Sprinkler Alarm
- 9 = TA Tamper Alarm
- 10 = UA Untyped Alarm
- 11 = WA Water Alarm
- 12 = ZA Freeze Alarm

KD-90 LCD KEYPAD CAPTION VALUES

VALUE	CHARACTERS DISPLAYED	VALUE	CHARACTERS DISPLAYED	VALUE	CHARACTERS DISPLAYED	VALUE	CHARACTERS DISPLAYED
0	0	64	#	128	Garage	192	Pump
1	1	65	&	129	Gas	193	Quarters
2	2	66	'	130	Gate	194	Ramp
3	3	67	(131	Glass	195	Rear
4	4	68)	132	Guest	196	Receiving
5	5	69	*	133	Gun	197	Recreation
6	6	70	+	134	Hallway	198	Relay
7	7	71	,	135	Heat	199	Remote
8	8	72	-	136	Hobby	200	Restroom
9	9	73	.	137	Hold	201	RF
10	ONE BLANK SPACE	74	/	138	Hold-up	202	Right
11	a	75	=	139	House	203	Roof
12	b	76	Access	140	Ice	204	Room
13	c	77	Alarm	141	Infrared	205	Safe
14	d	78	Area	142	Inside	206	Screen
15	e	79	Arm	143	Interior	207	Second
16	f	80	Attic	144	Intrusion	208	Security
17	g	81	Audio	145	Janitor	209	Sensor
18	h	82	Auxiliary	146	Key	210	Shipping
19	i	83	Back	147	Keypad	211	Shock
20	j	84	Basement	148	Keyswitch	212	Shop
21	k	85	Bathroom	149	Kitchen	213	Shutter
22	l	86	Beam	150	Laundry	214	Side
23	m	87	Bedroom	151	Left	215	Silent
24	n	88	Breakfast	152	Level	216	Silver
25	o	89	Button	153	Library	217	Skylight
26	p	90	Cabinet	154	Lift	218	Sliding
27	q	91	Carport	155	Light	219	Smoke
28	r	92	Ceiling	156	Liquor	220	South
29	s	93	Chime	157	Living	221	Spa
30	t	94	Closet	158	Loading	222	Sprinkler
31	u	95	Computer	159	Lobby	223	Stairs
32	v	96	Control	160	Locker	224	Station
33	w	97	Den	161	Loft	225	Steam
34	x	98	Detector	162	Lower	226	Stereo
35	y	99	Dining	163	Main	227	Stock
36	z	100	Dock	164	Maintenance	228	Storage
37	A	101	Door	165	Master	229	Study
38	B	102	Downstairs	166	Mat	230	Sump
39	C	103	Drawer	167	Medical	231	System
40	D	104	Dressing	168	Microwave	232	Tamper
41	E	105	Driveway	169	Middle	233	Temperature
42	F	106	East	170	Monitor	234	Third
43	G	107	Electric	171	Motion	235	Tool
44	H	108	Elevator	172	Mud	236	Transmitter
45	I	109	Emergency	173	North	237	Trap
46	J	110	Employee	174	Nursery	238	Ultrasonic
47	K	111	Entrance	175	Office	239	Upper
48	L	112	Exercise	176	On/Off	240	Upstairs
49	M	113	Exit	177	Outside	241	Utility
50	N	114	Exterior	178	Overhead	242	Valve
51	O	115	Factory	179	Panic	243	Vault
52	P	116	Family	180	Parking	244	Vibration
53	Q	117	Fire	181	Passive	245	Video
54	R	118	First	182	Patio	246	Violation
55	S	119	Floor	183	Perimeter	247	Wall
56	T	120	Flow	184	Photo	248	Warehouse
57	U	121	Fluid	185	PIR	249	Water
58	V	122	Foil	186	Play	250	West
59	W	123	Foyer	187	Plant	251	Window
60	X	124	Freezer	188	Police	252	Yard
61	Y	125	Front	189	Pool	253	Zone
62	Z	126	Furnace	190	Power	254	NULL (NOTHING)
63	!	127	Game	191	Proximity	255	ERASE ENTIRE LINE

SPECIAL KEYS USED DURING KD-90 LCD KEYPAD CAPTION PROGRAMMING



= GO FOWARD TO NEXT CHARACTER OR WORD IN CAPTION TABLE



= REPOSITION CURSOR TO THE START OF THE DISPLAY LINE



= GO BACKWARD TO PREVIOUS CHARACTER OR WORD IN CAPTION TABLE



= ADVANCE CURSOR TO THE NEXT POSITION OF THE DISPLAY LINE

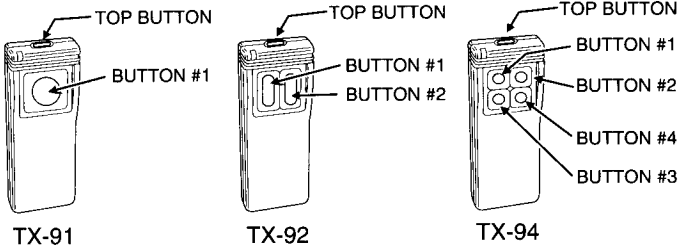
NOTE: TO FILL THE REST OF THE DISPLAY LINE WITH BLANKS, USE # TO POSITION CURSOR, THEN ENTER A VALUE OF 255 AND PRESS STORE

PROGRAMMING STEPS:

STEP 1. Use CP-90 Function 2 to install each TX transmitter by pressing any button on the transmitter.

STEP 2. Use CP-90 Function 17 to assign a zone to each button on each TX transmitter.

NOTE: Any combination of buttons on the TX type transmitters can be pressed together to program a two-button lockout feature for the transmitter. Press both buttons when programming a zone with Function 17. When the transmitter is used, both buttons will have to be pressed at the same time to trigger the zone.



TYPICAL FUNCTION 17 SELECTOR SETTINGS FOR TX TYPE TRANSMITTER ZONES			
VALUE	ZONE TYPE	VALUE	ZONE TYPE
6	ARM/DISARM TOGGLE	14	AUTOMATION #1
7	REMOTE PANIC/EMERGENCY	15	AUTOMATION #2
8	REMOTE PANIC/POLICE	16	ACCESS ONLY
13	CHIME	17	BUTTON DISABLE

NOTE: TX TRANSMITTERS CAN BE PROGRAMMED TO ZONES 3-17

ENTER TX TYPE TX-91 TX-92 OR TX-94	ENTER SENSOR #	BUTTON #1 ZONE	BUTTON #2 ZONE	BUTTON #3 ZONE	BUTTON #4 ZONE	TOP BUTTON ZONE	TRANSMITTER USE/LOCATION

