Linear CP-90 Program Sheet Page 1 (M. Leuck)

SENSOR INSTALLATION					
FUNCTION	SELECTOR	VALUE	DEFAULT	DESCRIPTION	ACTION AND/OR VALUE CHOICES
0	0			Display installed Sensor	Press STATUS twice for total number of Sensors, then STORE, display shows installed Sensor #'s
1	0			Auto-install RF Sensors	Press STORE, test Sensor to install, assigns default to Sensor and Report Codes
2	4-64			Manually install RF Sensor	Set Selector to Sensor #. Test Sensor to install, assigns default to Sensor and Report Codes.
3	4-64			Manually remove RF Sensor	Set selector to Sensor # Press STORE to delete
4	1-64	0-16	0	Sensor Zone	Use Zone Table to choose Zone Type (0 to 16) Press STORE to enter
5	1-64	0-3	0	Sensor Entrance Delay	0 = Instant 1 = Delay One (See Function 120-1) 2 = Delay Two (See Function 120-2) 3 = Interior Follower
6	4-64	0-1	0	Sensor Type	0 = Normal Open/Close Sensor; 1 = PIR
7	4-64	0-1	0	RF Sensor Supervision	0 = Supervised, 1 = Un-Supervised
8	1-64	0-1	0	Sensor Local Alarm	0 = Audible, 1 = Silent
9	1-64	0-1	0	Sensor Bypassing	0 = Can be Bypassed; 1 = Cannot be Bypassed
10	1-64	0-2	0	Sensor Audio Reporting	0 = No Sensor Audio 1 = Listen Only Audio 2 = Two-Way Audio
11	0			Hardwire Loop Auto Setup	Press STORE when "00" is displayed to install all Hardwire Loops
12	1-3	1-100	4	Hardwire Loop Response Time	Value times 100ms = Loop Response Time Selector 1-3 = Loop 1-3
13	1-3	0-1	0	Hardwire Loop Supervision	0 = EOL Resistor Supervised (2.2k); 1 = No EOL
14	1-3	0-3	0	Hardwire Loop Trouble Type	0 = No Trouble 1 = Trouble on Open 2 = Trouble on Short 3 = Trouble on Open or Short
15	1-3	0-1	0	Hardwire Loop Disable	0 = Loop Disabled, 1 = Loop Enabled
16	1-64	0-255		KD-90 LCD Captions	Enter Sensor Names to be displayed on KD-90 LCD Keypad (See CP-90 Worksheet for Example)
17	3-17			Zone Select for TX-91, TX-92 & TX-94 Remote Transmitters	Set Zone Type in Selector Field, display shows total # of TX Type Remotes entered in memory. Press desired Remote Button, Remote must have been entered in Functions 001 or 002

ZONE TABLE		
VALUE	ZONE TYPE	DESCRIPTION
0	Exterior	Armed in Levels 3, 4, 5 & 6 - Chimes in Level 2
1	Restricted Interior	Armed in Levels 4, 5 & 6
2	Interior	Armed in Levels 4, 5 & 6
3	Fire	Continuously Armed (24-Hour Fire Zone)
4	Emergency	Continuously Armed (24-Hour Emergency Zone)
5	Police/Hold-Up	Continuously Armed (24-Hour Police/Holdup Zone)
6	Arm/Disarm Toggle	Sensor is a Pushbutton that Alternately Arms to Level 4 and Level 1 (Automatic Forced Bypassing Going to Level 4)
7	Remote Panic/Emergency	Holding for 3-Seconds Triggers 24-Hour Emergency Zone
8	Remote Panic/Police	Holding for 3-Seconds Triggers 24-Hour Police Zone
9	Guard Zone	Armed in Levels 1, 2, 3, 4, 5 & 6 - Reports as Burg in Level 4 Also Suitable for Glass Break
10	Environmental Type A	Continuous Armed 24-Hour Zone Triggers Annunciate, Violation & No Reports
11	Environmental Type B	Continuous Armed 24-Hour Zone Triggers Annunciate Only, Violation & No Reports
12	Environmental Type C	Continuous Armed 24-Hour Zone Triggers Annunciate Only, No Violation & No Reports
13	Chime Only	Active in Levels 1, 2 & 3 Triggers Chime Only, No Violation & No Reports
14	Automation #1	Triggers Automation #1 Output on Control Output
15	Automation #2	Triggers Automation #2 Output on Control Output
16	Access Only	Triggers Access Output on Control Output
17	TX Remote Button Disable	"Dead" Zone to Disable Desired Buttons on TX-92 & TX-94 Remotes

Linear CP-90 Program Sheet

ACCESSORY INSTALLATION (KEYPAD)					
FUNCTION	SELECTOR	VALUE	DEFAULT	DESCRIPTION	ACTION AND/OR VALUE CHOICES
20	0			Display Accessories in Memory	Press STORE, Display will show all installed Accessories
21	0			Auto-Install Accessories	Press STORE, Connected Accessories are permanently Installed
23	65-72			Manually Remove Accessory	Set Selector to Accessory # Press STORE to remove from memory
24	65-72	0-7	7	Keypad Emergency Keys Enable	Use Keypad Emergency Key Table to choose desired option, Enter Value 0-7
25	65-72	0-3	0	Standby Display Intensity	0 = Off 1 = Low 2 = Medium 3 = High
26	65-72	0-3	0	Standby Download Intensity	
27	65-72	0-3	2	Active Display Intensity	
28	65-72	0-3	2	Active Downlight Intensity	
29	65-72	0-1	1	Keypad Lights During Entry Delay	0 = Lights Off During Entry Delay 1 = Lights On During Entry Delay
30	65-72	0-1	1	Keypad Lights During Exit Delay	0 = Lights Off During Exit Delay 1 = Lights On During Exit Delay
31	65-72	0-3	2	Keypad Keystroke Beep Loudness	0 = Off/Silent 1 = Low 2 = Medium 3 = High
32	65-72	0-3	2	Keypad System Annunciation Tone Loudness	
33	65-72	0-3	2	Keypad Alarm Tone Loudness	
34	65-72	0-2	0	Keypad Emergency Key Audio Response	0 = No Audio 1 = Listen-In Audio 2 = Two Way Audio
35	65-72	0-250		KD-90 LCD Captions	Enter Accessory Names to be Displayed on KD-90 LCD Keypad (See CP-90 Programming Worksheet)

Linear CP-90 Program Sheet

GENERAL COMMUNICATOR OPERATION					
FUNCTION	SELECTOR	VALUE	DEFAULT	DESCRIPTION	ACTION AND/OR VALUE CHOICES
50	1	0-1	0	Communicator On/Off	0 = Local Alarm Operation Only 1 = Digital Communicator Sends Central Station Reports
50	2	0-13	5	Communications Format #1	Use Communicator Format Table at bottom of page to choose desired Format, Enter Value 0-13
50	3	0-13	5	Communications Format #2	Use Communicator Format Table at bottom of page to choose desired Format, Enter Value 0-13
50	4	0-1	0	Dialing Format	0 = DTMF Dialing, 1 = Pulse Dialing
50	5	0-1	0	Opening Reports by Exception	0 = Normal Opening Reports, 1 = Opening Reports only when Disarming after an Alarm
50	6	0-1	0	Closing Reports by Exception	0 = Normal Closing Reports, 1 = Closing Reports only when Disarming after an Alarm
50	7	0-1	0	Tamper Report Routing	0 = Reports on Supervisory Routing 1 = Reports on Alarm Routing
50	8	0-250	0	Dialing Start Delay	Enter Number of Seconds for Delay as Value
50	9	1-250	2	Dialing Attempts before Routing Change	Enter Number of Unsuccessful Attempts to Connect before Alternate Call Routing is tried
50	10	1-250	2	Dialing Attempts before Sleep Cycle (All Lines)	Enter Number of Unsuccessful Routing Changes before Sleep Cycle
50	11	0-250	2	Number of Sleep Cycles Allowed	Enter Number of Sleep Cycles made before Communications Failure
50	12	1-250	10	Sleep Cycle Time	Enter Number of Minutes to Sleep before attempting next Dialing Cycle
50	13	1-250	40	Anti-Jam Time	Enter Number of Seconds to remain On-Hook after Failure to Detect Dial Tone
50	14	0-250	0	Automatic Test Report Delay	Enter Number of Hours from present time until first Test Report is sent
50	15	0-10	0	Swinger Eliminator Count	0 = All Violations Reported (Disabled) 1 -10 = The Number of Reported Violations any Sensor/Loop can have in one Arm/Disarm Cycle
50	16	0-1	1	Remote Programming Lockout	0 = No Remote Programming 1 = Remote Programming Allowed
50	17	20-50	20	Invalid Access Timeout	Time in seconds to Disconnect after CP-90 Answers for Remote Programming and Communication is not Established
50	18	0-7	1	Automatic Test Report Interval	0 = Test Reports every 12 Hours 1-7 = Test Reports every 1-17 Days
50	19	0-1	0	Inhibit Superspeed End-Of-TX Signal	0 = ETX at End of Report 1 = No ETX Sent at End of Report
50	20	0-1	0	Listen-Only Audio After duress PAC	0 = No Audio After Duress PAC 1 = Listen-Only Audio After Duress PAC
51	1-6	000000 999999	987654	Remote Program Access Code	Password Remote Programming Access, must be programmed if value for Function 050-016 is 1

GENERAL COMMUNICATOR OPERATION		
0	10PPS 3x1 (Ademco Standard)	1400 Hz Handshake, 1900 Hz Data
1	10PPS 3x1 Two Line Extended	
2	10PPS 4x1	
3	10PPS 4x2 (Silent Knight)	
4	20 PPS 3x1 (Sescoa Standard)	2300 Hz Handshake, 1800 Hz Data
5	20 PPS 3x1 Two Line extended	
6	20PPS 4x1	
7	20PPS 4x2	
8	40PPS 3x1	
9	40PPS 3x1 Two Line Extended	
10	BFSK 3x2	Standard Radionics Format
11	SIA	Single Block
12	Sescoa Superspeed	2300 Hz Handshake, 1800 Hz Data
13	Ademco Contact ID	Proprietary

Linear CP-90 Program Sheet

GENERAL COMMUNICATOR OPERATION					
FUNCTION	SELECTOR	VALUE	DEFAULT	DESCRIPTION	ACTION AND/OR VALUE CHOICES
60	1	0-3	0	Alarm Call Routing	0 = Primary Only; 1 = Primary then Secondary 2 = Secondary Then Primary; 3 = Secondary Only
60	2	0-6	0	Open/Close Call Routing	0 = Primary Line Only 1 = Primary Then Secondary 2 = Secondary Then Primary 3 = Secondary Only 4 = Supervisory Only 5 = Supervisory Then Primary 6 = Supervisory Then Secondary
60	3	0-6	0	Restore Call Routing	
60	4	0-6	0	Automatic/Manual Test Call Routing	
60	5	0-6	0	Audio Events Call Routing	
60	6	0-6	0	Supervisory/Trouble Call Routing	
61	1	1-2	1	Primary Line Format	Choose Format 1 or 2 (Format selected at Function 050.002 & 050.003)
61	2	1-2	1	Secondary Line Format	
61	3	1-2	1	Supervisory Line Format	
62	1-24	0-15		Primary Line Telephone Number	Enter Telephone Number up to 24 Digits ending with a "15", See Dialing Table for Special Dialing Codes
63	1-16	See Acct Table		Primary Line Account Number	Enter up to a 6-Digit Account # for this Telephone Number, End with a "15", See Account Number Table
64				Copy Primary Setup to Secondary	Press STORE to copy Primary Telephone & Account Numbers to the Secondary Line
65	1-24	0-15		Secondary Line Telephone Number	Enter Telephone Number up to 24 Digits ending with a "15", See Dialing Table for Special Dialing Codes
66	1-6	See Acct Table		Secondary Line Account Number	Enter up to a 6-Digit Account # for this Telephone Number, End with a "15", See Account Number Table
67				Copy Secondary Setup to Supervisory	Press STORE to copy Primary Telephone & Account Numbers to the Secondary Line
68	1-24	0-15		Supervisory Line Telephone Number	Enter Telephone Number up to 24 Digits ending with a "15", See Dialing Table for Special Dialing Codes
69	1-6	See Acct Table		Supervisory Line Account Number	Enter up to a 6-Digit Account # for this Telephone Number, End with a "15", See Account Number Table

DIALING TABLE	
Value	Dialing Result
11	Equal to Touch Tone "*"
12	Equal to Touch Tone "#"
13	3-Second Dialing Pause
14	Wait for Dial Tone
15	End of Phone Number, Enter "15" at End of Phone

ACCOUNT NUMBER TABLE	
Format Used	Valid Account Numbers
3/1, 3/2, BFSK	3-Digits; 0-9 and 10-15 (A - F)
4/1 or 4/2	4-Digits; 0-9 and 10-15 (A - F)
Superspeed	4-Digits; 0000 to 3374
SIA	1 to 6 Digits; 000000 to 999999
Ademco Contact ID	4-Digits; 0000 to 9999
ALL	Enter "15" at End of Account

COMMUNICATION FORMATS		
VALUE	FORMAT	FORMAT SPECIFICATIONS
0	10PPS 3/1 (Ademco Standard)	1400 Hz Handshake, 1900 Hz Data
1	10PPS 3/2 Two Line Extended	
2	10PPS 4/1	
3	10PPS 4/2 (Silent Knight)	
4	20PPS 3/1 (Sescoa Standard)	2300 Hz Handshake, 1800 Hz Data
5	20PPS 3/1 Two Line Extended	
6	20PPS 4/1	
7	20PPS 4/2	
8	40PPS 3/1	
9	40PPS 3/1 Two Line Extended	
10	BFSK 3/2	Standard Radionics Format
11	SIA	Single Block
12	Sescoa Superspeed	2300 Hz Handshake 1800 Hz Data
13	Ademco Contact ID	Proprietary

Linear CP-90 Program Sheet

REPORTING CODES FOR ALL FORMATS EXCEPT SUPERSPEED & SIA						
FUNCTION		SELECTOR	VALUE	DEFAULT REPORT CODE	REPORT CODE DESCRIPTION	ACTION AND/OR VALUE CHOICES ENTER NEW CODE IF DIFFERENT THAN DEFAULT
FRMT #1	FRMT #2					
70	75	1	0-15	1	Fire Sensor/Loop	Extended Sensor ID Report 1-15
70	75	2	0-15	3	Exterior Intrusion	
70	75	3	0-15	6	Interior Intrusion	
70	75	4	0-15	2	Police/Holdup	
70	75	5	0-15	4	Emergency	
70	75	6	0-15	0	Environmental	
70	75	7	0-15	14 (E)	Restore	
70	75	8	0-15	0	Sensor Tamper	
70	75	9	0-15	0	Bypassed Sensor/Loop	
70	75	10	0-15	1	Keypad Fire	Extended Accessory ID Report 1-8
70	75	11	0-15	2	Keypad Police/Hold-Up	
70	75	12	0-15	4	Keypad Emergency	
70	75	13	0-15	0	Duress	Extended PAC IT Reporting 1-15
70	75	14	0-15	11 (B)	Opening	
70	75	15	0-15	12 (C)	Closing	
70	75	16	0-15	13 (D)	Cancel	
70	75	17	0-15	0	Communicator Automatic Test	
70	75	18	0-15	0	Communicator Manual Test	
70	75	19	0-15	0	Control Panel Door Tamper	
70	75	20	0-15	0	Keypad Tamper	
70	75	21	0-15	15 (F)	Supervisory Trouble	Extended Supervisory Trouble Report Code Prefix
70	75	22	0-15	0	Control Panel Low Battery	
70	75	23	0-15	0	Control Panel Battery Restore	
70	75	24	0-15	0	AC Failure	
70	75	25	0-15	0	AC Restore	
70	75	26	0-15	0	Memory Error	
70	75	27	0-15	0	Auxiliary Fuse Blown	
70	75	28	0-15	0	Fire Power Fuse Blown	
70	75	29				
70	75	30	0-15	0	Communication Failure	
70	75	31	0-15	0	Keypad Trouble	
70	75	32	0-15	0	Sensor Low Battery	Extended Sensor ID Report 1-15
70	75	33	0-15	0	Sensor Superv/Trouble	
70	75	34	0-15	12 (C)	Force Close	Extended PAC ID Report 1-15
70	75	35	0-15		Supervisory Restore	Extended Supervisory Restoral Report Code Prefix
71	76	1-64	0-15		Default Report Code Override	Enter Desired Report Code For Specific Sensor(s)

Linear CP-90 Program Sheet

REPORTING CODES FOR ALL FORMATS EXCEPT SUPERSPEED & SIA								
FUNCTION FOR SIA & ADEMCO ID		FUNCTION FOR SUPERSPEED		SELECTOR	VALUE	DEFAULT	REPORT DESCRIPTION	ACTION AND/OR VALUE CHOICES
FRMT #1	FRMT #2	FRMT #1	FRMT #2					
72	77	74	79	1	0-1	1	Opening	0 = No Report 1 = Report
72	77	74	79	2	0-1	1	Closing	
72	77	74	79	3	0-1	1	Force Arm	
72	77	74	79	4	0-1	0	Automatic Test	
72	77	74	79	5	0-1	1	Manual Test	
72	77	74	79	6	0-1	1	AC Failure	
72	77	74	79	7	0-1	1	AC Restore	
72	77	74	79	8	0-1	1	Control Panel Low Battery	
72	77	74	79	9	0-1	1	Control Panel Battery Restore	
72	77	74	79	10	0-1	1	Sensor/Loop Restore	
72	77	74	79	11	0-1	1	Sensor/Loop Tamper	
72	77	74	79	12	0-1	1	Sensor/Loop Supervisory	
72	77	74	79	13	0-1	1	Sensor Low Battery	
72	77	74	79	14	0-1	1	Supervisory Trouble	
73	78			1-64	0-12	0	Default Report Code Override	Use SIA or Ademco ID report Code Table to Select Code for Sensor

PERSONAL ACCESS CODE (PAC) INSTALLATION					
FUNCTION	SELECTOR	VALUE	DEFAULT	DESCRIPTION	ACTION AND/OR VALUE CHOICES
90	2-32			Personal Access Code Entry	Enter 2 to 5 Digits, Then press STORE (PAC #1 is Temporary PAC)
91	2-32			Cancel A PAC	Press STORE to Remove PAC Selected
92	2-32	0-9	8	High Security Level Limit	Highest Security Level This PAC Can Use
93	2-32	0-9	0	Low security Level Limit	Lowest Security Level This PAC Can Use
94	2-32	0-1	0	Duress PAC	0 = Normal Security Level Control 1 = This is a Duress PAC
95	2-32	0-1	0	Master PAC Code	0 = Normal PAC; 1 = Master PAC
96	2-32	0-1	0	Arm Only PAC	0 = Normal Security Level Control 1 = Arms to Level 4 Only
97	2-32	0-1	0	No Bypass PAC	0 = Full Bypass Allowed; 1 = No Bypass
98	2-32	0-1	0	Access Output PAC	0 = No Access Control Output 1 = Access Control Output Activates
99	2-32	0-1	0	Access Output Only	0 = Normal Security Level Control 1 = Activate Access Output Only
100	2-32	0-1	0	Locked PAC Code	0 = User Can Change Own Code 1 = User Cannot Change Own Codes
101	2-32	0-1	0	PAC Programming Enable	0 = This PAC Cannot Set other PAC's 1 = PAC Program Mode Allowed

Linear CP-90 Program Sheet

CONTROL PANEL CONFIGURATION					
FUNCTION	SELECTOR	VALUE	DEFAULT	DESCRIPTION	ACTION AND/OR VALUE CHOICES
120	1	1-250	30	Entry Delay Time #1	Enter Value in Seconds for Delay
120	2	1-250	45	Entry Delay Time #2	
120	3	1-250	45	Exit Delay Time	
120	4	0-250	0	Burglary Output Delay	
120	5	0-250	5	Burglary Output Cutoff	Enter Value in Minutes Enter "0" for Continous
120	6	0-250	5	Fire Output Cutoff	
120	7	0-250	5	Police Alarm Cutoff	
120	8	0-250	5	Emergency Output Cutoff	
120	9	0-250	5	Access Output On-Time	Enter Access Output Time in Seconds 0 = Toggles On/Off each Action
120	10	0-250	5	Automation #1 On-Time	
120	11	0-250	5	Automation #2 On-Time	
121	1	0-1	0	Pulsing Burg Output	0 = Steady 1 = One Second On & One Second Off
121	2	0-1	0	Pulsing Fire Output	
121	3	0-1	0	Multiple Burg Output Shutdown	0 = Multiple Outputs Per Arm/Disarm 1 = Only One Audible Output Per Arm
121	4	0-1	0	Day Alert Latch	0 = Trbl Light Clears when No Trbl 1 = Trbl Light Latches, Clear with Status "97"
121	5	0-1	0	Bell Test on Arming	0 = No Bell Test; 1 = Bell Test in Level 4
121	6	0-1	0	Keypad Burg for Lock-Ins	0 = Normal 1 = Any Key Starts Entry Delay While in Level 4
121	7	0-1	0	Entry Delay Beeps	0 = Beeps Off 1 = Beeps On
121	8	0-1	0	Exit Delay Beeps	
121	9	0-1	0	Silent Police Alarms	0 = Alarm will Sound 1 = Silent Alarm
121	10	0-1	0	Silent Emergency Alarms	
121	11	0-1	0	Silent Burg Alarms	
121	12	0-1	0	Disable Quick Arming	0 = Quick Arming Allowed 1 = Quick Arming Not Allowed
121	13	0-1	0	Automatic Restoral	0 = Bypasses Clear on Restoral 1 = Bypasses Remain on Restoral
121	14	0-1	0	Auto Bypass Arming	0 = Auto Bypass then Arm 1 = No Arm until Quick Bypass
121	15	0-1	0	Receiver Desense	0 = Normal Receiver Sensitivity 1 = Reduced Receiver Sensitivity (-6dB)
121	16	0-1	0	Alarm Latch for Non-Reporting Sensors	0 = No Alarm Memory or Alarm LED 1 = Alarm Memory & Alarm LED Latches
121	17	0-1	0	Automatic Alarm Memory Display	0 = Manual Alarm Memory Display w/Status "96" 1 = Automatic Alarm Memory Display for 45 Seconds after Alarm
121	18	0-1	0	24-Hour System Status Display	0 = Status Indicators Only when Manually Checking Status 1 = Sensor Status Shown on Indicators at All Times
121	19	0-1	0	KD-90 Communicator Status Display	0 = No Communicator Status Display 1 = Communicator Status Displayed on KD-90
121	20	0-1	0	Master Reset Disable	0 = Master Reset Switch Enabled 1 = Master Reset Switch Disabled
121	21	0-1	0	Event Log Limiter	0 = No Limits on Adding to the Event Log 1 = Only 200 Events will be Logged after Initial Alarm until Log is Cleared
121	22	0-1	0	Audible Sensor Trouble	0 = Sensor Trouble Only Lights LEDS on Keypads 1 = Sensor Trouble Lights LEDS on Keypads and Chimes every Minute
121	23	0-1	0	Quick Bypass Disable	0 = Quick Bypass Allowed 1 = No Quick Bypass

Linear CP-90 Program Sheet

CONTROL PANEL CONFIGURATION					
FUNCTION	SELECTOR	VALUE	DEFAULT	DESCRIPTION	ACTION AND/OR VALUE CHOICES
122	1	0-1	0	Sensor Violation & Test Logging Including Unarmed Sensors	
122	2	0-1	1	Sensor Restoral Logging	0 = No Logging; 1 = Log Events
122	3	0-1	1	Normal Opening & Closing Logging	0 = No Logging 1 = Log Events
122	4	0-1	1	Forced Closing Logging	0 = No Logging; 1 = Log Events
122	5	0-1	1	Opening After an Alarm Logging	0 = No Logging; 1 = Log Events
122	6	0-1	1	Sensor & Accessory Supervisory Logging	0 = No Logging 1 = Log Events
122	7	0-1	1	Panel Reset, Test and Supervisory Logging	0 = No Logging 1 = Log Events
122	8	0-1	1	Communicator Logging	0 = No Logging; 1 = Log Events
122	9	0-1	1	Panel Programming Logging	0 = No Logging; 1 = Log Events
122	10	0-1	1	Fire, Burglary & Emergency Outputs Logging (On & Off)	0 = No Logging 1 = Log Events

SPECIAL INSTALLER FUNCTIONS					
123	1			Delete All Sensors	Press STORE in Value to Delete All Sensors
123	2			Delete All Accessories	Press STORE in Value to Delete All Accessories
123	3			Re-Assign Sensor Report Codes	Cycle to Value Field and Press STORE to Re-Assign Sensor Report Codes to Values in Report Code Table (See Functions 70 & 75)

KEYPAD TROUBLE CODES			
CODE #	TYPE OF TROUBLE	CODE #	TYPE OF TROUBLE
73	Central Station Communication Failure	79	Panel Tamper
74	Panel Low Battery	80	Panel AC Power Failure
75	Panel Auxiliary Fuse Blown	86	Panel Ram Check Error
76	Panel Fire Circuit Fuse Blown	87	Keypad Connected But Not Installed
77	Panel Radio Failure	88	Panel EEPROM Failure
78	Panel Power Failure	89	Panel Firmware Failure

KEYPAD COMMANDS	
Status "80"	Sets Clock Minutes
Status "81"	Sets Clock Hours
Status "82"	Sets Calendar Day
Status "83"	Sets Calendar Month
Status "84"	Sets Calendar Year
Status "85"	Sets Day of Week
Status "86"	CLK 1 SEC/DY Faster
Status "87"	CLK 1 SEC/DY Slower
Status "90"	Displays Firmware Version
Status "96"	Displays Alarm Memory
Status "97"	Clears Trouble Display
Status "98"	Backup Battery Test
Status "99"	Resets Smoke Detectors

SECURITY LEVELS	
LEVEL 0	DISARM/CANCEL
LEVEL 1	GUARD
LEVEL 2	CHIME
LEVEL 3	HOME
LEVEL 4	AWAY
LEVEL 5	NIGHT
LEVEL 6	NIGHT SECURE
LEVEL 7	COMMUNICATOR TEST
LEVEL 8	SENSOR TEST
LEVEL 9	PROGRAM MODE

KEYPAD EMERGENCY KEY TABLE			
VALUE	OPTION	VALUE	OPTION
0	Disable All Three Emergency Keys	4	Fire Key Active Only
1	Police Key Active Only	5	Fire & Police Keys Active
2	Emergency Key Active Only	6	Fire & Emergency Keys Active
3	Emergency & Police Keys Active	7	Enable All three Emergency Keys

How To Program Linear CP-90

Enter Programming - Press 9 + 98765

Exit Programming - Press *

Example: **How to Program Main Receiver Number in Function 62 Selector 1**

Press 62 + [???] **(Selects Communication Section)**

Press 1 + [???] **(Selects Primary Phone Number)**

Press 1 + [] **(Enters and Stores 1st Digit of Phone Number and moves to next Value)**

Enter 2nd Digit + [] **(Enters and Stores 2nd digit of Phone Number and moves to next Value)**

[] **Stores Data Displayed**

[???] **Moves to Function, Selector and Value Fields**

[] **Counts UP One Number (of Function, Selector or Value)**

[] **Resets Value to Default**

[] **Counts Down One Value**