Linear 21st Sentry CP-90 Program Sheet

Enter Program	9 + 98765 (System must be disarmed to Level 0 first)
Exit Program	* for 4 seconds
Show Version	{bmct liquest.shg} + 90
Compatible Wireless Sensors	40S40A/70S60 Motion Detector ESL 371 Smoke Detector LMT-1 Portable Panic ST Series Door/Window Sensors ST-1 Portable Panic ST-23 Money Trap T-90 Door/Window TGB-90 Glassbreak Detector TSD-90A Smoke Detector TX-91, TX-92, TX-94 Hand Held Panics
Zone Config	Zones 1 to 3 = Hardwired Zones Zones 4 to 64 = Wireless Zones Zones 65 to 72 = Hardwired Keypads
Default Panel	Hold MASTER RESET button in panel for 10 seconds while powering up
Programming Hints	1. After entering programming you start out at Function 0 2. Enter location to program (example: Location 50) then press {bmct liquest.shg} 3. Choose Selector (Example: 2 for Communication Fmt 1) then {bmct liquest.shg} 4. Enter new Value (Example: 11 for SIA format) then press {bmct libypass.shg} to save 5. You should hear a "Happy Tone" indicating okay, a "NA NA" tone means bad data 6. This takes you back to Location 50, enter new location or press {bmct liquest.shg} to re-enter Location 50 to program other locations, * exits back to location 0

(FUNCTION is the Location of a group of)
(SELECTOR is a program location within a FUNCTION)
(VALUE is the data stored within a SELECTOR)

Keypad Commands

- << Stores (Saves) Data
- ??? << Cycles through Fields
- << Counts Up through Options
- << Reset Data to Default Value
- << Counts Down through Options
- * << Clears Display/ Exits Location

LCD Display

FUNCT=070 SEL=034 VAL=001
FORCE ARM REPORT CODE

LED Display

At Function Prompt

At Selector Prompt

At Value Prompt

FUNCTION	SELECTOR	Description	Action or Value
0	0	Display installed Sensor	1. Press 0 + ??? + ??? 2. Press ??? (keypad will scroll all zones) 3. Press ??? to stop scrolling 4. Press * to exit
1	0	Auto-install RF Sensors	1. Press 0 + ??? + ??? 2. Display shows currently installed sensors 3. Press ??? (keypad will sound tone) 4. Activate sensor, it installs on next available zone (*Caution:* a sensor can be learned into multiple zones) 5. Press to exit
2	4-64	Manually install RF Sensor	1. Press 2 + ??? + Zone (4 to 64) + ??? 2. Press then activate Sensor (keypad will beep when learned, press * to exit) (Learn TK-90 Wireless keypad as a zone, no zone type)

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Linear 21st Sentry CP-90 Program Sheet

FUNCTION	SELECTOR			
3	4-64	Manually remove RF Sensor	1. Press 3 + [? ? ?] + Zone (4 to 64) + [? ? ?] 2. Press [ ] to delete sensor (keypad will beep when deleted, press * to exit)	
4	1-64	Sensor Zone Type	1. Press 4 + [? ? ?] + Zone (4 to 64) + [? ? ?] 2. Enter Zone Type then press [ ] (keypad will beep, press * to exit)	
	0	Exterior	Arm Levels 3, 4, 5 & 6 - Chimes in Level 2	
	1	Restricted Interior	Arm Levels 4, 5 & 6	
	2	Interior	Arm Levels 4, 5 & 6	
	3	Fire	24-Hour Fire Zone	
	4	Emergency	24-Hour Emergency Zone	
	5	Police/Hold-Up	24-Hour Police/Holdup Zone	
	6	Arm/Disarm Toggle	Sensor is Pushbutton that arms to Level 4 or 1	
	7	Remote Panic	Hold 3-Seconds Triggers 24-Hour Duress	
	8	Remote Panic/Police	Hold 3-Seconds Triggers 24-Hour Police	
		(Types 6, 7, and 8 can be used for keyfob, see Function 17 for button assignments)		
	9	Guard Zone	Arm Levels 1, 2, 3, 4, 5 & 6 reports as Burg in Level 4	
	10	Environmental Type A	24-Hr Zn, Triggers Audible, Violation & No Reports	
	11	Environmental Type B	24-Hr Zn, Triggers Audible Only, Violation, No Reports	
	12	Environmental Type C	24-Hr Zn. Triggers Audible Only, No Violation, No Reports	
	13	Chime Only	Active Levels 1, 2 & 3, Chime Only, No Violation & 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 Disable	"Dead" Zone to Disable Buttons on TX Remotes	
5	1-64	Sensor Entrance Delay	| 0 |	0 = Instant 1 = Delay One (See Function 120-1) 2 = Delay Two (See Function 120-2) 3 = Interior Follower
6	4-64	Sensor Type	| 0 |	0 = Normal Open/Close Sensor 1 = PIR
7	4-64	RF Sensor Supervision	| 0 |	0 = Supervised 1 = Unsupervised
8	1-64	Sensor Local Alarm	| 0 |	0 = Audible 1 = Silent
9	1-64	Sensor Bypassing	| 0 |	0 = Can be Bypassed (All others) 1 = Cannot be Bypassed (Fire Zones)
10	1-64	Sensor Audio Reporting	| 2 |	0 = No Sensor Audio 1 = Listen Only Audio 2 = Two-Way Audio
11	0	Hardwire Zone 1, 2 & 3 Auto Setup	1. Press 11 + [? ? ?] + [? ? ?] 2. Press [ ] to install Zones 1 2 and 3 (All Zones MUST be closed to install properly 3. Press * to exit 4. Remove unused hardwire zones in step 15	
12	1-3	Hardwire Loop Response Time	| 4 |	(1 to 100 x100 ms)
13	1-3	Hardwire Loop Supervision	| 0 |	0 = EOL Supervised (2.2k) 1 = No EOL
14	1-3	Hardwire Loop Trouble Type	| 0 |	0 = No Trouble 1 = Trouble on Open 2 = Trouble on Short 3 = Trouble on Open or Short
15	1-3	Hardwire Loop Disable	| 0 |	0 = Loop Disabled 1 = Loop Enabled

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Linear 21st Sentry CP-90 Program Sheet

FUNCTION	SELECTOR			
16	1-64	KD-90 LCD Zone Descriptions Enter location from regular programming by pressing 16 + ? ? ? 1. Enter Zone to program (01 to 64) then ? ? ? 2. Enter 1 to 3 digit number from chart to create first word then 3. Enter next word + 4. Continue until finished (up to 24 characters) 5. Press * to exit (see last page of program sheet for all descriptors)		
17	3-17	Zone Select for TX-91, TX-92 Remotes 1. First learn Remote by Function 2 2. Press 17 + ? ? ? + 1st button Zone Type + ? ? ? + + press Keyfob button 3. Press 17 + ? ? ? + 2nd button Zone Type + ? ? ? + + press Keyfob button 4. Continue until all buttons are learned (top button can't be learned and is always a panic) 5. Press * to exit		
20	0	Display Keypads in Memory	1. Press 20 + ? ? ? + ? ? ? + 2. Display shows number of Keypads installed, press 3. Display scrolls what zone keypad occupies and keypad type 3. Press * to exit	
21	0	Auto-Install Keypads	1. Press 21 + ? ? ? + ? ? ? + 2. Keypads will install automatically to Zones 65 to 72 3. Press * to exit	
23	65-72	Manually Remove Keypad (1st keypad is Zone 65, 2nd is 66 etc)	1. Press 23 + ? ? ? + (65 to 72) + ? ? ? + 2. Press * to exit	
24	65-72	Keypad Panic Keys Enable (1st keypad is Zone 65, 2nd is 66 etc)	1. Press 24 + ? ? ? + (65 to 72) + ? ? ? + 0 to 7 + 2. Press * to exit	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 Panic Keys

Keypad Options (1st keypad is Zone 65, 2nd is 66 etc to 72)

25	65-72	Standby Display Intensity	__0__	0 = Off 1 = Low 2 = Medium 3 = High
26	65-72	Standby Downlight Intensity	__0__	0 = Off 1 = Low 2 = Medium 3 = High
27	65-72	Active Display Intensity	__2__	0 = Off 1 = Low 2 = Medium 3 = High
28	65-72	Active Downlight Intensity	__2__	0 = Off 1 = Low 2 = Medium 3 = High
29	65-72	Keypad Lights on Entry Delay	__1__	0 = Lights Off 1 = Lights On
30	65-72	Keypad Lights on Exit Delay	__1__	0 = Lights Off 1 = Lights On
31	65-72	Keypad Beep Loudness	__2__	0 = Off 1 = Low 2 = Medium 3 = High
32	65-72	Keypad Annunciate Loudness	__2__	0 = Off 1 = Low 2 = Medium 3 = High
33	65-72	Keypad Alarm Loudness	__2__	0 = Off 1 = Low 2 = Medium 3 = High
34	65-72	Keypad Panic Audio Response (2-way)	__0__	0 = No Audio 1 = Listen-In 2 = Two Way
35	65-72	KD-90 Accessory LCD Captions		Enter names for keypad locations

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Linear 21st Sentry CP-90 Program Sheet

Communicator Settings

50	1	Communicator On/Off	_ 1 _	0 = Local System Only 1 = Communicator Enabled
	2	Communications Format #1	_11_	0 = 10PPS 3x1 Ademco 1400Hz
	3	Communications Format #2	_11_	1 = 10PPS 3x1 Extended 1400Hz 2 = 10PPS 4x1 1400Hz 3 = 10PPS 4x2 Silent Knight 1400Hz 4 = 20 PPS 3x1 Sescoa 2300Hz 5 = 20 PPS 3x1 Extended 2300Hz 6 = 20PPS 4x1 2300Hz 7 = 20PPS 4x2 2300Hz 8 = 40PPS 3x1 2300Hz 9 = 40PPS 3x1 Extended 2300Hz 10 = BFSK 3x2 11 = SIA 12 = Sescoa Superspeed 13 = Ademco Contact ID
		(Changing formats here defaults values in Function 72) Contact ID not available in versions before 2.10, always use SIA		
	4	Dialing Format	_ 0 _	0 = DTMF 1 = Pulse Dialing
	5	Opening Reports by Exception	_ 0 _	0 = Normal 1 = Opening when Disarm after Alarm
	6	Closing Reports by Exception	_ 0 _	0 = Normal Closing Reports 1 = Closings when Disarm after an Alarm
	7	Tamper Report Routing	_ 0 _	0 = Reports on Supervisory Routing 1 = Reports on Alarm Routing
	8	Dialing Start Delay	_ 0 _	0 to 250 Seconds
	9	Dialing Attempts	_ 8 _	0 to 250 Attempts
	10	Dialing Attempts before Sleep Cycle	_ 2 _	0 to 250 Attempts
	11	Number of Sleep Cycles Allowed	_ 2 _	0 to 250 Cycles
	12	Sleep Cycle Time	_10_	1-250 Minutes before next dial
	13	Anti-Jam Time	_40_	1 to 250 Sec
	14	Automatic Test Report Delay	_ 0 _	0 to 250 Hrs
	15	Swinger Eliminator Count	_ 0 _	0 = All Violations Reported (Disabled) 1 -10 = # of Violations Sensor/Loop
	16	Remote Programming Lockout	_ 1 _	0 = No Remote Programming 1 = Remote Programming Allowed
	17	Invalid Access Timeout	_20_	20 to 50 sec
	18	Automatic Test Report Interval	_ 1 _	0 = Test Reports every 12 Hours 1-7 = Test Reports every 1-7 Days
	19	Inhibit Superspeed End of TX	_ 0 _	0 = ETX at End of Report 1 = No ETX Sent at End of Report
	20	Listen-Only Audio After duress	_ 0 _	0 = No Audio After Duress 1 = Listen-Only Audio After Duress
51	1	Remote Program Access Code	_9__8__7__6__5__4_	(000000 to 999999)

1. Press 51 then [???]
2. Press 1 then [???] to select 1st digit
3. Press 9 then [ ]
4. Press 8 then [ ]
5. Press 7 then [ ]
6. Press 6 then [ ]
7. Press 5 then [ ]
8. Press 4 then [ ] + [???]

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Linear 21st Sentry CP-90 Program Sheet

Communicator Settings

60	1	Alarm Call Routing	| 0 |	0 = Primary Only
	2	Open/Close Call Routing	| 0 |	1 = Primary then Secondary
	3	Restore Call Routing	| 0 |	2 = Secondary Then Primary
	4	Auto/Manual Test Call Routing	| 0 |	3 = Secondary Only
	5	Audio Events Call Routing	| 0 |	4 = Supervisory Only
	6	Superv/Trouble Call Routing	| 0 |	5 = Supervisory Then Primary
				6 = Supervisory Then Secondary
61	1	Primary Line Format	| 1 |	1 = Communication Format 1
	2	Secondary Line Format	| 1 |	2 = Communication Format 2
	3	Supervisory Line Format	| 1 |	(see Location 50 Section 2 and 3)

62 Primary Telephone Number ((Up to 24 Digits)

|____|____|____|____|____|____|____|____|____|____|____|____|____|____|____|____|

11 = * 12 = # 13 = 5-second Pause 14 = Wait for Dial Tone 15 = End of number

1. Press 62 + [? ? ?]
2. Press 1 + [? ? ?] to select 1st digit
3. Press 14 + [↙═↘] (adds wait for Dial Tone, displays on screen as W)
4. Press 1 + [↙═↘] (1st digit of phone number)
5. Press 8 + [↙═↘] (2nd digit of phone
6. Continue until finished with phone number
7. Press 15 + [↙═↘] to finish and exit

63 Primary Account Number (Up to 6-Digits) |____|____|____|____|____|____|

4-2 allows 0 to 9 and A to F SIA & Contact ID 0 to 9 only

1. Press 63 + [? ? ?]
2. Press 1 + [? ? ?] to select 1st digit
3. Enter 1st digit of Account number then [↙═↘]
4. Enter 2nd digit of Account number then [↙═↘]
5. Enter 3rd digit of Account number then [↙═↘]
6. Enter 4th digit of Account number then [↙═↘]
7. Press 15 then [↙═↘] to end and * to exit

64 Copy Primary to Secondary

65 Secondary Telephone Number (Up to 24 Digits, do not use)

|____|____|____|____|____|____|____|____|____|____|____|____|____|____|____|____|

66 Secondary Account Number (6 digits) |____|____|____|____|____|____|

67 Copy Secondary to Supervisory Press {bmct libypass.shg} to copy

68 Supervisory Telephone Number (Up to 24 Digits, do not use)

|____|____|____|____|____|____|____|____|____|____|____|____|____|____|____|____|

69 Supervisory Account Number (6 digits) |____|____|____|____|____|____|

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Linear 21st Sentry CP-90 Program Sheet

Report Codes for 4/2 Format only (this is 1st digit)

70	1	Fire Sensor/Loop	1	0 to 15 (0 = Disabled)
	2	Exterior Intrusion	3	0 to 15 (0 = Disabled)
	3	Interior Intrusion	5	0 to 15 (0 = Disabled)
	4	Police/Holdup	2	0 to 15 (0 = Disabled)
	5	Emergency	4	0 to 15 (0 = Disabled)
	6	Environmental	0	0 to 15 (0 = Disabled)
	7	Restore	14	0 to 15 (0 = Disabled)
	8	Sensor Tamper	0	0 to 15 (0 = Disabled)
	9	Bypassed Sensor	0	0 to 15 (0 = Disabled)
	10	Keypad Fire	1	0 to 15 (0 = Disabled)
	11	Keypad Police/Hold-Up	2	0 to 15 (0 = Disabled)
	12	Keypad Emergency	4	0 to 15 (0 = Disabled)
	13	Duress	0	0 to 15 (0 = Disabled)
	14	Opening	11	0 to 15 (0 = Disabled)
	15	Closing	12	0 to 15 (0 = Disabled)
	16	Cancel	13	0 to 15 (0 = Disabled)
	17	Communicator Auto Test	0	0 to 15 (0 = Disabled)
	18	Communicator Man. Test	0	0 to 15 (0 = Disabled)
	19	Control Panel Tamper	0	0 to 15 (0 = Disabled)
	20	Keypad Tamper	0	0 to 15 (0 = Disabled)
	21	Supervisory Trouble	15	0 to 15 (0 = Disabled)
	22	Control Panel Low Battery	0	0 to 15 (0 = Disabled)
	23	Control Panel Battery Restore	0	0 to 15 (0 = Disabled)
	24	AC Failure	0	0 to 15 (0 = Disabled)
	25	AC Restore	0	0 to 15 (0 = Disabled)
	26	Memory Error	0	0 to 15 (0 = Disabled)
	27	Auxiliary Fuse Blown	0	0 to 15 (0 = Disabled)
	28	Fire Power Fuse Blown	0	0 to 15 (0 = Disabled)
	29	Not Used		
	30	Communication Failure	0	0 to 15 (0 = Disabled)
	31	Keypad Trouble	0	
	32	Sensor Low Battery	0	
	33	Sensor Superv/Trouble	0	
	34	Force Close	12	0 to 15 (0 = Disabled)
	35	Supervisory Restore	0	
71	1-64	Default Report Code Override	Report Code For Specific Sensor	

Report Enable for SIA or Contact ID Reporting

72	1	Opening	0	0 = No Report
	2	Closing	0	1 = Report
	3	Force Arm	0	
	4	Automatic Test	0	
	5	Manual Test	1	1 = Report
	6	AC Failure	1	
	7	AC Restore	0	
	8	Control Panel Low Battery	1	
	9	Control Panel Battery Restore	0	
	10	Sensor/Loop Restore	0	
	11	Sensor/Loop Tamper	1	
	12	Sensor/Loop Supervisory	0	
	13	Sensor Low Battery	0	
	14	Supervisory Trouble	1	

73	1-64	SIA/CID Report Override Format #1 (Overrides Report Codes if needed)	1. Press 73 + [? ? ?] + Zone (1 to 64) + [? ? ?] 2. Enter 1 or 2-digit Override code then [↵] 3. Press * to exit
78	1-64	SIA/CID Report Override Format #2	

SIA Over-Ride Codes

1 = Burg Alarm	7 = Panic Alarm
2 = Fire Alarm	8 = Sprinkler Alarm
3 = Gas Alarm	9 = Tamper Alarm
4 = Holdup/Duress	10 = Untyped Alarm
5 = Heat Alarm	11 = Water Alarm
6 = Medical Alarm	12 = Freeze Alarm

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Linear 21st Sentry CP-90 Program Sheet

User Codes (32 total Codes also called PAC's)

Master Code	Usually User 02	(Any User Code can be set as Master)
Temp Code	User 01	
Secondary Code	User 03 to 31	
Duress Code	Usually User 31	(Any User Code can be set as Duress)
Installer Code	User 32	(Default is 98765)

90 2-32 Personal Access Code Entry |____|____|____|____|____|

1. Press 90 + [? ? ?] + User (2 to 32) + [? ? ?]
2. Enter up to 4 to 5 digits then [↵]
3. Press * to exit

91 2-32 Cancel/Delete a PAC

1. Press 90 + [? ? ?] + User (2 to 31) + [? ? ?]
2. Press [↵] to delete
3. Press * to exit

92 2-32 High Security Level Limit |__8__|

Installer Code = 8
Master/Secondary Codes = 7
Duress = 0

Highest Security Level this Code can use
9 = Installer Code (Usually Code 32 only)
8 = Sensor Test
7 = Phone Test
6 = Night Secure (Perim Inst, Motion Byp)
5 = Night Arm
4 = Away Arm
3 = Home Arm
2 = Chime Mode
1 = Guard/Cancel (Local Alarm only)
0 = Disarm/Cancel

93 2-32 Low Security Level Limit |__0__|

All Codes set to 0

Lowest Security Level this Code can use
9 = Installer Code (Usually Code 32 only)
8 = Sensor Test
7 = Phone Test
6 = Night Secure (Perim Inst, Motion Byp)
5 = Night Arm
4 = Away Arm
3 = Home Arm
2 = Chime Mode
1 = Guard/Cancel (Local Alarm only)
0 = Disarm/Cancel

94 2-32 Duress PAC |__0__|

0 = Normal Code
1 = Duress Code

95 2-32 Master PAC Code |__0__|

0 = Normal Code
1 = Master Code

96 2-32 Arm Only PAC |__0__|

0 = Normal Security Level Control
1 = Arms to Level 4 Only
(Overrides location 92)

97 2-32 No Bypass PAC |__0__|

0 = Full Bypass Allowed
1 = No Bypass

98 2-32 Access Output PAC |__0__|

0 = No Access Control Output
1 = Access Control Output Activates

99 2-32 Access Output Only |__0__|

0 = Normal Security Level Control
1 = Activate Access Output Only

100 2-32 Locked PAC Code |__0__|

0 = User Can Change Own Code
1 = User Cannot Change Own Codes

101 2-32 PAC Programming Enable (set at 1 if Master PAC) |__0__|

0 = This Code Cannot Set other Codes
1 = Code Program Mode Allowed

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Linear 21st Sentry CP-90 Program Sheet

System Times				
120	1	Entry Delay Time 1	_ 30 _	1-250 Seconds
	2	Entry Delay Time 2	_ 45 _	1-250 Seconds
	3	Exit Delay Time	_ 45 _	1-250 Seconds
	4	Burglary Output Delay	_ 5 _	1-250 Seconds
	5	Burglary Output Cutoff	_ 5 _	0-250 Minutes (0 = Infinite)
	6	Fire Output Cutoff	_ 5 _	0-250 Minutes (0 = Infinite)
	7	Police Alarm Cutoff	_ 5 _	0-250 Minutes (0 = Infinite)
	8	Emergency Output Cutoff	_ 5 _	0-250 Minutes (0 = Infinite)
	9	Access Output On-Time	_ 5 _	0-250 Minutes (0 = Toggles On/Off)
	10	Automation #1 On-Time	_ 5 _	0-250 Minutes (0 = Toggles On/Off)
	11	Automation #2 On-Time	_ 5 _	0-250 Minutes (0 = Toggles On/Off)
System Sounds				
121	1	Pulsing Burg Output	_ 0 _	0 = Steady 1 = Pulsed
	2	Pulsing Fire Output	_ 0 _	0 = Steady 1 = Pulsed
	3	Multiple Burg Shutdown	_ 0 _	0 = Multiple Outputs Per Arm/Disarm 1 = Only One Audible Output Per Arm
	4	Day Alert Latch	_ 0 _	0 = Trouble Light Clears when No Trouble 1 = Trouble Light Latch, Clear w/Status "97"
	5	Bell Test on Arming	_ 0 _	0 = No Bell Test 1 = Bell Test if Armed to Level 4 or Higher
	6	Keypad Burglary for Lock-Ins	_ 5 _	0 = Normal 1 = Any Key Starts Entry Delay in Level 4
	7	Entry Delay Beeps	_ 1 _	0 = Beeps Off 1 = Beeps On
	8	Exit Delay Beeps	_ 1 _	0 = Beeps Off 1 = Beeps On
	9	Silent Police Alarms	_ 1 _	0 = Audible 1 = Silent
	10	Silent Emergency Alarms	_ 0 _	0 = Audible 1 = Silent
	11	Silent Burg Alarms	_ 0 _	0 = Audible 1 = Silent
	12	Disable Quick Arming	_ 0 _	0 = Quick Arming Allowed 1 = Quick Arming Not Allowed
	13	Automatic Bypass on Restoral	_ 0 _	0 = Bypass Clear on Restoral 1 = Bypass Remain on Restoral
	14	Auto Bypass Arming	_ 0 _	0 = Auto Bypass then Arm 1 = No Arm until Quick Bypass
	15	Receiver Desense/Sensitivity	_ 0 _	0 = Normal Sensitivity 1 = Reduced Sensitivity (-6dB)
121	16	Alarm Memory Latch for Sensors	_ 0 _	0 = No Alarm Memory Latch 1 = Alarm Memory & LED Latches
	17	Auto Alarm Memory Display	_ 0 _	0 = Manual Alarm Mem Disp w/Status "96" 1 = Auto Alarm Mem Disp after Alarm
	18	24-Hr System Status Display	_ 1 _	0 = Status Only w/Manually Checking 1 = Sensor Status on at All Times
	19	KD-90 Communicator Status Display	_ 0 _	0 = No Communicator Status Display 1 = Communicator Status Displays
	20	Master Reset Disable (This will lockout system)	_ 0 _	0 = Master Reset Switch Enabled 1 = Master Reset Switch Disabled
	21	Event Log Limiter	_ 0 _	0 = No Limits on Adding to Event Log 1 = 200 Events will be Logged until Cleared
	22	Audible Sensor Trouble	_ 0 _	0 = Sensor Trouble Only displays on Keypad 1 = Sensor Trouble on KP, Chime every Minute
	23	Quick Bypass Disable	_ 0 _	0 = Quick Bypass Allowed 1 = No Quick Bypass

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Linear 21st Sentry CP-90 Program Sheet

Event Logging

122	1	Sensor & Test Logging	__0__	0 = Log only Alarms, 1 = Log All
	2	Sensor Restoral	__1__	0 = No Logging, 1 = Log Events
	3	Normal Opening & Closing	__1__	0 = No Logging, 1 = Log Events
	4	Forced Closing	__1__	0 = No Logging, 1 = Log Events
	5	Opening After an Alarm	__1__	0 = No Logging, 1 = Log Events
	6	Sensor & Accessory Supervision	__1__	0 = No Logging, 1 = Log Events
	7	Panel Reset, Test and Superv	__1__	0 = No Logging, 1 = Log Events
	8	Communicator	__1__	0 = No Logging, 1 = Log Events
	9	Panel Programming	__1__	0 = No Logging, 1 = Log Events
	10	Fire, Burg, Emergency Outputs	__1__	0 = No Logging, 1 = Log Events

LCD Keypad Alpha Zone Descriptors

EMERGENCY Key moves cursor to beginning # moves forward 255 erases anything after cursor

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

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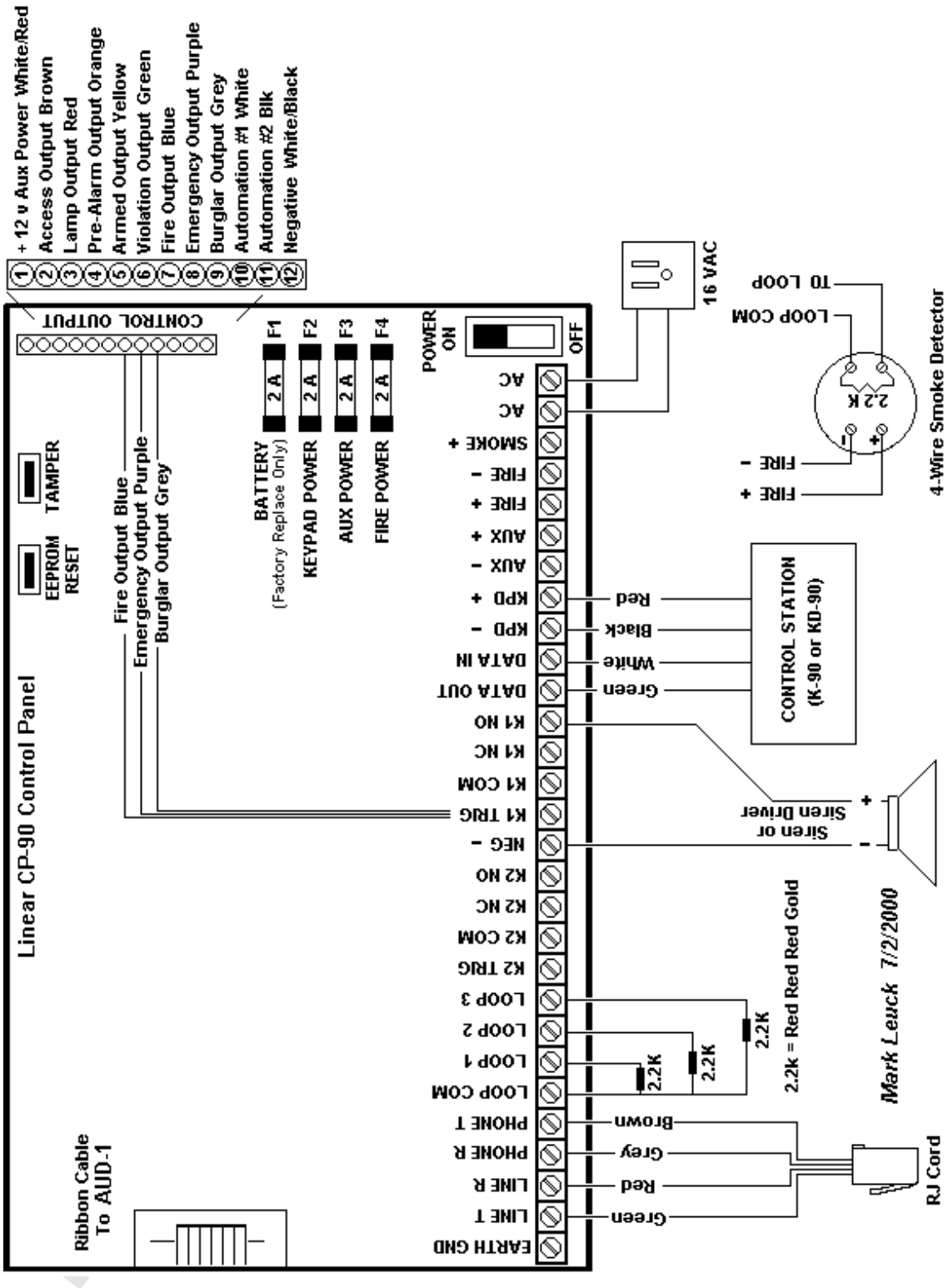
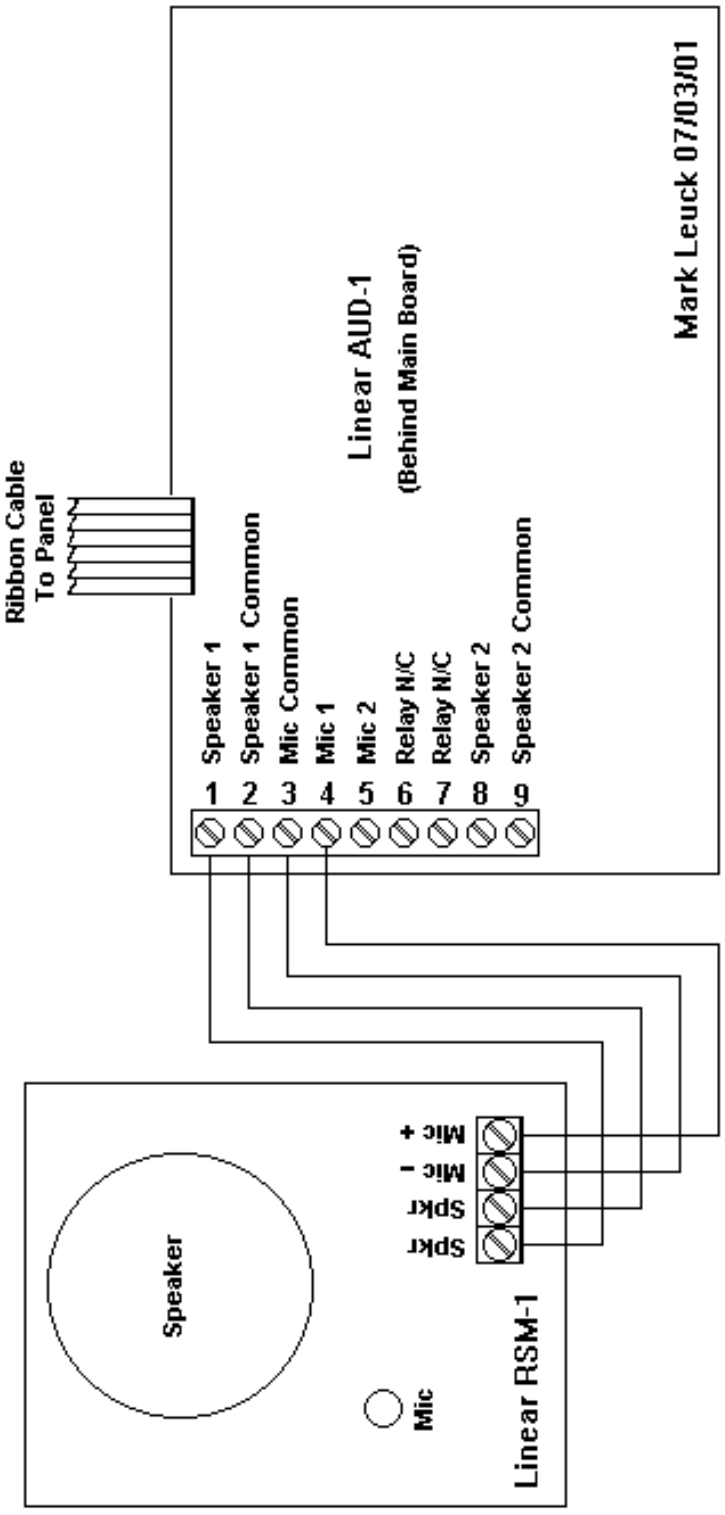
Linear 21st Sentry CP-90 Program Sheet



Linear 21st Sentry CP-90 Program Sheet



Created by Mark Leuck 02/02/2002

Monitronics 21st Sentry CP-90 Quick Reference Guide

Monitoring and Service call 1-800-447-9239

Arm Away	4 then User Code
Arm Stay	3 then User Code
Arm Instant	6 then User Code
Disarming	0 then User Code
Arm Instant	6 then User Code
Status	Press [? ? ?] to show Arming Level Press and hold [? ? ?] for 1 second to view status of Zones
Zone Bypassing	1. Arm system in Stay or Away mode 2. Press [/ — \ ] then enter Zone to bypass (01 to 64) or 1. Arm system with Zone or Zones open 2. Press [/ — \ ] for 2 seconds, all open Zones will be bypassed
User Codes	1. Press # + Master Code 2. Hold # until keypad beeps 3. Enter User to change or add (03 to 32) then # 4. Enter new User Code (4 to 5 digits) then # 5. Enter 6-digit User Level 1st digit = Highest level User can Arm system (see list at right) 2nd digit = Lowest level User can Disarm system (see list at right) 3rd digit = 0 for Normal User Code, 1 for Duress Code, 2 for Master Code, 3 = Arm Only Code 4th digit = 0 to allow Zone Bypassing, 1 to not allow Zone Bypassing 5th digit = 0 for No Access Control Output, 1 allows Access Control Output 6th digit = 0 if User can change own User Code, 1 if User cannot change own User Code Press # to save and exit Example: to program user 03 as a standard User Code of 5555 enter # + Master Code + # + Hold # until keypad beeps + 03 + # + 5555 + # + 8 0 0 0 0 1 + # User Code Levels 0 = Disarm 1 = Guard Mode 2 = Chime Mode 3 = Home Arm 4 = Away Arm 5 = Night Arm 6 = Secure Night Arm 7 = Phone Test 8 = Sensor Test
Door Chimes	Press 2 then enter User Code
Fire/Smoke Detector Reset	Press [? ? ?] then 99
Clear Alarm Display	Press [? ? ?] then 97
System Troubles	If Trouble Light is ON press [? ? ?] for 1 second to view 2-digit Trouble 73 = Communication Failure 74 = Panel Low Battery 75 = Auxiliary Power Fuse Failure 76 = Fire Power Fuse Failure 77 = Wireless Receiver Failure 78 = System Low Battery 79 = Panel Box Tamper Trouble 80 = AC Power Failure 86 = Internal System Trouble 87 = Keypad exists but not installed in system 88 = EEPROM Write Failure (Internal System Trouble) 89 = Watchdog Trouble (Internal System Trouble)

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