

238 Alarm Control Panel Program Sheet

If Installer Lockout has NOT been enabled power down then up, Installer Code should default

Enter Program 012345 * 0 # ARMED, SERVICE, AC LED's should light
Alpha keypads will display "CMD DATA"

Exit Program * then # (↑ and ← on some keypads)

LED KP Program 2-digit location + data + # 3 beeps = Okay, 5 = Error! do it again

Alpha KP Program 2-digit location + E (Medical) scrolls Right, P (Police) scrolls left, # exits

Send to User Code + * + 0 + 2 + # (Download Number must be programmed)

Downloader

4/2 Signals	Zone 1	31	Duress	21 to 2F
	Zone 2	32	Keypad Fire Panic	01
	Zone 3	33	Keypad Police Panic	02
	Zone 4	34	Keypad Medical Panic	04
	Zone 5	35	Cancel	D + User
	Zone 6	36	Low Battery	71
	Zone 7	37	Low Battery Restore	76
	Zone 8	38	AC Failure	72
	Zone 9	39	AC Restoral	77
	Zone 10	40	Smoke Detector	16 or 18
	Zone 11	41	Fire Trouble	74
	Zone 12	42	Fire Trouble Restore	79
	Zone 13	43	Bell Fuse Failure	73
	Zone 14	44	Bell Fuse Restore	78
	Zone 15	45	Communicator Failure	75
	Zone 16	46	Panel Watchdog Reset	7B
			Zone (Fire) Trouble	8 + Zone*
			Downloading Complete	7C
			System Test	EE
			Opening	5 + User
			Closing	6 + User

Hex A = *0 B = *1 C = *2 D = *3 E = *4 F = *5

00 Installer Code	0 1 2 3 4 5 #
01 User Code 1	9 1 ? ? ? ? # (???? = User Code)
Digit 1 = Arming Code Type	1 = Arm only, no Closing Report, no Bypass 2 = Disarm only, no Opening Report, no Bypass 3 = Arm and Disarm, no OC Reports, no Bypass 4 = Arm only, with Closing Report, no Bypass 5 = Disarm onl, with Opening Report, no Bypass 6 = Arm and disarm, with O/C Reports, no Bypass 7 = Arm only, no Closing Report, Bypass 8 = Disarm only, no Opening Report, Bypass 9 = Arm/Disarm, No O/C Report, Bypass *0 = Arm only, with Closing Report, Bypass *1 = Disarm only, with Opening Report, Bypass *2 = Arm and disarm, with O/C Reports, Bypass
Digit 2 = 1st Digit of User Code	(This is Hard Coded as 1st digit of User Code)
Digit 3 to 6 = Last 5 digits User Code	(If less than 5 digits enter *4 as Last Digit)

02 User Code 2	9 2 ? ? ? ? #
03 User Code 3	9 3 ? ? ? ? #
04 User Code 4	9 4 ? ? ? ? #
05 User Code 5	9 5 ? ? ? ? #
06 User Code 6	9 6 ? ? ? ? #
07 User Code 7	9 7 ? ? ? ? #
08 User Code 8	9 8 ? ? ? ? #

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09 Arming/Code Options

0 0 1 1 # Digit 1 = Guest (Temp) Code Time Digit 2 = Code Required for User Functions Digit 3 = Default Installer Code on Power Down Digit 4 = Faulted (Force Arm) Type	1 = Disabled 2 = 2 Days 3 = 3 Days 4 = 4 Days 5 = 5 Days 6 = 6 Days 7 = 7 Days 0 = No 1 = Yes 0 = No 1 = Yes 1 = Zones must be Normal or Bypassed to Arm 2 = Force Arm Enabled on Open Zones 3 = Force Arm Enabled but chirp during Exit Delay 8 = 8 Days 9 = 9 Days *1 = 11 Days *2 = 12 Days *3 = 13 Days *4 = 14 Days *5 = 15 Days
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0A Communication Format

1 3 1 3 # Digit 1 = Receiver 1 Receiver Format Digit 2 = Receiver 1 Message Format Digit 3 = Receiver 2 Receiver Format Digit 4 = Receiver 2 Message Format	1 = Fast A 2300Hz 2 = Slow B 1400Hz 3 = SumCheck 1400Hz 4 = SumCheck 2300Hz 5 = CFSK III 6 = DTMF 1400Hz 1 = 3/1 Single 2 = 3/1 Extended 3 = 4/2 4 = 4/1 5 = CSFK III (Proprietary) 6 = 4/9 Ademco DTMF 7 = 4/2 SumCheck DTMF (not Contact ID) 1 = Fast A 2300 3 = 4/2
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0B Communications Control

0 1 1 1 1 0 0 # Digit 1 = Delay Before Dial Digit 2 = Dial Type Digit 3 = Enable Keypad Downloading Digit 4 = Download (RPS) Enabled Digit 5 = Phone Ring Type Digit 6 = Dialing Attempts	0 = 0 second 1 = 10 seconds 2 = 20 seconds 3 = 30 seconds 4 = 40 seconds 5 = 50 seconds 6 = 60 seconds 7 = 70 seconds 1 = DTMF, 5 tones per second (Slow dial) 2 = DTMF, 10 tones per second (Fast dial) 3 = Pulse, 10 pulses per second 0 = No 1 = Yes 0 = No 1 = Yes 0 = Single Ring 1 = Double Ring 1 = 1 Attempt 2 = 2 Attempts 3 = 3 Attempts 4 = 4 Attempts 5 = 5 Attempts 6 = 6 Attempts 7 = 7 Attempts 8 = 8 Attempts 8 = 80 seconds 9 = 90 seconds *0 = 100 seconds *1 = 110 seconds *2 = 120 seconds *3 = 130 seconds *4 = 140 seconds *5 = 150 seconds 9 = 9 Attempts 0 = 10 Attempts *1 = 11 Attempts *2 = 12 Attempts *3 = 13 Attempts *4 = 14 Attempts *5 = 15 Attempts
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0C Account Account 1

| 0 | 0 | ? | ? | ? | ? | # | (0 to F, 00 must be 1st 2 digits)

0D First 6-digits of Phone 1

| 1 | 8 | ? | ? | ? | ? | # |

0E Next 6-digits of Phone 1

| ? | ? | ? | ? | ? | *4 | # |

0F Last 6-digits of Phone 1

X X X X X X #	*0 = Dial Tone Detect *2 = * *3 = # *4 = End of Phone Number *5 = 5 second delay
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10 Account Account 2 | X | X | X | X | X | X | # | (? = Account)
 11 First 6-digits of Phone 2 | X | X | X | X | X | X | # | (Do Not Program)
 12 Next 6-digits of Phone 2 | X | X | X | X | X | X | # | (Do Not Program)
 13 Last 6-digits of Phone 2 | X | X | X | X | X | X | # | (Do Not Program)

14 First 6-digits of Download Number | 1 | 8 | 0 | 0 | 6 | 8 | # |
 15 Next 6-digits of Download Number | 2 | 1 | 6 | 9 | 0 | *4 | # | (*4 ends number)
 16 Last 6-digits of Download Number | X | X | X | X | X | X | # | (Do Not Program)

17 Loop Reporting Zone 1 | 3 | 1 | 0 | 0 | 0 | 0 | # | Digit 1 & 2 = Alarm Report Code
 18 Loop Reporting Zone 2 | 3 | 2 | 0 | 0 | 0 | 0 | # | Digit 3 & 4 = Restore Report Code
 19 Loop Reporting Zone 3 | 3 | 3 | 0 | 0 | 0 | 0 | # | Digit 5 & 6 = Shunt Report Code
 1A Loop Reporting Zone 4 | 3 | 4 | 0 | 0 | 0 | 0 | # |
 1B Loop Reporting Zone 5 | 3 | 5 | 0 | 0 | 0 | 0 | # |
 1C Loop Reporting Zone 6 | 3 | 6 | 0 | 0 | 0 | 0 | # |
 1D Loop Reporting Zone 7 | 3 | 7 | 0 | 0 | 0 | 0 | # |
 1E Loop Reporting Zone 8 | 3 | 8 | 0 | 0 | 0 | 0 | # |
 If Smoke on Zone 8 program as 1 6 0 0 0 #

1F Zone 1 Characteristics | 1 | 2 | 0 | ? | 2 | ? | # |

Digit 1 = Receiver Select 0 = Receiver 1 with Receiver 2 as Backup
 1 = Receiver 1 Only
 2 = Receiver 2 Only
 3 = Receiver 1 and Receiver 2 (Dual Report)

Digit 2 = Zone Response Time 0 = 5ms
 1 = 250ms
 2 = 500ms
 3 = 750ms

Digit 3 = Zone Restore Type 0 = No Restoral
 1 = Restoral sent when Zone normal
 2 = Restoral when Zone normal and Bell silenced
 3 = Restoral when Zone normal and if disarmed

Digit 4 = Zone Type 1 = Interior
 2 = Instant
 3 = Delay
 4 = 2x Delay
 5 = Day/Instant w Buzzer
 6 = Day/Delay with Buzzer
 7 = Day/Instant with Bell
 8 = Day/Delay with Bell
 9 = 24 Hr (Fire or Holdup)

Digit 5 = Loop Bell Type 1 = Pulsing
 2 = Steady
 3 = Chirp
 4 = Silent with no keypad LEDs
 5 = Silent with keypad LEDs

Digit 6 = Loop Circuit Type 1 = Normally Open
 2 = Normally Closed
 3 = EOL Resistors
 4 = Supervised, Bell Latched
 5 = Supervised, Bell not Latched (Smokes)

20 Zone 2 Characteristics | 1 | 2 | 0 | ? | 2 | ? | # |
 21 Zone 3 Characteristics | 1 | 2 | 0 | ? | 2 | ? | # |
 22 Zone 4 Characteristics | 1 | 2 | 0 | ? | 2 | ? | # |
 23 Zone 5 Characteristics | 1 | 2 | 0 | ? | 2 | ? | # |
 24 Zone 6 Characteristics | 1 | 2 | 0 | ? | 2 | ? | # |
 25 Zone 7 Characteristics | 1 | 2 | 0 | ? | 2 | ? | # |
 26 Zone 8 Characteristics | 1 | 2 | 0 | ? | 2 | ? | # |

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27 Keypad Medical Panic (Loop A)	0 4 1 3 #	
Digit 1 and 2 = Medical Panic Report Code		Sends 04
Digit 3 = Medical Panic Receiver Select		1 = Receiver 1 Only
Digit 4 = Medical Panic Bell Type		1 = Pulse 2 = Steady 3 = Chirp 4 = Silent
28 Keypad Fire Panic (Loop B)	0 1 1 1 #	
Digit 1 and 2 = Fire Panic Report Code		Sends 01
Digit 3 = Fire Panic Receiver Select		0 = Receiver 1 with Receiver 2 as Backup 1 = Receiver 1 Only 2 = Receiver 2 Only 3 = Receiver 1 and Receiver 2 (Dual Report)
Digit 4 = Fire Panic Bell Type		1 = Pulse
29 Keypad Police Panic (Loop C)	0 2 1 2 #	
Digit 1 and 2 = Police Panic Report Code		Sends 01
Digit 3 = Police Panic Receiver Select		1 = Receiver 1 Only
Digit 4 = Police Panic Bell Type		2 = Steady 4 = Silent
2A Event Reporting	1 1 7 1 D 1 #	
Digit 1 = Bypass Report Receiver Select		1 = Receiver 1 Only
Digit 2 = Restore Report Receiver Select		1 = Receiver 1 Only
Digit 3 = Unit Status Report Code		7 enables all below Reporting, 0 Disables 71 = Low Battery 77 = AC Restore 72 = AC Failure 78 = Bell Fuse Restore 73 = Bell Fuse Trouble 79 = Zone Trouble Restore 74 = Zone Trouble 7B = Panel Watchdog Reset 75 = Comm Failure 7C = Downloading Complete 76 = Battery Restore
Digit 4 = Unit Status Receiver Select		1 = Receiver 1 Only
Digit 5 = Cancel Report Code		Sends D + User1 to 8
Digit 6 = Cancel Report Receiver Select		1 = Receiver 1 Only
2B Test Report	E E 1 9 #	
Digit 1 & 2 = Test Report Code		00 = Disabled, if needed use EE
Digit 3 = Test Report Receiver Select		1 = Receiver 1 Only
Digit 4 = Test Report Interval		1 = 1 Hour 6 = 14 Days 2 = 4 Hours 7 = 30 Days 3 = 12 Hours 8 = 1 Hour if Armed 4 = 24 Hours 9 = 4 Hours if Armed 5 = 7 Days *0 = 12 Hours if Armed *1 = 24 Hours if Armed
2C Open/Closing Report	0 1 0 1 #	
Digit 1 = Opening Report Code		0 = Disabled, if needed use 5
Digit 2 = Opening Report Receiver Select		1 = Receiver 1 Only
Digit 3 = Closing Report Code		0 = Disabled, if needed use 6
Digit 4 = Closing Report Receiver Select		1 = Receiver 1 Only
(Also must have 1st digit of in sections 01 to 08 set as C to enable O/C Reports)		

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2D Duress Report/System Delays	2 1 3 6 2 #	
Digit 1 = Duress Report Code		2 sends 21 to 28 as Duress
Digit 2 = Duress Report Receiver Select		1 = Receiver 1 Only
Digit 3 = Entry Delay Time		1 = 10 seconds 2 = 30 seconds 3 = 60 seconds 4 = 90 seconds 5 = 120 seconds 6 = 150 seconds 7 = 70 seconds 8 = 80 seconds
		9 = 90 seconds *0 = 100 seconds *1 = 110 seconds *2 = 120 seconds *3 = 130 seconds *4 = 140 seconds *5 = 150 seconds
Digit 4 = Exit Delay Time		
Digit 5 = Audible Bell Timeout		1 = 2 minutes 2 = 5 minutes 3 = 10 minutes 4 = 15 minutes 5 = 30 minutes

2E Audible/Visual Switches	1 1 0 0 0 #
Digit 1 = Entry Delay Beeps Enable	0 = No 1 = Yes
Digit 2 = Exit Delay Beeps Enable	0 = No 1 = Yes
Digit 3 = Bell Reverse Operation	0 = No 1 = Yes
Digit 4 = Bell RingBack after Transmission	0 = No 1 = Yes
Digit 5 = Zone LED's off after 5 Minutes	0 = No 1 = Yes

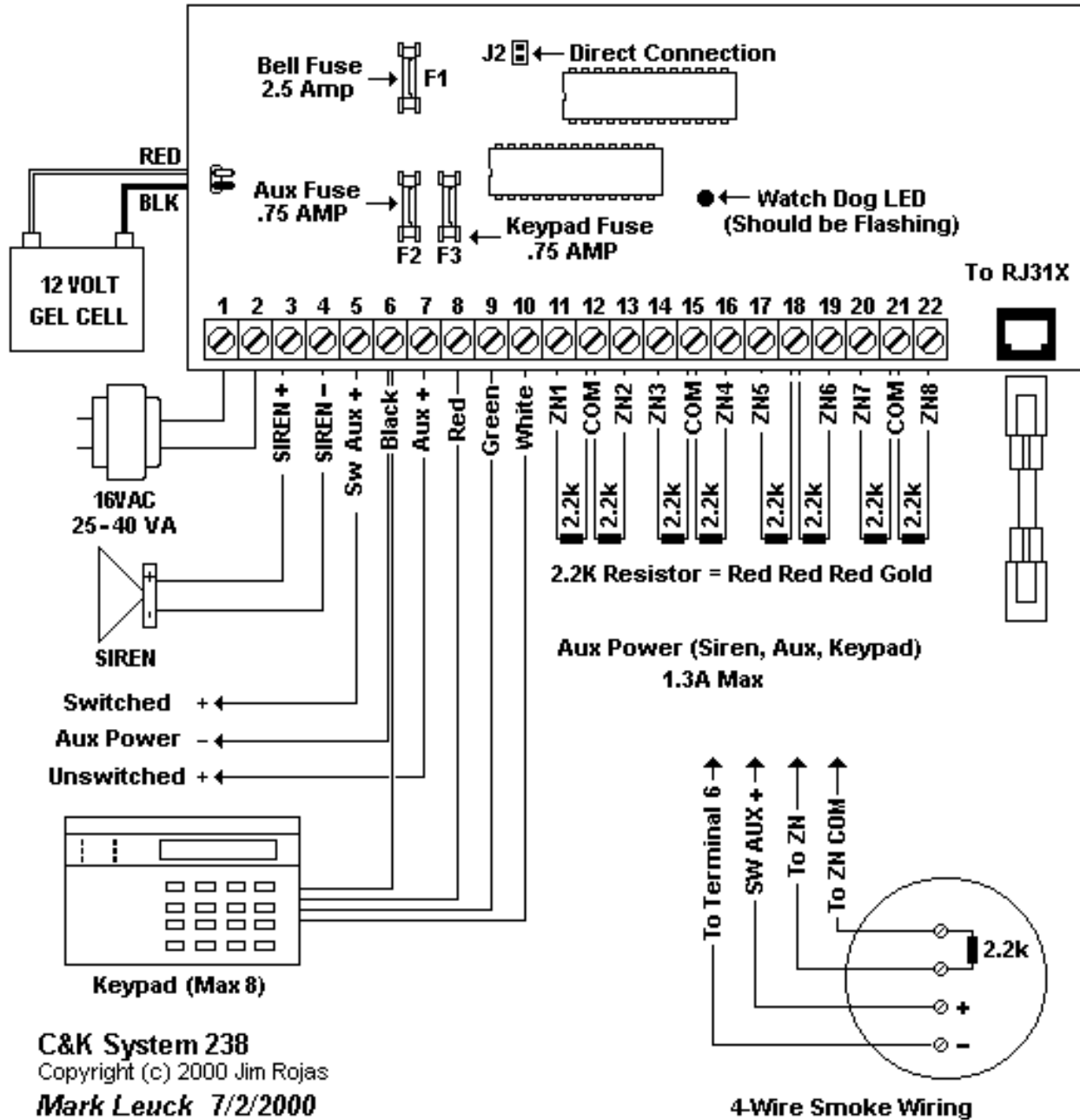
2F System Control	0 1 0 1 #
Digit 1 = Dialer Disabled (Local System Only)	0 = No 1 = Yes
Digit 2 = Daily Battery Test Enable	0 = No 1 = Yes
Digit 3 = 4=Minute Power-Up Delay	0 = No 1 = Yes
Digit 4 = Enable Keypad Panics	0 = No 1 = Yes

30 Zone 1 Switches	? 1 0 0 #
Digit 1 = Enable Door Chime	0 = No 1 = Yes
Digit 2 = Enable Bypassing	0 = No 1 = Yes
Digit 3 = Group Shunting (Motions)	0 = No 1 = Yes
Digit 4 = Delay Before Dial	0 = No 1 = Yes

31 Zone 2 Switches	? 1 0 0 #
32 Zone 3 Switches	? 1 0 0 #
33 Zone 4 Switches	? 1 0 0 #
34 Zone 5 Switches	? 1 0 0 #
35 Zone 6 Switches	? 1 0 0 #
36 Zone 7 Switches	? 1 0 0 #
37 Zone 8 Switches	? 1 0 0 #

A0 Test Report Timer | 0 | # | Do Not Program

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C&K System 238
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238 Quick Reference Guide

Arming	Enter User Code + # key The ARM light should turn on
Disarming / Silencing Alarms	Enter User Code + # if silencing an alarm enter User Code + # key to turn off the siren The zone or zones that caused the alarm will remain on Press * 1 # key to reset alarm display
Instant Doors	Press * 7 # to arm system with all doors Instant. Disarming will return all Entry/Exit doors to normal Press * 7 4 # or * 4 7 # to turn off motions and arm doors instant
Zone Bypassing	Press * + 2 and enter Zone to bypass (1 to 8) + # then Arm system normally Bypassed Zones will light indicating removal from system When system is disarmed all bypassed zones will reset to normal (Some systems require pressing BYPASS Zone to be bypassed)
User Codes	Enter Master Code + * + 0 + #, POWER, SERVICE and ARM light will slowly flash Enter User number to change (from 2 to 8) then #, Enter new 4-digit code then # (The new code must start with the same 1 st digit as the old code To erase a code repeat steps above except enter 0 0 0 0 instead of a 4-digit code <i>Note:</i> The 1 st code is your Master Code
Door Chimes	Press * 5 then #
System Trouble	If the POWER light is OFF the AC transformer has failed If the POWER light is FLASHING the backup battery is low or needs replacing
Panic Buttons	Press P for Police Panic Press E for Medical Panic Press F for Fire Panic <i>Note:</i> some systems may have the Fire Panic disabled
Reset Smoke Detector	Press * 6 2 # to reset the Smoke Detector(s) back to normal.