



SOFTWARE VERSION 2.20

CONTROL PANEL RESET:

Installer lock must be unlocked. (Address **255**: enter any value other than 147)

Power down reset

- (1) Remove battery and AC to power down the unit.
- (2) Connect a jumper between "reset jumper" pins.
- (3) Connect AC and/or battery.

N.B.: If serial communication is required (i.e. the panel is used with another module 708, 708DV, SRI-18, etc.), PGM1 **must** be disabled: enter **[2ND] [2ND]** at addresses **196** and **198**.

- (4) Wait 3 seconds.
- (5) Remove jumper.

Factory default installer and master codes will be reinstated. Values entered at addresses **059-243**, as well as all user codes, will be erased (**[2ND] [2ND]**). Programmed values of all other addresses do not change.

Answering machine override 2nd call time: [2ND] or [1] answering machine override disabled. Number of rings before answer: Value entered determines number of rings before	
[2] = 16 sec. [3] = 24 sec. [4] = 32 sec. answer. [5] = 40 sec. [6] = 48 sec. [7] = 56 sec.	
[8] to $[F] = 60$ sec.HEXA DISPLAYValue ofEntering $[2ND] [2ND]$ - Panel will not answer.If key is lit = 8 = 4 = 2 = 1 2^{ND} digit =	
PANEL IDENTIFIER: 2ND 1 2 3 (8+2=)	10)
001:/ 002:/ Value of 1 ^{sr} digit =	3
PC PASSWORD: If key is lit = 8 = 4 = 2 = 1 (2 + 1 = VALUE = 10 = [0] = [A] 003:/ 004:/ No light = 10 = [0] = [A]	'3A"
INSTALLER CODE: (reset code 282828) Full access to programming, except access codes. (addresses 008-058) No access to arming/disarming. Can be us modify installer code. Use only numeric keys from [1] to [10]. (key [10] = 0) 005:/ 006:/ 007:/	ed to
INTELLIZONE DELAY: ADDRESS 059:/[2ND]	ng.
First digit: (factory default [3])	
[1] = 16 sec. [5] = 80 sec. [9] = 144 sec. [BYP] = 208 sec.	
[2] = 32 sec. [6] = 96 sec. [10] = 160 sec. [MEM] = 224 sec.	
[3] = 48 sec. [7] = 112 sec. [11] = 176 sec. [TRBL] = 240 sec. [4] = 64 sec. [8] = 128 sec. [12] = 192 sec. [2ND] = 256 sec.	

STREAMLINED SECTION PROGRAMMING

Can be used to program sections 00 to 34. (addresses 060 to 199)

Press [ENTER] + installer code + [2] [7]. ([2ND] + [ENTER] flashes alternately.)

Enter a 2-digit section number, followed by 8 digits to program that section (confirmation beep). Data will be saved automatically and the software advances to the next programming section. To exit programming mode press [CLEAR].

TELEPHONE AND ACCOUNT NUMBERS: (reset empty)

Press [TRBL] at the end of a phone number if less than 16 digits are programmed.

If only one central station phone number is used, program the same number for telephone number 1 and 2.

[10] = the number "0"[BYP] = switch from pulse to tone while dialing[11] = *[MEM] = pause 4 seconds[12] = #[TRBL] = end of number

COMPUTER TELEPHONE NUMBER: (View at addresses 060 to 067.) Streamline Streamline section section **00** ___ / __ / __ / __ / __ / __ / **01** <u>-</u> / <u></u> $\frac{-1}{5}$ $\frac{-1}{6}$ $\frac{-1}{7}$ $\frac{-1}{8}$

CENTRAL STATION TELEPHONE NUMBER 1: (View at addresses 068 to 075.) Streamline

Streamline section

section **03** <u>9</u> <u>10</u> <u>11</u> <u>12</u> <u>13</u> <u>14</u> <u>15</u> <u>16</u> 02 /__/__8 $\frac{1}{2} \frac{1}{2} \frac{1}{3} \frac{1}{4} \frac{1}{5}$

CENTRAL STATION TELEPHONE NUMBER 2: (View at addresses 076 to 083.)

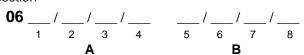
Streamline section

Streamline section

05 <u>-</u> / <u></u> 04 -1/2/3/4 $\frac{1}{5} \frac{1}{6} \frac{1}{7} \frac{1}{8}$

ACCOUNT "A" AND "B": (View at addresses 084 to 087.)

Streamline section



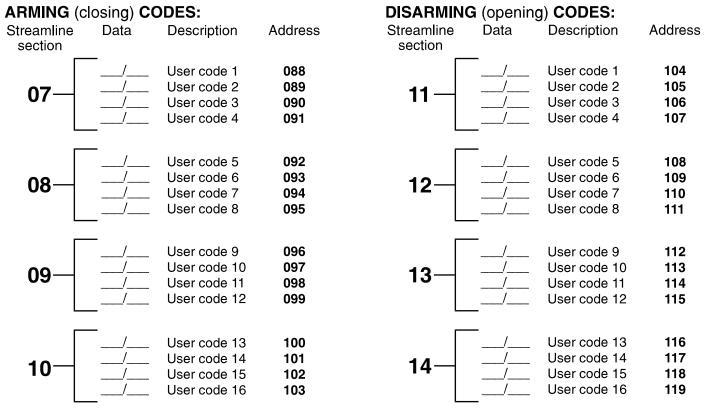
If only one account number is required, the same number must be entered for both account "A" and "B".

REPORTING CODES: (reset code = "empty" [2ND] [2ND])

All digits from [1] to [F] are valid. Enter [2ND] (skip) = digit will not be reported.

If CONTACT I.D. format (all codes) is selected, sections 07 to 32 are preprogrammed and do not have to be programmed.

(Select Contact I.D for both central station numbers at section 33 - address 194 - key [10].)



Press [TRBL] to end phone number if less than 16 digits are programmed.

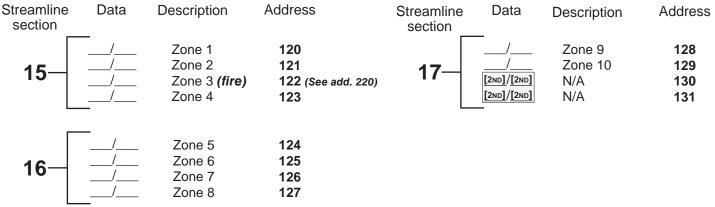
Press [TRBL] to end phone number if less than 16 digits are programmed.

Press [TRBL] to end phone number if less than 16 digits are programmed.

For 3 digit account numbers, enter "skip" ([2ND]) as first digit.

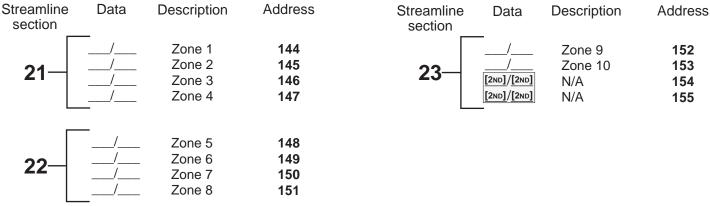
REPORTING CODES: (reset code "empty")

ALARM CODES ZONE 1 TO 10:



Sections 18 to 20 are not available. Streamline software advances automatically from section 17 to 21.

RESTORE CODES ZONE 1 TO 10:



Sections 24 to 26 are not available. Streamline software advances automatically from section 23 to 27.

TROUBLE CODES:

Streamline section	Data	Description	Address	Streamline section	Data	Description	Address
27—	/ /	Max. auxiliary current Bell disconnect/ max. bell current Battery disconnected/ low voltage Power failure	168 169 170 171	28	/ / /	Program change Timer loss Fire loop trouble Test report	172 173 174 175
TROUBLE Streamline	RESTOR Data	E CODES: Description	Address	Streamline	Data	Description	Address

Streamline section	Data	Description	Addres
29-	/ / /	Max. auxiliary current Bell disconnect Battery disconnected/ low voltage Power failure	176 177 178 179

For single digit reporting enter "skip" ([2ND]) as first digit.

Streamline section	Data	Des
	/	Tom



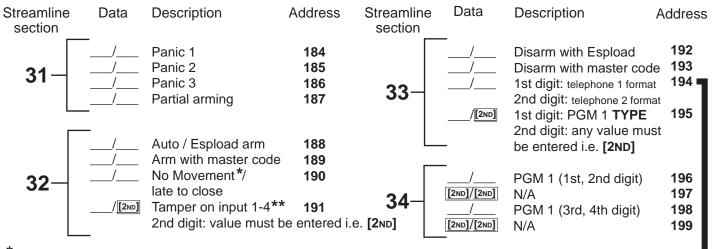
ion	Addres

Tamper/wiring fault	180
Timer programmed	181
Fire loop trouble	182
TLM trouble restore	183

REPORTING CODES: (continued)

(reset code "empty")

SPECIAL CODES - FORMATS - PGM:



*No movement for specified time/panel not armed at specified hour - see addresses 245, 246, 253.

**1st digit of zone tamper is reported with 2nd digit on input 1-4 alarm codes - see addresses 120 - 123.

COMMUNICATOR FORMATS

KEY

- [2ND] = ADEMCO slow (1400Hz, 1900Hz, 10bps)
 - [1] = (1400Hz, 1800Hz, 10bps)
 - = SILENT KNIGHT fast (1400Hz, 1900Hz, 20bps) [2]
 - [3] = SESCOA (2300Hz, 1800Hz, 20bps)
 - [4] = **RADIONICS** (40bps with 1400Hz handshake)
 - [5] = RADIONICS (40bps with 2300Hz handshake)
- [6] = **RADIONICS** with PARITY (1400Hz, 40bps) [7]
 - = RADIONICS with PARITY (2300Hz, 40bps)
- [8] = ADEMCO express
- [9] = ADEMCO contact ID (selected codes)
- [10] = ADEMCO contact ID (all codes)
- [TRBL] = DTMF no handshake (personal dialing)

FEATURE SELECT PROGRAMMING

Addresses 200 to 2 2. "ON"/"OFF" status of the key lights determines feature selection.

In programming mode, enter 3 digit memory address (200 to 242).

To save entries, press [ENTER].

To exit programming mode press [CLEAR].

Reset = "OFF" for addresses **200** to **2 2**

CODE PRIORITY																
	KEY SELECT: [1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[BYP]	[MEM]	[TRBL]	[2ND]
200:	1 SYSTEM "A" / STAY	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
202:	1 SYSTEM "B" / AWAY	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
204 : co	1 des with bypass access 🗌	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

FEATURE SELECT PROGRAMMING (continued)

(On/off status of key lights determines which feature is selected.)

	KEY	
206:		TELEPHONE LINE MONITOR Address 206, Key [2ND] [1]
Telephone line monitor		
		KEY
PS1/Keyswitch = regular arm / (A + B)	[2] stay arm / System A	
PS1/keyswitch arming	[3] enabled	OFF OFF — TLM disabled OFF ON — TLM generates trouble only
Call back	[4] enabled	ON OFF — generates an alarm if armed
Auto arm on time	[5] enabled	– ON ON — silent alarm becomes audible
Auto arm on no movement	[6] enabled	▶ (address 206 , key [9] has to be OFF)
Pulse dialing	[7] Tone dialing (DTMF)	
Partitioning	[8] enabled	
Silent zone/panic generates a silent alarm	[9] generates only a repo	ort
(1:2) PULSE EUROPE	[10] (1:1.5) PULSE USA	
Reporting options		REPORTING OPTIONS
Reporting options		Address 206, Key [11] [12] KEY TYPE DIALING SEQUENCE (tel. No.)
N/A	[BYP] N/A	KEY TYPE DIALING SEQUENCE (tel. No.) [11] [12]
Bell squawk on arm/disarm	[MEM] enabled	OFF OFF - Reporting disabled
Auto zone shut down	[TRBL] enabled	OFFON- Regular reporting-1,2,1,2,1,2,1,2,1,2, fail to comm.ONOFF - Split reporting: Alarms* -1,1,1,1,1,1,1,1,1,1 fail to comm.
		ON OFF - Split reporting: Alarms [*] -1,1,1,1,1,1,1,1, fail to comm. System report -2,2,2,2,2,2,2,2, fail to comm.
	KEY	ON ON – Double reporting –1,1,1,1,1,1,1,1, fail to comm.,
208:		2,2,2,2,2,2,2, fail to comm.
Automatic event buffer transmission	[2ND] enabled	*On alarm, all reports are made to Tel. #1 until system is disarmed.
Panic 1 (keys [1] & [3], PS1)	[1] enabled	(Once disarmed system reports are made to Tel. #2)
Panic 2 (keys [4] & [6])	[2] enabled	
Panic 3 (keys [7] & [9])	[3] [b enabled	
Panic 1 silent (PS1)	[4] audible	
Panic 2 silent	[5] audible	TAMPER / WIRE FAULT DEFINITIONS
Panic 3 silent	[6] fire	Address 208, Key [10] [11]
Key [10] regular arm / (A + B)	[7] enabled	SYSTEM ARMED [10] [11] SYSTEM DISARMED*
Key [11] stay or system A arm	[8] enabled	Alarm as per individual OFF OFF Tamper supervision
6 digit access codes	[9] 4 digit	zone definitions disabled
-	[10]	OFF ON No alarm, trouble code
Tamper Recognition		Always generate trouble reported and alarm, audible or ON OFF Silent alarm Trouble and
Beep on exit delay	[12] enabled	silent as per individual
Report zone restore on bell cut-off	[BYP] on zone closure	zone definitions
Zones with EOL $(1K\Omega)$		alarm codes reported **
Always report disarm	[TRBL] only after alarm	* Exception: for 24 hour zones the tamper definition will follow the
Always report disarm		audible/silent alarm definition of the 24 hour zone.
	KEY	** Silent zones will generate a silent alarm.
210:		
Exclude power failure from trouble display	[2ND] enabled	
		defined "fire" zone and ATZ is enabled)
		denned line zone and ATZ is enabled)
Auto arm = regular arm / (A + B)	[2] stay arm / System A	
N/A	[3] N/A	
N/A	[4] N/A	
N/A	[5] N/A	
No tamper bypass	[6] tamper follows zone by	ypass definition
N/A	[7] N/A	
Zone doubling (ATZ)		
- · · ·		
Audible trouble warning	[9] enabled	
20 sec. delay before alarm transmission	[10] enabled	PS1 software version 1.1 Keypad software versions prior to 4.0 Keypad supervision must be OFF
Keypad 1 zone supervision	[11] enabled	Keypad software versions prior to 4.0
Keypad 2 zone supervision	[12] enabled	PS1 software versions 2.0 onward
		PS1 software versions 2.0 onward Keypad supervision must be ON
		(See Wiring Diagram)

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ZONE DEFINITION: (reset = " ")																			
KEY SELECT: [1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
212 1	2	3	4	5	6	7	8	9	10	216 1	2	3	4	5	6	7	8	9	10
Intellizone = ON										Silent = ON									
220 1	2	3,4	4	5	6	7	8	9	10	224 1	2	3	4	5	6	7	8	9	10
24 Hr. /Fire = ON										Instant = ON									
When zone 3 is def	ined "	24 Ho	ur" it b	ecom	es a fi	ire zor	ne												
228 1	2	3	4	5	6	7	8	9	10	232 1	2	3	4	5	6	7	8	9	10
Follow = ON										Delay 2 = ON									
Bypass 236 1	2	3	4	5	6	7	8	9	10										
enabled = ON																			
240 1	2	3	4	5	6	7	8	9	10	242 1	2	3	4	5	6	7	8	9	10
Stay / system A										System B									

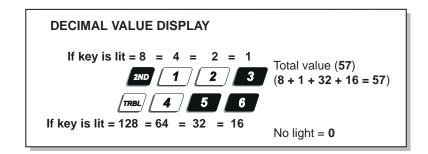
Zones that are not selected at addresses 220 to 232 become "Delay 1" zones.

DECIMAL PROGRAMMING

Values entered at addresses "244 - 255" contain 3 digits between "000" and "255". ([10] = 0)

244: ___/___ (days) Auto test report every ? days (between "001" and "255") (000=disabled)

- 245: ___/___ (hours) Auto test report / Auto arm time (between "000" and "023")
- 246: ___/___ (minutes) Auto test report / Auto arm time (between "000" and "059")
- 247: ___/__ (seconds) Exit delay (factory default 60 seconds)
- 248: ___/__/ (seconds) Entry delay 1 (factory default 45 seconds)
- 249: ___/__ (seconds) Entry delay 2 (factory default 45 seconds)
- 250: ___/__/ (minutes) Bell cut-off time (factory default 5 minutes)
- 251: ___/___ (x 15 mSec.) Zone speed (factory default 600 mSec.)
- 252: ___/___ (minutes) Power failure report delay (factory default 30 minutes) (000=disabled)
- 253: ___/___ (x 15 minutes) Time for "No Movement" Report (000=disabled) (factory default 8 hours)
- **254:** __/__/ PGM timer setting: 001 to 127 for seconds and 129 to 255 for minutes (*factory default 5 seconds*). Add 128 to desired value in minutes (i.e. for 5 minutes: enter 5 + 128 = 133)
- 255: ___/__/ Installer lock (147 = locked, 000 = unlocked) (factory default unlocked)



KEY ACCESS PROGRAMMING

Programs features quickly, without entering addresses or section numbers.

To activate "key access programming", press **[ENTER]**, followed by installer, master or user code 1. (Code required depends on the feature you wish to access - see below.) Then press the key corresponding to the desired feature. Press **[ENTER]** or **[CLEAR]** to exit.

key		
[9]		<i>(accessible to master and user 1 only)</i> 23) for hours + 2 digits (00 to 59) for minutes.
[мем]	"Panel time" and clear "trouble 8" Key [мем] flashes. Enter two digits (00	<i>(all 3 codes)</i>) to 23) for hours + 2 digits (00 to 59) for minutes.
[BYP]	Test report Reporting is enabled at address 206 k telephone and account numbers must	<i>(all 3 codes)</i> reys [11] , [12] . A value must be entered at address 175 , and both be programmed.
[TRBL]	Call Espload via telephone Panel identifier and PC password (add must be programmed.	<i>(all 3 codes)</i> dresses 001-004) and computer telephone number (addresses 060-067)
[AWAY]		<i>(all 3 codes)</i> ne ADP-1 adapter. In Espload, "blind dial" must be activated in "modem per programmed (works also without ADP-1).
[STAY]	Cancel communication attempts Until next reportable event	(master code and user 1 can only stop calls from/to Espload) (installer code - all communications)
[2], [6]		<i>(installer code only)</i> beep (intermittent) indicates test is "on", a "rejection" beep (long) awk during walk testing to indicate opened, functional zones.
[2].[9]	"Auto arming" time program	(accessible to installer code only)

[2], [9] "Auto arming" time program (Same as key [9] above)

(accessible to installer code only)

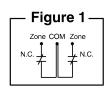
When communicating with Espload, it is impossible to enter programming mode.

CONNECTION DIAGRAMS

The system hardware will recognize the following zone conditions:

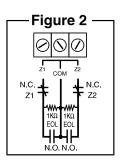
ZONE connection without EOL resistor (N.C. contacts) address 208, key [MEM] = "on" key [10] = "off" (reset) key [11] = "off" (reset)

N.C. contacts see Figure 1 Keypad zones always use (1K OHM) EOL



ZONE connection with EOL resistor (N.C. and N.O. contacts) address 208, key [MEM] = "off" (reset) key [10] = "off" (reset) key [11] = "off" (reset)

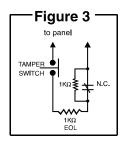
N.C. and/or N.O. contacts, see Figure 2



ESPRIT 728 CONNECTION DIAGRAMS

The system hardware will recognize the following conditions:

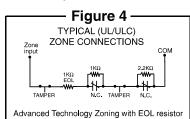
ZONE connection with EOL resistor and tamper recognition (N.C. contacts) address 208, key [MEM] = "off" key [10] = See "Tamper/wire Fault Definitions key [11] = and Options" Tamper fault transmits separate code, see Figure 3

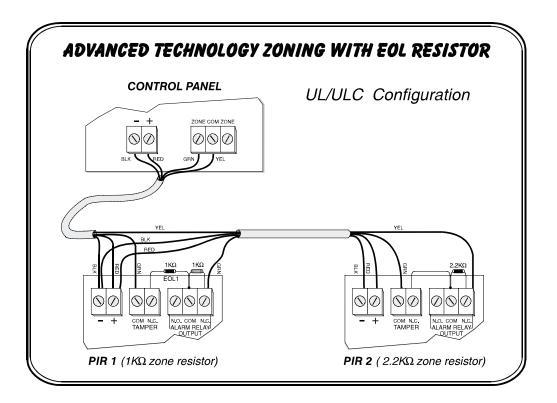


ADVANCED TECHNOLOGY ZONE connection, 2 zones with zone resistors, 1 EOL resistor (1Конм) tamper (open) recognition, wire fault (short circuit) recognition (N.C. contacts)

address 208, key [MEM] = "off" key [10] = See "Tamper/wire Fault Definitions key [11] = and Options" address 210, key [8] = "on"

Each zone transmits a separate alarm code. Tamper/wire fault transmits a separate alarm code, indicated by fast flashing zone light on keypad and is annunciated in **Espload**, see figure 4.



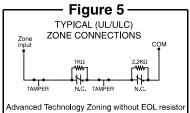


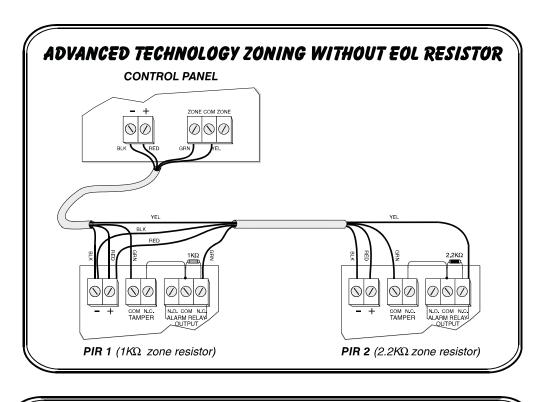
ESPRIT 728 CONNECTION DIAGRAMS

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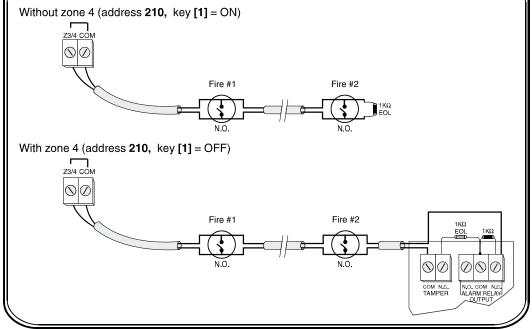
ADVANCED TECHNOLOGY ZONE connection, 2 zones resistor (without EOL), tamper recognition

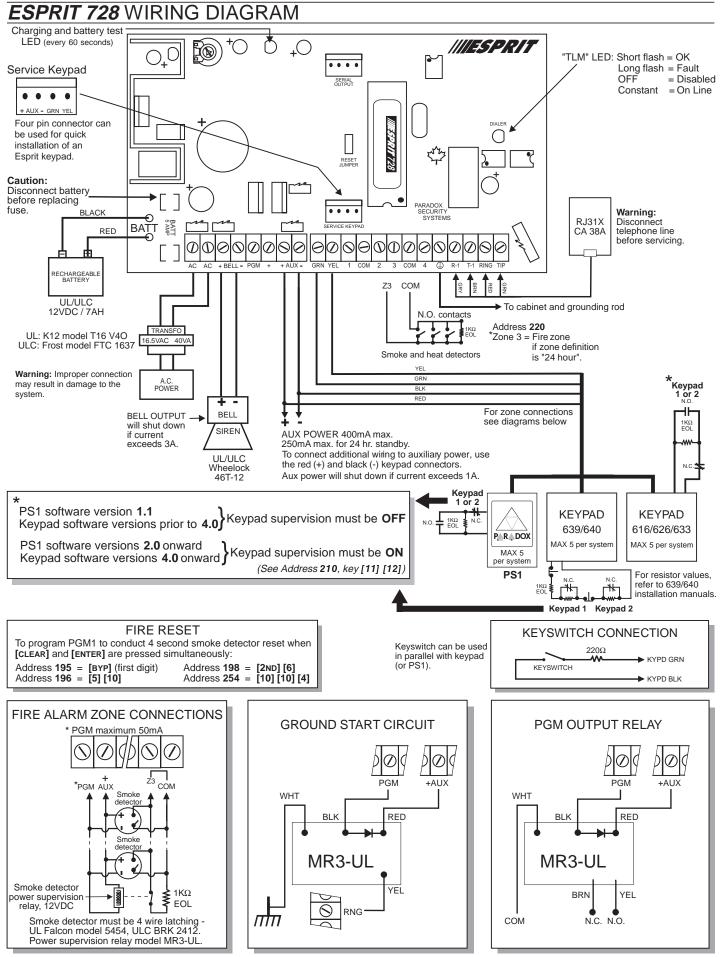
(N.C. contacts)
address 208, key [MEM] = "on"
 key [10] = See "Tamper/wire Fault Definitions
 key [11] = and Options"
address 210, key [8] = "on"
Tamper fault transmits separate code
Each zone transmits separate alarm code, see Figure 5











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