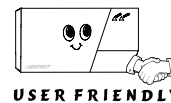


ESPRESSO 738 PROGRAMMING GUIDE



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.
- (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.

PANEL ANSWER OPTIONS:

ADDRESS 000: ____/____ (factory default [2ND], [8])

Answering machine override 2nd call time:

[2ND] or [1] answering machine override disabled.
 [2] = 16 sec. [3] = 24 sec. [4] = 32 sec.
 [5] = 40 sec. [6] = 48 sec. [7] = 56 sec.
 [8] to [F] = 60 sec.

Entering [2ND] [2ND] - Panel will not answer.

Number of rings before answer:

Value entered determines number of rings before answer.


PANEL IDENTIFIER:

001: ____/____ 002: ____/____

PC PASSWORD:

003: ____/____ 004: ____/____

HEXA DISPLAY

If key is lit = 8 = 4 = 2 = 1

 If key is lit = 8 = 4 = 2 = 1
 No display = SKIP (empty)
 10 = [0] = [A]

Value of 2ND digit = 10
 (8 + 2 = 10)
 Value of 1ST digit = 3
 (2 + 1 = 3)
 VALUE = "3A"
 No light = 0

INSTALLER CODE: (reset code 383838)

Full access to programming, except access codes. (addresses **008-058**) No access to arming/disarming. Can be used to modify installer code. Use only numeric keys from [1] to [10]. (key [10] = 0)

005: ____/____ 006: ____/____ 007: ____/____

INTELLIZONE DELAY:

ADDRESS 059: ____/[2ND]

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.

Dialer circuit is patent pending.

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

REPORTING CODES: *(reset code "empty")*

ALARM CODES ZONE 1 TO 14:

Streamline section	Data	Description	Address	Streamline section	Data	Description	Address
15	___/___	Zone 1	120	17	___/___	Zone 9	128
	___/___	Zone 2	121		___/___	Zone 10	129
	___/___	Zone 3 (fire)	122 (See add. 220)		___/___	Zone 11	130
	___/___	Zone 4	123		___/___	Zone 12	131
16	___/___	Zone 5	124	18	___/___	Zone 13	132
	___/___	Zone 6	125		___/___	Zone 14	133
	___/___	Zone 7	126		[2ND]/[2ND]	N/A	134
	___/___	Zone 8	127		[2ND]/[2ND]	N/A	135

Sections **19** to **20** are not available. Streamline software advances automatically from section **18** to **21**.

RESTORE CODES ZONE 1 TO 14:

Streamline section	Data	Description	Address	Streamline section	Data	Description	Address
21	___/___	Zone 1	144	23	___/___	Zone 9	152
	___/___	Zone 2	145		___/___	Zone 10	153
	___/___	Zone 3	146		___/___	Zone 11	154
	___/___	Zone 4	147		___/___	Zone 12	155
22	___/___	Zone 5	148	24	___/___	Zone 13	156
	___/___	Zone 6	149		___/___	Zone 14	157
	___/___	Zone 7	150		[2ND]/[2ND]	N/A	158
	___/___	Zone 8	151		[2ND]/[2ND]	N/A	159

Sections **25** to **26** are not available. Streamline software advances automatically from section **24** to **27**.

TROUBLE CODES:

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

TROUBLE RESTORE CODES:

Streamline section	Data	Description	Address	Streamline section	Data	Description	Address
29	___/___	Max. auxiliary current	176	30	___/___	Tamper/wiring fault	180
	___/___	Bell disconnect	177		___/___	Timer programmed	181
	___/___	Battery disconnected/ low voltage	178		___/___	Fire loop trouble	182
	___/___	Power failure	179		___/___	TLM trouble restore	183

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

REPORTING CODES: (continued)

(reset code "empty")

SPECIAL CODES - FORMATS - PGM:

Streamline section	Data	Description	Address	Streamline section	Data	Description	Address
31	___/___	Panic 1	184	33	___/___	Disarm with Esplod	192
	___/___	Panic 2	185		___/___	Disarm with master code	193
	___/___	Panic 3	186		___/___	1st digit: telephone 1 format	194
	___/___	Partial arming	187		___/___	2nd digit: telephone 2 format	195
32	___/___	Auto / Esplod arm	188	34	___/___	1st digit: PGM 1 TYPE	195
	___/___	Arm with master code	189		___/___	2nd digit: PGM 2 TYPE	
	___/___	No Movement*/ late to close	190		___/___	PGM 1 (1st, 2nd digit)	196
	___/[2ND]	Tamper on input 1-6** 2nd digit: value must be entered i.e. [2ND]	191		___/___	PGM 2 (1st, 2nd digit)	197
				___/___	PGM 1 (3rd, 4th digit)	198	
				___/___	PGM 2 (3rd, 4th digit)	199	

* 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 1-6 alarm codes - see addresses 120 - 125.

COMMUNICATOR FORMATS

KEY

[2ND] = ADEMCO slow (1400Hz, 1900Hz, 10bps)

[1] = (1400Hz, 1800Hz, 10bps)

[2] = SILENT KNIGHT fast (1400Hz, 1900Hz, 20bps)

[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 242. "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 242

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

FEATURE SELECT PROGRAMMING (continued)

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

206:

- Telephone line monitor
- PS1/Keyswitch = regular arm / (A + B)
- PS1/keys switch arming
- Call back
- Auto arm on time
- Auto arm on no movement
- Pulse dialing
- Partitioning
- Silent zone/panic generates a silent alarm (1:2) PULSE EUROPE

- | | | | |
|--------------------------|-------|--------------------------|-------------------------|
| | KEY | | |
| | OFF | / | ON |
| <input type="checkbox"/> | [2ND] | <input type="checkbox"/> | |
| <input type="checkbox"/> | [1] | <input type="checkbox"/> | |
| <input type="checkbox"/> | [2] | <input type="checkbox"/> | stay arm / System A |
| <input type="checkbox"/> | [3] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [4] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [5] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [6] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [7] | <input type="checkbox"/> | Tone dialing (DTMF) |
| <input type="checkbox"/> | [8] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [9] | <input type="checkbox"/> | generates only a report |
| <input type="checkbox"/> | [10] | <input type="checkbox"/> | (1:1.5) PULSE USA |

TELEPHONE LINE MONITOR

Address 206, Key [2ND] [1]

KEY		
[2ND]	[1]	
OFF	OFF	TLM disabled
OFF	ON	TLM generates trouble only
ON	OFF	generates an alarm if armed
ON	ON	silent alarm becomes audible

↳ (address 206, key [9] has to be OFF)

REPORTING OPTIONS

- N/A
- Bell squawk on arm/disarm
- Auto zone shut down

- | | | | |
|--------------------------|--------|--------------------------|---------|
| <input type="checkbox"/> | [11] | <input type="checkbox"/> | |
| <input type="checkbox"/> | [12] | <input type="checkbox"/> | |
| <input type="checkbox"/> | [BYP] | <input type="checkbox"/> | N/A |
| <input type="checkbox"/> | [MEM] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [TRBL] | <input type="checkbox"/> | enabled |

REPORTING OPTIONS

Address 206, Key [11] [12]

KEY		TYPE	DIALING SEQUENCE (tel. No.)
[11]	[12]		
OFF	OFF	Reporting disabled	
OFF	ON	Regular reporting	*-1,2,1,2,1,2,1,2, 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, fail to comm.
ON	ON	Double reporting	-1,1,1,1,1,1,1,1, fail to comm., 2,2,2,2,2,2,2,2, fail to comm.

*On alarm, all reports are made to Tel. #1 until system is disarmed. (Once disarmed system reports are made to Tel. #2)

208:

- Automatic event buffer transmission
- Panic 1 (keys [1] & [3], PS1)
- Panic 2 (keys [4] & [6])
- Panic 3 (keys [7] & [9])
- Panic 1 silent (PS1)
- Panic 2 silent
- Panic 3 silent
- Key [10] regular arm / (A + B)
- Key [11] stay or system A arm
- 6 digit access codes
- Tamper Recognition
- Beep on exit delay
- Report zone restore on bell cut-off
- Zones with EOL (1KΩ)
- Always report disarm

- | | | | |
|--------------------------|--------|--------------------------|------------------|
| | KEY | | |
| | OFF | / | ON |
| <input type="checkbox"/> | [2ND] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [1] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [2] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [3] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [4] | <input type="checkbox"/> | audible |
| <input type="checkbox"/> | [5] | <input type="checkbox"/> | audible |
| <input type="checkbox"/> | [6] | <input type="checkbox"/> | fire |
| <input type="checkbox"/> | [7] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [8] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [9] | <input type="checkbox"/> | 4 digit |
| <input type="checkbox"/> | [10] | <input type="checkbox"/> | |
| <input type="checkbox"/> | [11] | <input type="checkbox"/> | |
| <input type="checkbox"/> | [12] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [BYP] | <input type="checkbox"/> | on zone closure |
| <input type="checkbox"/> | [MEM] | <input type="checkbox"/> | no EOL |
| <input type="checkbox"/> | [TRBL] | <input type="checkbox"/> | only after alarm |

TAMPER / WIRE FAULT DEFINITIONS

Address 208, Key [10] [11]

SYSTEM ARMED	KEY		SYSTEM DISARMED*
	[10]	[11]	
Alarm as per individual zone definitions	OFF	OFF	Tamper supervision disabled
Always generate trouble and alarm, audible or silent as per individual zone definitions	OFF	ON	No alarm, trouble code reported
	ON	OFF	Silent alarm. Trouble and alarm codes reported
	ON	ON	Audible alarm. Trouble and alarm codes reported**

* Exception: for 24 hour zones the tamper definition will follow the audible/silent alarm definition of the 24 hour zone.
** Silent zones will generate a silent alarm.

210:

- Exclude power failure from trouble display
- Zone 9
- Auto arm = regular arm / (A + B)
- N/A
- N/A
- N/A
- No tamper bypass
- N/A
- Zone doubling (ATZ)
- Audible trouble warning
- 20 sec. delay before alarm transmission
- Keypad 1 zone supervision
- Keypad 2 zone supervision

- | | | | |
|--------------------------|-------|--------------------------|--|
| | KEY | | |
| | OFF | / | ON |
| <input type="checkbox"/> | [2ND] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [1] | <input type="checkbox"/> | disabled (in case of fire zone 3 only) |
| <input type="checkbox"/> | [2] | <input type="checkbox"/> | stay arm / System A |
| <input type="checkbox"/> | [3] | <input type="checkbox"/> | N/A |
| <input type="checkbox"/> | [4] | <input type="checkbox"/> | N/A |
| <input type="checkbox"/> | [5] | <input type="checkbox"/> | N/A |
| <input type="checkbox"/> | [6] | <input type="checkbox"/> | tamper follows zone bypass definition |
| <input type="checkbox"/> | [7] | <input type="checkbox"/> | N/A |
| <input type="checkbox"/> | [8] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [9] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [10] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [11] | <input type="checkbox"/> | enabled |
| <input type="checkbox"/> | [12] | <input type="checkbox"/> | enabled |

PS1 software version 1.1
Keypad software versions prior to 4.0 } Keypad supervision must be **OFF**

PS1 software versions 2.0 onward
Keypad software versions 4.0 onward } Keypad supervision must be **ON**

(See Wiring Diagram)

ZONE DEFINITION: (default = "OFF")																									
KEY SELECT: [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12]												[1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12]													
212	1	2	3	4	5	6	7	8	9	10	11	12	214	13	14	N/A									
Intellizone = ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
216	1	2	3	4	5	6	7	8	9	10	11	12	218	13	14	N/A									
Silent = ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
220	1	2	3	4	5	6	7	8	9	10	11	12	222	13	14	N/A									
24 Hr./Fire = ON	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
🔥 When zone 3 is defined "24 Hour" it becomes a fire zone																									
224	1	2	3	4	5	6	7	8	9	10	11	12	226	13	14	N/A									
Instant = ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
228	1	2	3	4	5	6	7	8	9	10	11	12	230	13	14	N/A									
Follow = ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
232	1	2	3	4	5	6	7	8	9	10	11	12	234	13	14	N/A									
Delay 2 = ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
236	1	2	3	4	5	6	7	8	9	10	11	12	238	13	14	N/A									
Bypass enabled = ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
240	1	2	3	4	5	6	7	8	9	10	11	12	242	1	2	3	4	5	6	7	8	9	10	11	12
Stay / system A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	System B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

NOTE: Zones not selected at addresses **220** to **234** are "Delay 1" zones.
Zones 13 and 14 follow the system assignment for zones 1 and 2 respectively.

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: ___/___/___

255: ___/___/___ PGM timer setting: 001 to 127 for seconds and 129 to 255 for minutes (factory default **5** seconds).
 Installed lock (147 = locked, 000 = unlocked) (factory default **unlocked**)
 Add 128 to desired value in minutes (i.e. for 5 minutes, enter 5 + 128 = 133)

DECIMAL VALUE DISPLAY

If key is lit = 8 = 4 = 2 = 1

2ND
1
2
3

Total value (57)
(8 + 1 + 32 + 16 = 57)

TRBL
4
5
6

If key is lit = 128 = 64 = 32 = 16 No light = 0

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]** "Auto arming" time program (accessible to master and user 1 only)
Key **[9]** flashes. Enter two digits (00 to 23) for hours + 2 digits (00 to 59) for minutes.
- [MEM]** "Panel time" and clear "trouble 8" (all 3 codes)
Key **[MEM]** flashes. Enter two digits (00 to 23) for hours + 2 digits (00 to 59) for minutes.
- [BYP]** Test report (all 3 codes)
Reporting is enabled at address **206** keys **[11]**, **[12]**. A value must be entered at address **175**, and both telephone and account numbers must be programmed.
- [TRBL]** Call Espload via telephone (all 3 codes)
Panel identifier and PC password (addresses **001-004**) and computer telephone number (addresses **060-067**) must be programmed.
- [AWAY]** Answer Espload (all 3 codes)
This feature is available when using the ADP-1 adapter. In Espload, "blind dial" must be activated in "modem setup" section, and panel phone number programmed (works also without ADP-1).
- [STAY]** Cancel communication attempts (master code and user 1 can only stop calls from/to Espload)
Until next reportable event (installer code - all communications)
- [2], [6]** Installer test mode (installer code only)
In installer test mode, a confirmation beep (intermittent) indicates test is "on", a "rejection" beep (long) indicates test is "off". The bell will squawk during walk testing to indicate opened, functional zones.
- [2], [9]** "Auto arming" time program (accessible to installer code only)
(Same as key **[9]** above)

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

CONNECTION DIAGRAMS

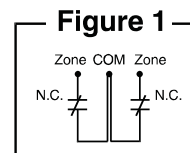
The system hardware will recognize the following zone conditions:

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

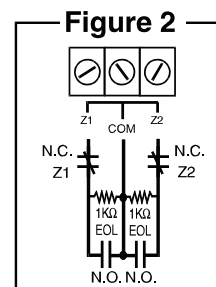
Keypad zones always use (1K OHM) EOL



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



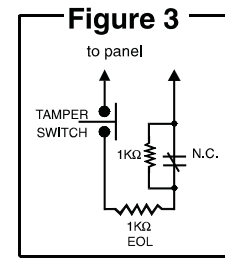
ESPRIT 738 CONNECTION DIAGRAMS

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 and Options"
 key [11] =

Tamper fault transmits separate code, see Figure 3

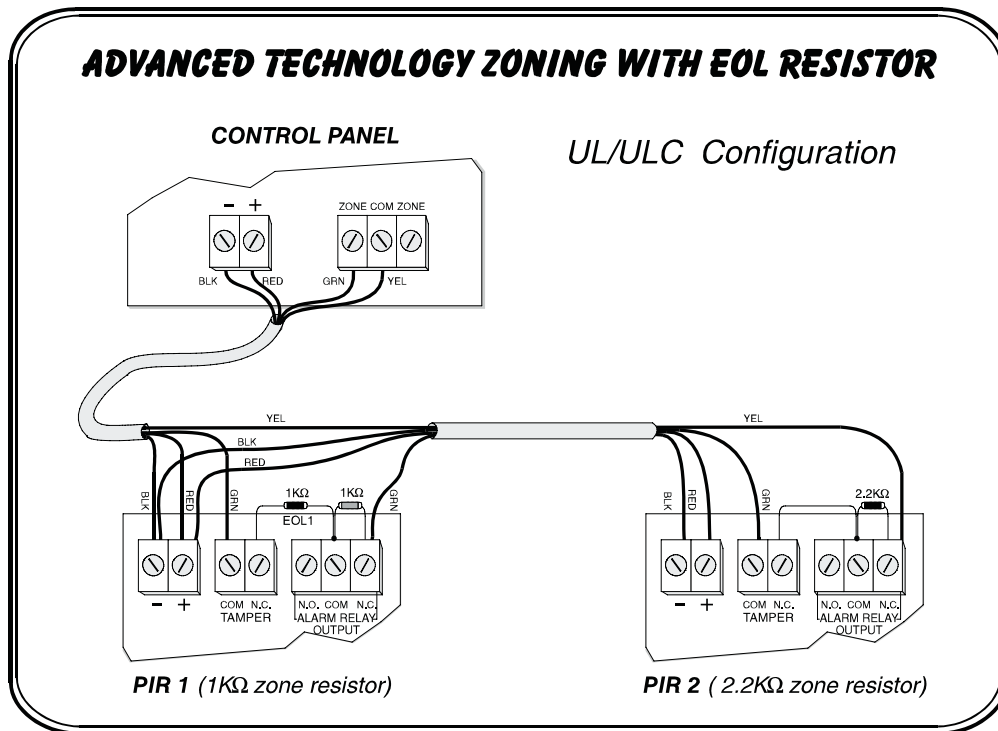
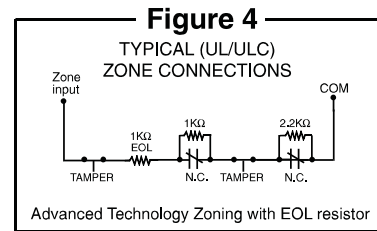


ADVANCED TECHNOLOGY ZONE connection, 2 zones with zone resistors, 1 EOL resistor (1Kohm) tamper (open) recognition, wire fault (short circuit) recognition (N.C. contacts)

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

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 **Esplod**, see figure 4.



ESPRIT 738 CONNECTION DIAGRAMS

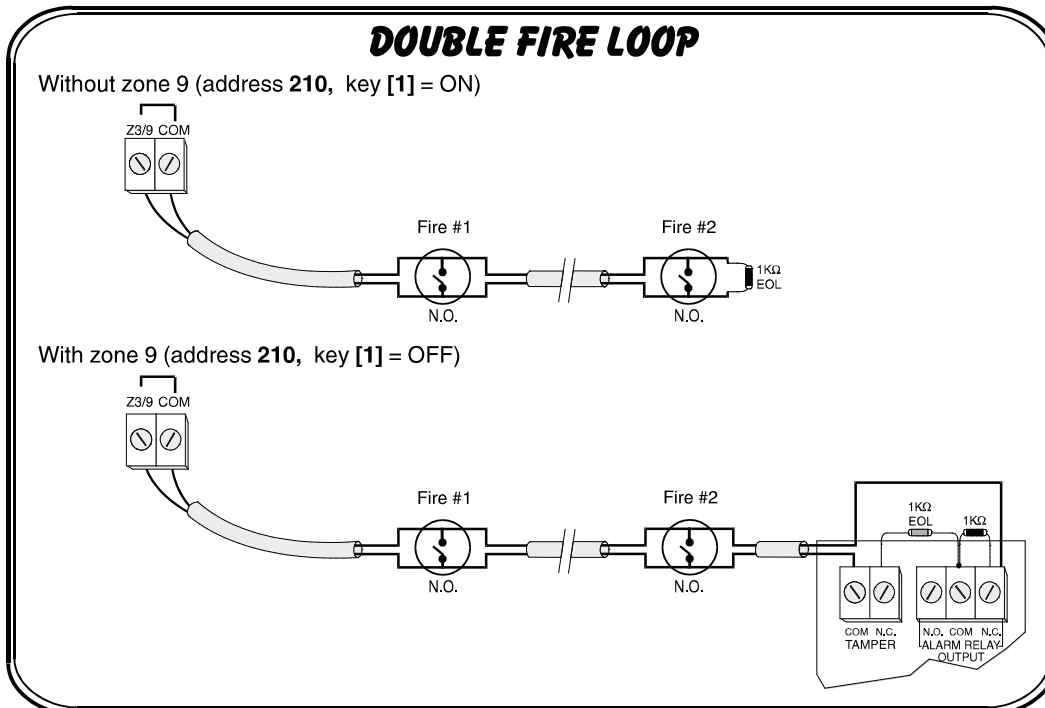
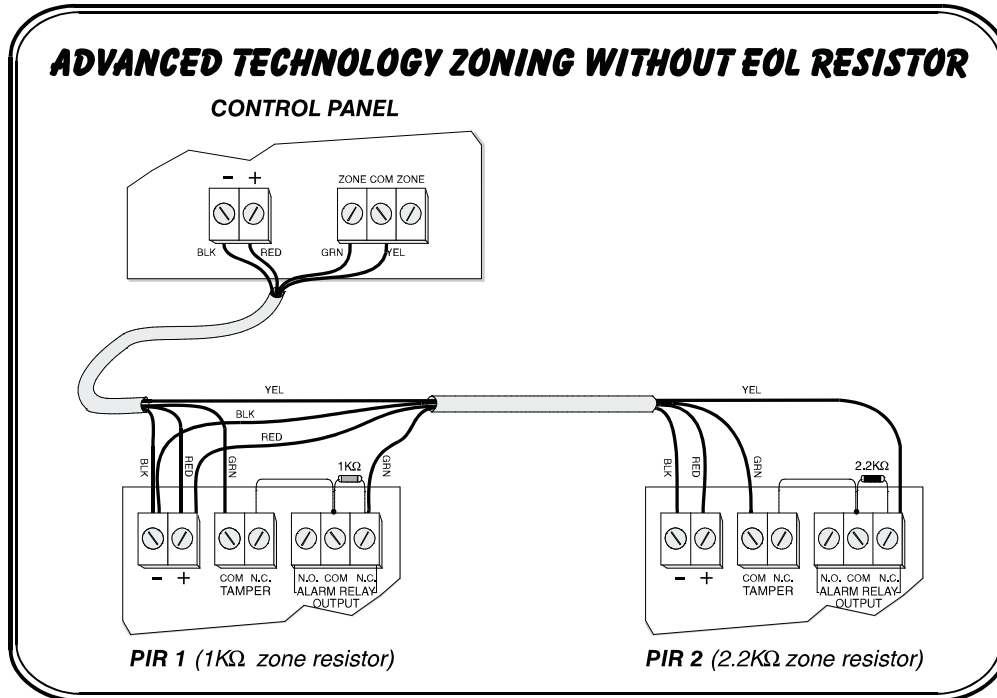
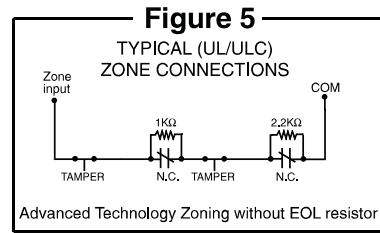
ADVANCED TECHNOLOGY ZONE connection, 2 zones resistor (without EOL), tamper recognition (N.C. contacts)

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

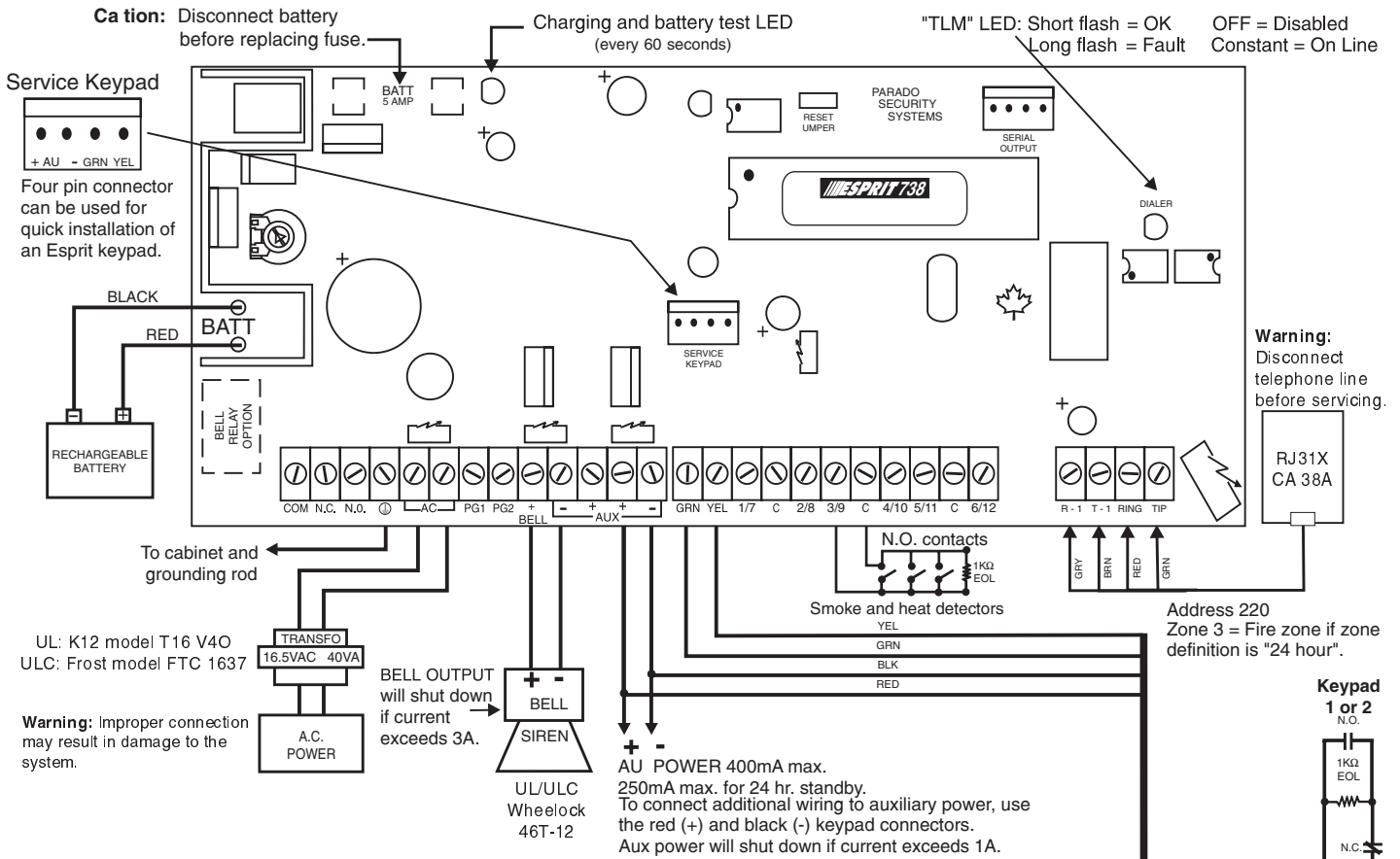
address 210, key [8] = "on"

Tamper fault transmits separate code

Each zone transmits separate alarm code, see Figure 5

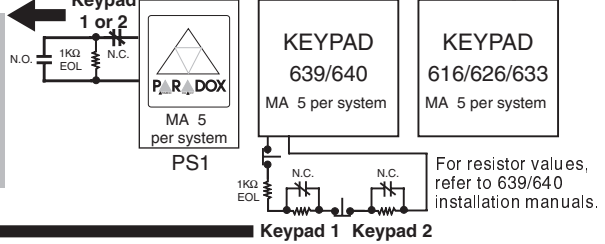


ESPRIT 738 WIRING DIAGRAM



PS1 software version 1.1
Keypad software versions prior to 4.0 } Keypad supervision must be OFF

PS1 software versions 2.0 onward
Keypad software versions 4.0 onward } Keypad supervision must be ON
(See Address 210 key 11 12)



FIRE RESET

To program PGM1 to conduct 4 second smoke detector reset when [CLEAR] and [ENTER] are pressed simultaneously:

Address 195 = [BYP] (first digit) Address 198 = [2Nd] [6]
Address 196 = [5] [10] Address 254 = [10] [10] [4]

