ESPRIT738 PROGRAMMING GUIDE

USER FRIENDLY

SOFTWARE VERSIONS 0.96/0.97

BENCH TEST

Refer to Connection (Wiring) Diagram.

Note: **[ ]** indicates keypad key i.e. **[2]**, **[ENTER]**, **[CLEAR]**, **[MEM].** Shaded addresses are not applicable. Any values must be entered i.e. [2ND].

1. To set zones in non-alarm state (keypad zone lights off), install **green** (1K OHM) resistors across zone terminals.
2. Connect keypad. Install **green** (1K OHM) resistor across keypad zone.
3. Connect sounder or install **green** (1K OHM) resistor across "BELL" terminal.
4. Connect AC, connect battery.
5. **[TRBL]** key illuminates, due to timer loss. Push **[TRBL]** to view trouble conditions, (see Keypad Trouble Display).
6. All keypad lights should be off and keypad should respond to Master code arming and disarming.
7. Master Code: *default 474747.*
8. Keypad Programming *(default installer code 747474).*

HEXA PROGRAMMING

(Used to program "Access to Upload/Download" and "Installer Code") All digits from 0 to F are valid. (See Interpreting Hexa Values)

*Programming values are programmed into memory locations from address **000** to **007**.*

*1) Press **[ENTER]** + installer code (default 747474)*
*2) Key **[ENTER]** will flash (programming mode)*
3) Enter 3 digit memory address
4) Enter 2 digit data (See Hexa Display to read value*)*
*5) To erase, press **[CLEAR]**. To save press **[ENTER]***
6) Go to step 3 for next address

*To exit programming mode press **[CLEAR]***

ACCESS TO UPLOAD/DOWNLOAD:

000: [2ND]/__ Number of rings before answer *(default **8** rings)*
Enter "**[2ND][2ND]**" panel will not answer**.**

PANEL IDENTIFIER *(default code "empty")*

001: __/__ **002:** __/__

PC PASSWORD *(default code "empty")*

003: __/__ **004:** __/__

INSTALLER CODE: *(default code **747474**)*

Full access to programming,(all addresses except **008-058**)
No access to arming/disarming and access code programming (can be used to modify installer code)

Important: Use only numeric keys from **[1]** to **[10]** (key **[10]** = 0) to enter installer code.

005: __/__ **006:** __/__ **007:** __/__

KEYPAD TROUBLE DISPLAY

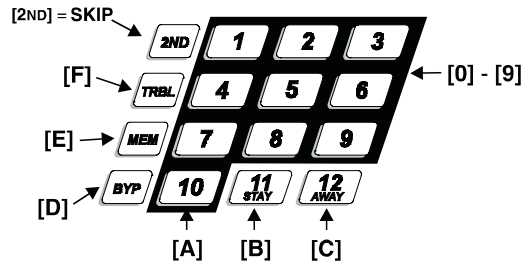
Key **"ON"** =

[1]	No battery/low voltage	**[7]**	Communicator report failure
[3]	AC failure	**[8]**	Timer loss*
[4]	Bell disconnect	**[9]**	Tamper or zone wiring failure
[5]	Maximum bell current	**[10]**	Telephone line failure
[6]	Max auxiliary current	**[11]**	Fire loop trouble

*To clear timer loss trouble, see *Key Access Programming* **[MEM]**. Press **[CLEAR]** to clear troubles.

INTERPRETING HEXA VALUES

KEY	HEXA VALUE	DECIMAL VALUE
[1] - [9]	1 - 9	1 - 9
[10]	A	0
[11]	B	11
[12]	C	12
[BYP]	D	13
[MEM]	E	14
[TRBL]	F	15
[2ND]	skip, null, not programmed	



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 = "**30**"

No light = **0**

STREAMLINED (SECTION) HEXA PROGRAMMING

(Used to program sections 00 to 34)

To begin programming
*Press **[ENTER]** + installer code + **[2] [7]** (**[ENTER]** and **[2ND]** keys will flash)*
*Enter 2 digit section number for programming (00 - 34) (**[ENTER]** key is "steady" and **[2ND]** key is "off")*
Enter 8 digit to program the section. Keypad will beep verifying completion of section programming. Data is saved and the next section is advanced to automatically for programming.

*To select a specific section press **[CLEAR]** or **[ENTER]**. (**[ENTER]** and **[2ND]** keys will flash).*
*Enter 2 digit section number (00-34). (**[ENTER]** key is "steady" and **[2ND]** key is "off").*

*To exit programming mode press **[CLEAR]**.*

TELEPHONE AND ACCOUNT NUMBERS: *(default **empty**)*
[TRBL] must end the phone number if less than 16 digits are programmed.

> *If only one central station phone number is used, the same number must be programmed for telephone number 1 and 2.*

Special instructions can be entered in the telephone numbers using the following keys:

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

Streamlined (section) programming = [ENTER] + installer + [2], [7]

COMPUTER TELEPHONE NUMBER: (View at addresses **060** to **067**.)

00 __ / __ / __ / __ / __ / __ / __ / __ **01** __ / __ / __ / __ / __ / __ / __ / __
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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

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

02 __ / __ / __ / __ / __ / __ / __ / __ **03** __ / __ / __ / __ / __ / __ / __ / __
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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

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

04 __ / __ / __ / __ / __ / __ / __ / __ **05** __ / __ / __ / __ / __ / __ / __ / __
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

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

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

06 __ / __ / __ / __ __ / __ / __ / __
1 2 3 4 5 6 7 8
A **B**

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

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

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

All digits from **[1]**-**[F]** are valid. **[2ND]** (SKIP) = digit is not reported.

Streamlined (section) programming: **[ENTER]** + installer code + **[2]**, **[7]**.

> **IMPORTANT:** If the **ONLY** reporting format selected at address **194** is "contact I.D." (key **[10]** - all codes), there is no need to program any values for addresses **088** - **193**. (See Contact I.D. Format, page 5)

ARMING (closing) CODES:

Streamline section	Data	Description	Address
07	__/__	User code 1	**088**
	__/__	User code 2	**089**
	__/__	User code 3	**090**
	__/__	User code 4	**091**
08	__/__	User code 5	**092**
	__/__	User code 6	**093**
	__/__	User code 7	**094**
	__/__	User code 8	**095**
09	__/__	User code 9	**096**
	__/__	User code 10	**097**
	__/__	User code 11	**098**
	__/__	User code 12	**099**
10	__/__	User code 13	**100**
	__/__	User code 14	**101**
	__/__	User code 15	**102**
	__/__	User code 16	**103**

DISARMING (opening) CODES:

Streamline section	Data	Description	Address
11	__/__	User code 1	**104**
	__/__	User code 2	**105**
	__/__	User code 3	**106**
	__/__	User code 4	**107**
12	__/__	User code 5	**108**
	__/__	User code 6	**109**
	__/__	User code 7	**110**
	__/__	User code 8	**111**
13	__/__	User code 9	**112**
	__/__	User code 10	**113**
	__/__	User code 11	**114**
	__/__	User code 12	**115**
14	__/__	User code 13	**116**
	__/__	User code 14	**117**
	__/__	User code 15	**118**
	__/__	User code 16	**119**

ALARM CODES ZONE 1 TO 12:

Streamline section	Data	Description	Address
15	__/__	Zone 1	**120**
	__/__	Zone 2	**121**
	__/__	Zone 3	**122**
	__/__	Zone 4	**123**
16	__/__	Zone 5	**124**
	__/__	Zone 6	**125**
	__/__	Zone 7	**126**
	__/__	Zone 8	**127**
17	__/__	Zone 9	**128**
	__/__	Zone 10	**129**
	__/__	Zone 11	**130**
	__/__	Zone 12	**131**

ALARM CODES ZONE 13 TO 24:

Streamline section	Data	Description	Address
18	__/__	Zone 13 *KYPD 1*	**132**
	[2ND]/[2ND]	Zone 14	**133**
	[2ND]/[2ND]	Zone 15	**134**
	[2ND]/[2ND]	Zone 16	**135**
19	[2ND]/[2ND]	Zone 17	**136**
	[2ND]/[2ND]	Zone 18	**137**
	__/__	Zone 19 *KYPD 2*	**138**
	[2ND]/[2ND]	Zone 20	**139**
20	[2ND]/[2ND]	Zone 21	**140**
	[2ND]/[2ND]	Zone 22	**141**
	[2ND]/[2ND]	Zone 23	**142**
	[2ND]/[2ND]	Zone 24	**143**

In a partitioned system, zones 7 to 12 and zone 19 report with account "B" and are assigned to system "B".

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

REPORTING CODES: *(default code **"empty"**).*
All digits from **[1]**-**[F]** are valid.
[2ND] (SKIP) = digit is not reported.

Streamlined (section) programming: **[ENTER]** + installer code + **[2]**, **[7]**.

ZONE 1 TO 12 RESTORE CODES:

Streamline section	Data	Description	Address
21	__/__	Zone 1	**144**
	__/__	Zone 2	**145**
	__/__	Zone 3	**146**
	__/__	Zone 4	**147**
22	__/__	Zone 5	**148**
	__/__	Zone 6	**149**
	__/__	Zone 7	**150**
	__/__	Zone 8	**151**
23	__/__	Zone 9	**152**
	__/__	Zone 10	**153**
	__/__	Zone 11	**154**
	__/__	Zone 12	**155**

ZONE 13 TO 24 RESTORE CODES:

Streamline section	Data	Description	Address
24	__/__	Zone 13 *KYPD 1*	**156**
	[2ND]/[2ND]	Zone 14	**157**
	[2ND]/[2ND]	Zone 15	**158**
	[2ND]/[2ND]	Zone 16	**159**
25	[2ND]/[2ND]	Zone 17	**160**
	[2ND]/[2ND]	Zone 18	**161**
	__/__	Zone 19 *KYPD 2*	**162**
	[2ND]/[2ND]	Zone 20	**163**
26	[2ND]/[2ND]	Zone 21	**164**
	[2ND]/[2ND]	Zone 22	**165**
	[2ND]/[2ND]	Zone 23	**166**
	[2ND]/[2ND]	Zone 24	**167**

In a partitioned system, zones 7 to 12 and zone 19 report with account "B" and are assigned to system "B".

TROUBLE CODES:

Streamline section	Data	Description	Address
27	__/__	Ma imum au iliary current	**168**
	__/__	Bell disconnect / ma . ell current	**169**
	__/__	Battery disconnected / low voltage	**170**
	__/__	No AC / low AC	**171**
28	__/__	Program change	**172**
	__/__	Timer loss	**173**
	__/__	Fire loop trou le	**174**
	__/__	Test report	**175**

TROUBLE RESTORE CODES:

Streamline section	Data	Description	Address
29	__/__	Ma imum au iliary current	**176**
	__/__	Bell disconnect	**177**
	__/__	Battery disconnected / low voltage	**178**
	__/__	No AC / low AC	**179**
30	__/__	Tamper / wiring fault	**180**
	__/__	Timer programmed	**181**
	__/__	Fire loop trou le	**182**
	__/__	TLM trou le restore	**183**

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

REPORTING CODES: *(default code "**empty**").*
All digits from **[1]**-**[F]** are valid.
[2ND] (SKIP) = digit is not reported.

Streamlined (section) programming: **[ENTER]** + Installer code + **[2]**, **[7]**.

SPECIAL CODES - FORMATS - PGM:

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

TYPICAL PGM O TP TS

Addresses 196-199 (section 34)

F NCTION	DESCRIPTION	TYPE	E A PROG *dd e 196 197*	*dd e 198 199*
Ground start Pulse (Timed N.O.)	Provides **3** pulse efore communication attempt	5	5/2	[2ND]/8
Push key **[1]** and **[2]** (Regular N.O.)	Provides output when keys **[1]** and **[2]** are pressed simultaneously.	1	5/8	[2ND]/6
System armed (Regular N.C.)	Output removed when system armed.	9	2/B	[2ND]/8
Stro e output (Regular N.O.)	Provides latching output on alarm, until disarmed.	1	2/C	[2ND]/2
Fail to communicate (Timed N.O.)	Provides output upon fail to communicate for **2**	5	2/6	[2ND]/4
2nd telephone line relay (Regular N.O.)	Provides output after one failed communication attempt.	[2ND]	7/A	[2ND]/E
Kiss off (Timed N.O.)	Provides **3** output after signal received at monitoring station.	5	7/D	[2ND]/8
Time output (Timed N.O.)	Provides **3** output every day at 8PM.	6	2/3	1/4
Fire reset (Timed N.C.)	**[TR L]** + **[11]** Provides **4** to reset detectors after alarm.	[BYP]	5/3	2/[2ND]

T **254**
Not permitted on UL listed systems

CONTACT I D FORMAT

Address 194 (section 33, key [9], [10])

If **CONTACT I.D. (ALL CODES)** is selected, (address **194**, key **[10]**), all addresses from **088** to **193** programmed or not, will report Contact I.D. event codes. (Refer to "Contact I.D. event code" list, Installation Manual.) Programming is not required for these addresses when **ONLY** this format is used.

If **CONTACT I.D. (SELECTED CODES** is chosen, (address **194**, key **[9]**), all addresses from **088** to **193** programmed with ANY VALUE except **[2ND] [2ND]** will report Contact I.D. event report codes. (Refer to "Contact I.D. event code" list, Installation Manual.)

(Potential application: to report in Contact I.D. format to one central station number, and 4/2 format to the second. Use 4/2 format to program addresses. At address 194, select a 4/2 format for one telephone number, and Contact I.D. format for the second. The software will automatically convert the 4/2 codes to Contact I.D. codes when transmitting them to the second receiver.)

COMM NICATOR FORMAT

Address 194 (section 33)

EY	
[2ND]	= ADEMCO slow (1400 z, 1900 z, 10 ps)
[1]	= (1400 z, 1800 z, 10 ps)
[2]	= SILENT KNIG T fast (1400 z, 1900 z, 20 ps)
[3]	= SESCOA (2300 z, 1800 z, 20 ps)
[4]	= RADIONICS (40 ps with 1400 z handshake)
[5]	= RADIONICS (40 ps with 2300 z handshake)
[6]	= RADIONICS with PARIT (1400 z, 40 ps)
[7]	= RADIONICS with PARIT (2300 z, 40 ps)
[8]	= ADEMCO e press
[9]	= ADEMCO contact ID (selected codes)
[10]	= ADEMCO contact ID (all codes)
[TR L]	= DTMF - no handshake (personal dialing)

IMPORTANT:

D

PGM TYPE

Address 195 (section 33)

EY			EY		
[2ND]	: OR	Reg N.O.	**[8]**	: OR	Reg N.C.
[1]	: AND		**[9]**	: AND	
[2]	: E UAL		**[10]**	: E UAL	
[4]	: OR	Timed N.O.	**[12]**	: OR	Timed N.C.
[5]	: AND		**[YP]**	: AND	
[6]	: E UAL		**[MEM]**	: E UAL	

(For timed PGM see also address **254**)

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

1st digit of zone tamper is reported with 2nd digit of zone 1-3 and 7-9 alarm codes - see addresses **120 - 131**.

feature select (light on/off) programming

Feature selection programmingaddresses** 200 **to** 242. **The "ON"/"OFF" status ofthelights(keys)determinesfeaturesselected.

1) Press** [ENTER] **+ installer code (default 747474),** [ENTER] **key will flash.
2) Enter 3 digit memory address (**200 **to** 242**).
3) Press correspondingkeytoselectoption.
4) To changeselection press key again.
5) To savepress** [ENTER]**.
***6) Repeat steps 3 to 5 for addresses** 200 **to** 242.*
***7) To exit programming mode press** [CLEAR].*

*Note: Default = "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]
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
200:	SYSTEM "A" / STAY	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
202:	SYSTEM "B" / AWAY	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
204:	Codeswith bypass access	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

206:

	KEY OFF / ON	
See "**TLM**" Ta le	☐ [2ND] ☐ / ☐ [1] ☐	
PS1/Keyswitch = regular arm / (A + B)	☐ [2] ☐	stay arm / System A
PS1/keyswitch arming	☐ [3] ☐	ena led
Call ack	☐ [4] ☐	ena led
Autoarm on time	☐ [5] ☐	ena led
Autoarm on no movement	☐ [6] ☐	ena led
Pulsedialing	☐ [7] ☐	tone dialing (DTMF)
Partitioning	☐ [8] ☐	ena led
Silentzone/panic generates a silent alarm	☐ [9] ☐	generates only a report
(1:2) PULSE EUROPE	☐ [10] ☐	(1:1.5)PULSE USA
See "**REPORTING**" Ta le	☐ [11] ☐ / ☐ [12] ☐	
Answering machineoverride	☐ [BYP] ☐	ena led
Bell s uawk on arm/disarm	☐ [MEM] ☐	ena led
Autozone shut-down	☐ [TRBL] ☐	ena led

TLM TABLE (TLM = Telephone LineMonitor)

Address 206, Key [2ND] [1]

KEY [2ND]	KEY [1]	
OFF	OFF	— TLMdisa led
OFF	ON	— TLMgeneratestrou leonly
ON	OFF	— generatesanalarmifarmed
ON	ON	— silentalarm ecomesaudi le

(address **206**, key **[9]** hasto e **OFF**)

REPORTINGTABLE

Address 206, Key [11] [12]

KEY [11]	KEY [12]	TYPE	DIALINGSEQUENCE (tel.No.)
OFF	OFF	– Reportingdisa led	
OFF	ON	– Regular reporting	– 2,1,2,1,2,1,2,1,failto comm.
ON	OFF	– Splitreporting: Alarms*	– 1,1,1,1,1,1,1,1,failtocomm.
		Systemreport	– 2,2,2,2,2,2,2,2,failto comm.
ON	ON	– Dou le reporting	– 2,2,2,2,2,2,2,2,failto comm., 1,1,1,1,1,1,1,1,failto comm.

*On alarm,allreportsaremadetoTel. 1untilthesystemisdisarmed. (Oncedisarmedsystem reportsaremade to Tel. 2)

208:

	KEY OFF / ON	
Call PC whenevent list is full	☐ [2ND] ☐	ena led
Panic 1 (keys **[1]** **[3]**, PS1)	☐ [1] ☐	ena led
Panic 2 (keys **[4]** **[6]**)	☐ [2] ☐	ena led
Panic 3 (keys **[7]** **[9]**)	☐ [3] ☐	ena led
Panic 1 silent (PS1)	☐ [4] ☐	audi le
Panic 2 silent	☐ [5] ☐	audi le
Panic 3 silent	☐ [6] ☐	fire
Key **[10]** regular arm / (A + B)	☐ [7] ☐	ena led
Key **[11]** stay or system A arm	☐ [8] ☐	ena led
6 digit access codes	☐ [9] ☐	4 digit
See **"Tamper/Wire Fault Definition"** Ta le	☐ [10] ☐ / ☐ [11] ☐	
Beep on e it delay	☐ [12] ☐	ena led
Report zonerestore on ellcut-off	☐ [BYP] ☐	on zone closure
Zones with EOL **green** (1K?)	☐ [MEM] ☐	no EOL
Always reportdisarm	☐ [TRBL] ☐	only after alarm

TAMPER / WIRE FAULT DEFINITION TABLE

Address 208, Key [10] [11]

SYSTEM ARMED	KEY [10]	KEY [11]	SYSTEMDISARMED*
Alarmasperindividual zonedefinitions	OFF	OFF	Disa led(zonedou ler is "off")
Always generatetrou le andalarm,audi leor silentasperindividual zonedefinitions **(Inthis sectionATZisenabled)**	OFF	ON	No alarm,trou le code reported
	ON	OFF	Silentalarmandtrou le codesreported
	ON	ON	Audi le alarmandtrou le codes reported**

*Exception:for24hourzonesthetamperdefinitionwillfollowthe audible/silentalarmdefinitionofthe24hourzone.
**Silentzones will generate a silentalarm

feature select (light on/off) programming

Feature selectionprogramming addresses 200 to 242. The "ON"/"OFF"statusofthelights(keys)determinesfeaturesselected.

1) Press [ENTER] + installer code (default 747474), [ENTER] key will flash.
2) Enter 3 digit memory address (200 to 242).
3) Press correspondingkeytoselectoption.
4) To change selectionpresskey again.
5) To save press [ENTER].
6) Repeat steps 3 to5foraddresses 200 to 242.
7) To exit programming mode press [CLEAR].

*Note: Default = "OFF" for addresses **200** to **242***

210:

	KEY OFF	/	ON
E clude AC from trou le display	☐	[2ND]	☐ ena led
Zone 9	☐	[1]	☐ disa led (incase of fire zone 12only)
Auto arm = regular arm / (A + B)	☐	[2]	☐ stay arm / System A
Arming regular	☐	[3]	☐ auto away
Arm-inhi it on att fail	☐	[4]	☐ ena led
Arm-inhi it o n tamper*	☐	[5]	☐ ena led
No tamper ypass	☐	[6]	☐ tamper follows zone ypass definition
Only ypass code reported on ypass arming	☐	[7]	☐ ena led

*Onlyinstaller can clear tamper trou le.

ZONE DEFINITION: *(default = "OFF")*

KEYSELECT:	[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	N/A					19	N/A				
Fast = ON	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
216	1	2	3	4	5	6	7	8	9	10	11	12	218	13	N/A					19	N/A				
Silent = ON	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
220	1	2	3	4	5	6	7	8	9	10	11	12*	222	13	N/A					19	N/A				
24 Hr./ Fire = ON	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
224	1	2	3	4	5	6	7	8	9	10	11	12	226	13	N/A					19	N/A				
Instant = ON	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
228	1	2	3	4	5	6	7	8	9	10	11	12	230	13	N/A					19	N/A				
Follow = ON	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
232	1	2	3	4	5	6	7	8	9	10	11	12	234	13	N/A					19	N/A				
Delay 2 = ON	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
236	1	2	3	4	5	6	7	8	9	10	11	12	238	13	N/A					19	N/A				
Bypass enabled = ON	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
240	SYSTEM A						SYSTEM B						242	SYSTEM A						SYSTEM B					
If ON, zone is ARMED on stay or split arming	1	2	3	4	5	6	7	8	9	10	11	12		13	N/A					19	N/A				
	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

* hen zone 12 is defined "24 our" it ecomesafirezone

NOTE: Zones notselected at addresses **220** to **234** are "Delay 1" zones.

3 DIGIT DECIMAL VALUE PROGRAMMING

*Decimal value programming addresses **244** to **255**. Values entered must contain 3 digits.*

1) *Press **[ENTER]** + installer code (default 747474) (**[ENTER]** key will flash)*
2) *Enter 3 digit address (**244** to **255**)*
3) *Enter 3 digit DECIMAL value (See Decimal Value Display* to read value*)*
4) *To erase, press **[CLEAR]**. To save press **[ENTER]***
5) *Go to step 2 for next address. To exit programming mode press **[CLEAR]***

(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 *(default **60** seconds)*

248: __/__/__ (seconds) Entry delay 1 *(default **45** seconds)*

249: __/__/__ (seconds) Entry delay 2 *(default **45** seconds)*

250: __/__/__ (minutes) Bell cut-off time (*default **5** minutes)*

251: __/__/__ (x 15 mSec.) Slow zone speed *(default **600** mSec.)*

252: __/__/__ (minutes) AC report delay *(default **30** minutes) (000=disabled)*

253: __/__/__ (x 15 minutes) Time for "No Movement" Report *(000=disabled) (default **8** hours)*

254: __/__/__ PGM timer setting: 001 to 127 for seconds and 129 to 255 for minutes *(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) *(default **unlocked**)*

DECIMAL VALUE DISPLAY

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

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

If key is lit = **128** = **64** = **32** = **16**

No light = **0**

KEY ACCESS PROGRAMMING

*Several panel features can be programmed quickly, without entering addresses or programming section numbers. Select "one-key access" programming mode by pressing **[ENTER],** followed by the installer, master or user 1 code (depending on the feature you wish to activate, only certain codes will be functional). Then press the single key (listed below) corresponding to the feature you wish to enable.*

key

[9] **"Auto arming" time program** *(accessible to master and user 1 only)*
Enter two digits (00 to 23) for hours + 2 digits (00 to 59) for minutes + **[ENTER]**.

[MEM] **"Panel time" and clear "trouble 8"** *(all 3 codes)*
Enter two digits (00 to 23) for hours + 2 digits (00 to 59) for minutes + **[ENTER]**

[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 and PC ID numbers (addresses **001**-**004**) and PC download phone 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 (work 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)*

[STAY] **Reset to default panel settings** *(installer code only)*
Connect reset jumper. Press **[ENTER]** + installer code + **[STAY]**, remove reset jumper.

[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], [7] **Streamlined value entry** *(installer code only)*

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

CHANGE MASTER AND USER CODES

*(default master **474747**)*

***[ENTER]** + master code + code number (2 digits, 00 to 16) + new code (4 or 6 digits, 0 to 9) +**[ENTER]**.*
*Use **[2ND]** to erase a code.*

***Master code = 00** (**[10][10]**) Full access to all system functions.*

***User codes = 01-16** (01 - can modify access codes. All user code priorities can be programmed at addresses **200**, **202**, **204** with the installer code.)*
*Note: **[2ND]** key flashes if location is empty.*
*To erase a code: **[ENTER]** + Master + Code Number + **[2ND]** + **[ENTER]***