

# ///ESPRESSO 737

## PROGRAMMING REFERENCE

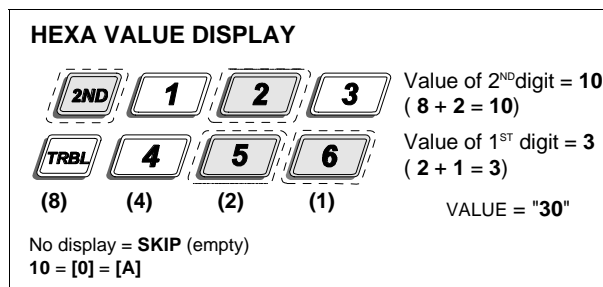
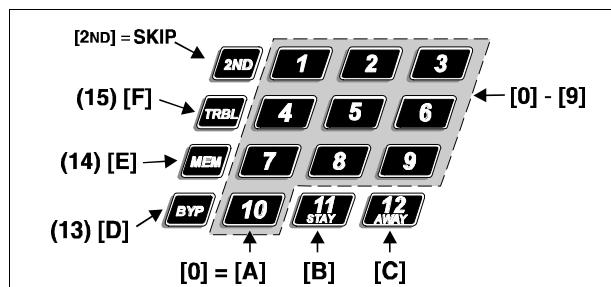


SOFTWARE VERSION **1.2**

IMPORTANT See page 7 for VERSION 1.0 modifications

To enter programming, press [ENTER] + installer code (Default installer code 737373)

Valid addresses "000" to "146" (key [10] = 0)



PANEL IDENTIFIER FOR UPLOAD/DOWNLOAD 00 - [F][F] ([10] = 0) 001: \_\_/\_\_ 002: \_\_/\_\_ (default code (empty) -"SKIP")

PC UPLOAD/DOWNLOAD PASSWORD 00 - [F][F] ([10] = 0) 003: \_\_/\_\_ 004: \_\_/\_\_ (default code (empty) -"SKIP")

### ACCESS CODES:

INSTALLER CODE: Access to all programming, (except addresses 008-034). 005: \_\_/\_\_ 006: \_\_/\_\_ 007: \_\_/\_\_ (default / reset code 737373)  
No access to arming/disarming and access code programming (can modify installer code)

### PROGRAMMING MASTER AND USER CODES:

[ENTER] + master code + code number (2 digit) + new code (4 or 6 digit) + [ENTER]

MASTER CODE = 00 ([10][10]) (default / reset code 373737) USER CODES 01-08

REPORTING CODES: (all digits from [0]-[F] are valid / [2ND] = SKIP, [2ND][2ND] = code is not reported) (default code "SKIP, SKIP" [2ND][2ND])  
If a condition should not be reported, enter [2ND][2ND] after the required address.

#### "TROUBLE REPORT" CODES:

063: \_\_/\_\_ No AC

064: \_\_/\_\_ Battery disconnected/low voltage

065: \_\_/\_\_ Maximum auxiliary current

066: \_\_/\_\_ Bell disconnect/max. bell current

067: \_\_/\_\_ Tamper / wiring

068: \_\_/\_\_ Timer loss

069: \_\_/\_\_ Fire trouble - ZONE 6 > 1.2Kohm

Telephone line

#### "RESTORATION" CODES:

071: \_\_/\_\_

072: \_\_/\_\_

073: \_\_/\_\_

074: \_\_/\_\_

075: \_\_/\_\_

076: \_\_/\_\_

077: \_\_/\_\_

078: \_\_/\_\_

#### SPECIAL REPORT CODES:

079: \_\_/\_\_ Partial arming

080: \_\_/\_\_ Panic 1

081: \_\_/\_\_ Panic 2

082: \_\_/\_\_ Panic 3

070: \_\_/\_\_ Test report

**DISARMING REPORT CODES:**

<b>099:</b> <u>  </u> / <u>  </u>	Expload	<b>109:</b> <u>  </u> / <u>  </u>
<b>100:</b> <u>  </u> / <u>  </u>	Master code	<b>110:</b> <u>  </u> / <u>  </u>
<b>101:</b> <u>  </u> / <u>  </u>	User code 1	<b>111:</b> <u>  </u> / <u>  </u>
<b>102:</b> <u>  </u> / <u>  </u>	User code 2	<b>112:</b> <u>  </u> / <u>  </u>
<b>103:</b> <u>  </u> / <u>  </u>	User code 3	<b>113:</b> <u>  </u> / <u>  </u>
<b>104:</b> <u>  </u> / <u>  </u>	User code 4	<b>114:</b> <u>  </u> / <u>  </u>
<b>105:</b> <u>  </u> / <u>  </u>	User code 5	<b>115:</b> <u>  </u> / <u>  </u>
<b>106:</b> <u>  </u> / <u>  </u>	User code 6	<b>116:</b> <u>  </u> / <u>  </u>
<b>107:</b> <u>  </u> / <u>  </u>	User code 7	<b>117:</b> <u>  </u> / <u>  </u>
<b>108:</b> <u>  </u> / <u>  </u>	User code 8	<b>118:</b> <u>  </u> / <u>  </u>

Enter **[2ND][2ND]** if a code should not be reported (default code **[2ND][2ND]**)

**ACCOUNT NUMBERS:** (valid digits are [1]-[F] / [2ND] = SKIP) (default code [2ND]/[2ND]/[2ND]/[2ND])

[ENTER] + Installer code + [9] + 8 digits of the two system account numbers + [ENTER]

\_/\_/\_/\_/\_/\_/\_/\_

A / B

OR SYSTEM "A" ACCOUNT NUMBER:

059: /                      060: /

SYSTEM "B" ACCOUNT NUMBER:

061: /                      062: /

If only one account number is required, the same code **should** be entered for both System A and System B.

If partitioning is "off", the same account number **must** be entered in A and B (address **125** key **[8]**)

## PROGRAMMABLE OUTPUT \*

121: \_\_\_\_ / \_\_\_\_      122: \_\_\_\_ / \_\_\_\_

\*To follow smoke detector reset program: address: **121**: keys **[5]** and **[11]**, address: **122**: key **[6]** should be turn "on". To reset smoke detector press **[TRBL] + [11]** (PGM will be inactive for 4 seconds).

**COMMUNICATOR FORMATS** (see "TABLE 1") (default code [2ND]/[2ND])

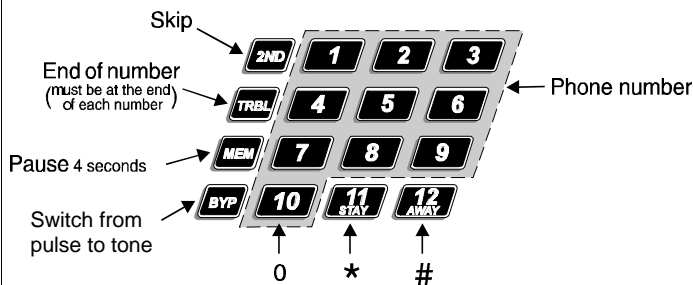
**119:**    /    1<sup>st</sup> digit: "telephone number 1" format - 2<sup>nd</sup> digit: "telephone number 2" format

### COMMUNICATOR FORMAT (TABLE 1)

## KEY

- [2ND]** = ADEMC0 slow (1400Hz, 1900Hz, 10bps)
- [1]** = unused
- [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)

## TELEPHONE KEY PROGRAMMING

**TELEPHONE NUMBER PROGRAMMING:**

(default = [2ND][2ND])

If only one central station phone number is available, the same telephone number should be programmed for telephone number 1 and 2.

**PC DOWNLOAD TELEPHONE NUMBER:**

**[ENTER]** + Installer code + **[3]** + up to first 8 digits (including last digit "end of number" **[TRBL]**) + **[ENTER]**, for the next 8 digits, do the same but enter **[4]** instead of **[3]**. (View at addresses **35** to **42**.)

**CENTRAL STATION TELEPHONE NUMBER 1:**

[ENTER] + Installer code + [5] + up to first 8 digits (including last digit "end of number" [TRBL]) + [ENTER], for the next 8 digits, do the same but enter [6] instead of [5]. (View at addresses 43 to 50.)

**CENTRAL STATION TELEPHONE NUMBER 2:**

[ENTER] + Installer code + [7] + up to first 8 digits (including last digit "end of number" [TRBL]) + [ENTER], for the next 8 digits, do the same but enter [8] instead of [7]. (View at addresses 51 to 58.)

**AUTO REPORTING TIME:** (date and time of day can be addressed by 070). To reset real time clock, press [ENTER] + Master or Installer code + [MEM],

120: \_\_/\_\_/\_\_

(default [2ND][2ND] auto report is disabled)

ADDRESS 120: 1 <sup>ST</sup> DIGIT PROGRAMMING		
Number of days between reports	If difference between clock reset time and desired reporting time	
	LESS THAN 12H	MORE THAN 12H
1	[2]	[10]
2	[3]	[11]
3	[4]	[12]
4	[5]	[BYP]
5	[6]	[MEM]
6	[7]	[TRBL]
7		

To disable auto reporting, enter [2ND][2ND]

ADDRESS 120: 2 <sup>ND</sup> DIGIT PROGRAMMING	
If difference in hours between clock reset time and desired reporting time	2 <sup>ND</sup> digit
1 or 13	[1]
2 or 14	[2]
3 or 15	[3]
4 or 16	[4]
5 or 17	[5]
6 or 18	[6]
7 or 19	[7]
8 or 20	[8]
9 or 21	[9]
10 or 22	[10]
11 or 23	[11]
12 or 24	[12]

**KEY SELECT PROGRAMMING:** (default = "OFF")

### 123: Communicator and TLM options

- KEY  
OFF / ON
- Answering machine override disabled ☐ 1 ☐ enabled
- Call back disabled ☐ 2 ☐ enabled
- Reporting disabled ☐ 3 ☐ enabled
- Auto reporting (days X 1) ☐ 4 (days X 4)
- Pulse dialing ☐ 5 ☐ tone dialing (DTMF)
- Telephone line monitor disabled ☐ 6 ☐ enabled
- TLM activate trouble only ☐ 7 ☐ trouble activates alarm on arm
- Auto zone shut down disabled ☐ 8 ☐ enabled

### 124: Arm/Disarm, Tamper and Reporting options

- KEY  
OFF / ON
- Keypad "beeps" on exit delay: disabled ☐ 1 ☐ enabled
- PS1/Keyswitch arming disabled ☐ 2 ☐ enabled
- PS1/Keyswitch = regular arm ☐ 3 = stay arm
- "TAMPER / ZONE WIRE DEFINITION" ☐ 4 ☐ see "Table 2"
- ☐ 5
- EOL loops ☐ 6 ☐ N.C. loops - no EOL
- Report zone restore on bell cut-off ☐ 7 ☐ reported on zone closure
- Disarm is always reported ☐ 8 ☐ only after alarm

### 125: Panic zone and key definition

- KEY  
OFF / ON
- Panic 1 disabled ☐ 1 ☐ enabled (Keys [1] & [3])
- Panic 2 disabled ☐ 2 ☐ enabled (Keys [4] & [6])
- Panic 3 disabled ☐ 3 ☐ enabled (Keys [7] & [9])
- Panic 1 silent ☐ 4 ☐ audible
- Panic 2 silent ☐ 5 ☐ audible
- Panic 3 silent ☐ 6 ☐ audible fire
- 6 digit access codes ☐ 7 ☐ 4 digit
- Partitioning disabled ☐ 8 ☐ enabled

### 126: Fast arming, PGM selection and miscellaneous features

- KEY  
OFF / ON
- Fast arm, Key [10]: disabled ☐ 1 ☐ enabled
- Fast stay, Key [11]: disabled ☐ 2 ☐ enabled
- ☐ 3
- Split report\* disabled ☐ 4 ☐ enabled (see note)
- Pulse dialing EUROPE (1-2) ☐ 5 USA (1-1.5)
- PGM out: OR ☐ 6 AND
- Exclude AC fail from trouble display: disabled ☐ 7 ☐ enabled
- Call PC when event list is full: disabled ☐ 8 ☐ enabled

\* **Note:** In "split report" mode, all regular reports (trouble, arm/disarm, test, etc.) are reported to *Telephone number 2*. All alarm and restoration reports are reported to *Telephone number 1*. If after four (4) attempts the panel cannot establish communication, it will alternate between *Telephone number 2* and *1* four times. When there is an alarm, any ongoing communication (up/download or reporting to *Telephone number 2*) will immediately be stopped and the panel will dial *Telephone number 1*. While the panel is in alarm, all regular reports will also be reported to *Telephone number 1*.

### TAMPER / ZONE WIRE DEFINITION (TABLE 2) (KEY [6] = "OFF")

		KEY		
SYSTEM ARMED		[4]	[5]	SYSTEM DISARMED
1 EOL - Alarm as per individual zone definitions		OFF	OFF	- Disabled
2 EOL - <div style="display: inline-block; vertical-align: middle;"> <div style="display: inline-block; width: 10px; height: 10px; border-left: 1px solid black; border-right: 1px solid black; margin-right: 5px;"></div>           Always generate trouble and alarm, audible or silent as per individual zone definitions         </div>		OFF	ON	- No alarm, trouble code reported
		ON	OFF	- Silent alarm and trouble codes reported*
		ON	ON	- Audible alarm and trouble codes reported**

\* 24 hour audible zones will generate an audible alarm

\*\* Silent zones will generate a silent alarm

### 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            |

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

<b>127:</b> <table style="width: 100%; border: none;"> <tr> <td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr> <td>Slow = ON</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr> <td>Fast = OFF</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table>		1	2	3	4	5	6	7	8	Slow = 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"/>	Fast = OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>128:</b> <table style="width: 100%; border: none;"> <tr> <td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr> <td>Silent = ON</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr> <td>Audible = OFF</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table>		1	2	3	4	5	6	7	8	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"/>	Audible = OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<b>135:</b> <table style="width: 100%; border: none;"> <tr> <td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr> <td>"Bypass enabled" zones = ON</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> <tr> <td>"Bypass disabled" zones = OFF</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table>										1	2	3	4	5	6	7	8	"Bypass enabled" zones = 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"/>	"Bypass disabled" zones = OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																				
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"Bypass enabled" zones = 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"/>																																															
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**SYSTEM ASSIGNMENT ADDRESS 133/134:**

**Partition "off" (Address 125, key [8] "OFF"):**

Any zones selected at address **133** will be armed upon "stay" arming\* (partition "off"). ([STAY] + code)

\*Note: Upon stay arming, tamper recognition (if enabled) continues to be active on all zones.

**Partition "on" (Address 125, key [8] "ON"):**

There are four ways to designate zone activation:

Address **133** - Zones selected at this address included in System "A".

Address **134** - Zones selected at this address included in System "B".

Address **133** + **134**: Zones selected at both addresses will be armed if either one of the systems (A or B) is armed. (These zones will be disarmed only upon full disarming.)

Neither address: Zones that are not designated as part of either System A or System B will be armed only if both systems are armed. (A and B)

**CODE PRIORITY DEFINITION ADDRESS 136/137:**

<b>136: SYSTEM "A"</b> <table style="width: 100%; border: none;"> <tr> <td></td><td colspan="8">Code number</td></tr> <tr> <td></td><td>01</td><td>02</td><td>03</td><td>04</td><td>05</td><td>06</td><td>07</td><td>08</td></tr> <tr> <td>[STAY] key</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table>		Code number									01	02	03	04	05	06	07	08	[STAY] key	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>137: SYSTEM "B"</b> <table style="width: 100%; border: none;"> <tr> <td></td><td colspan="8">Code number</td></tr> <tr> <td></td><td>01</td><td>02</td><td>03</td><td>04</td><td>05</td><td>06</td><td>07</td><td>08</td></tr> <tr> <td>[AWAY] key</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table>		Code number									01	02	03	04	05	06	07	08	[AWAY] key	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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[STAY] key	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																															
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[AWAY] key	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																															
<b>138: Codes with bypass access</b> <table style="width: 100%; border: none;"> <tr> <td></td><td>01</td><td>02</td><td>03</td><td>04</td><td>05</td><td>06</td><td>07</td><td>08</td></tr> <tr> <td></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td></tr> </table>										01	02	03	04	05	06	07	08		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																													
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**Partition "off" (Address 125, key [8] "OFF"):**

Address **136** - determines which access codes can activate "stay" arming.

Address **137** - determines which access codes can activate "away" arming.

Address **138** - determines which codes can access zone bypassing.

**Partition "on" (Address 125, key [8] "ON"):**

Address **136** - designates access codes that can arm System A zones.

Address **137** - designates access codes that can arm System B zones.

If a code is selected at both systems (addresses **136** and **137**), it will do the following:

- 1) The code can fully arm the system. If the code is entered when systems A and B are disarmed, it will completely arm the system.
- 2) The code can fully disarm the system. If the code is entered when systems A and B are armed, it will completely disarm the system.
- 3) When the system is partially armed (i.e. only System A or B is armed) entering this code will arm the other system.
- 4) The code can be used to selectively arm/disarm System A or System B. Enter [STAY] + code for System A arming/disarming.  
Enter [AWAY] + code for System B arming/disarming.
- 5) Codes that are not selected at either address are disabled.

Note: A System A code can stop a siren coming from System B and vice versa, but will not disarm the other system.

### 3 DIGIT DECIMAL PROGRAMMING (values entered at addresses 139 - 144 contain 3 digits between "000" and "255") ([10]/[2ND] = 0)

139: \_\_/\_\_/\_\_ (seconds) Exit delay (default 60 seconds)

140: \_\_/\_\_/\_\_ (seconds) Entry delay 1 (default 45 seconds)

141: \_\_/\_\_/\_\_ (seconds) Entry delay 2 (default 45 seconds)

142: \_\_/\_\_/\_\_ (minutes) Bell cut-off time (default 5 minutes)

143: \_\_/\_\_/\_\_ ( x 3 mSec.) Slow zone speed (default 500 mSec.)

144: \_\_/\_\_/\_\_ Number of rings before answer (default 8 rings)

Enter "000" at address 144 if you do not want the panel to answer.

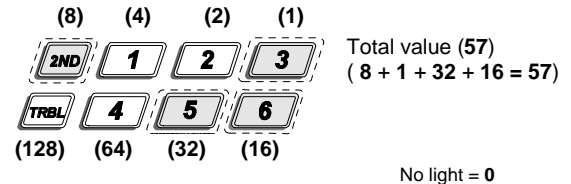
(Unless answering machine override is disabled, the panel will answer for answering machine dialing procedure.)

145: \_\_/\_\_/\_\_ INSTALLER CODE LOCK (default unlocked)

(Enter 147 to lock, any other value to unlock)

146: \_\_/\_\_/\_\_ AC trouble report delay (minutes) (default 30 minutes)

#### DECIMAL VALUE DISPLAY



## KEYPAD COMMANDS

### NOTES:

**Initiating test report;** Press [ENTER] + installer or master code + [BYP]

Address 123, key [3] "ON", Report code at address 070, telephone number at address 043-058, and account number(s) at address 059-062 must be programmed.

**Initiating call to Esplod via telephone;** Press [ENTER] + installer or master code + [TRBL]

Panel and PC ID numbers, (address 001-004, and PC download telephone number (address 035-042) must be programmed)

**Initiating call to Esplod via 737ADP-1;** Press [ENTER] + installer or master code + [AWAY]

(In Esplod, activate "blind dial" in modem setup.) **Note:** The panel must be connected to a battery.

**To reset timer and clear trouble 8;** Press [ENTER] + installer or master code + [MEM]

**To stop communication attempts;**

Disable reporting at address 123, key [3] "OFF", then press [ENTER] + installer or master code + [STAY]

**Reset to default;**

Reset jumper "ON", [ENTER] + installer or master code + [STAY], **remove** reset jumper

When communicating with Esplod it is impossible to enter programming mode or access keypad commands. All other functions are accessible.

For technical support please fax your name, country, fax and phone numbers in English/ French to (514) 491- 3284. We will do our best to respond within 24 hrs.

## ZONE DESCRIPTION

	SYSTEM	
	A	B
Zone 1: _____	<input type="checkbox"/>	<input type="checkbox"/>
Zone 2: _____	<input type="checkbox"/>	<input type="checkbox"/>
Zone 3: _____	<input type="checkbox"/>	<input type="checkbox"/>
Zone 4: _____	<input type="checkbox"/>	<input type="checkbox"/>
Zone 5: _____	<input type="checkbox"/>	<input type="checkbox"/>
Zone 6: _____	<input type="checkbox"/>	<input type="checkbox"/>
Zone 7: _____	<input type="checkbox"/>	<input type="checkbox"/>
Zone 8: _____	<input type="checkbox"/>	<input type="checkbox"/>

## ESPRIT 737 FEATURE SUMMARY

### PARTITIONING

Two distinct security systems can be controlled with the 737. (Partitioning can be used in installations where shared security systems are more practical i.e. office/warehouse, apartment/condominium complexes.) Partitioning is activated at address **125**, key **[8]** "on". The panel's 8 fully programmable (6 onboard and 2 remote keypad zones) can be divided into two systems. Selection of partitioned zone definition is conducted at addresses **133** and **134**.

#### *Partition "on" (Address 125, key [8] "on")*

There are 4 ways to designate zone activation:

**Address 133 only:** Zones selected at this address are System "A" zones.

**Address 134 only:** Zones selected at this address are System "B" zones.

**Address 133 + 134:** Zones selected at both addresses will be armed if either one of the systems (A or B) is armed. (These zones will only be disarmed upon full disarming.)

**Neither address:** Zones that are not designated as part of either System A or System B will be armed only if the system is fully armed.

Note: When partitioning is not activated (address **125**, key **[8]** "off") any zones selected at address **133** will be armed upon "stay" arming. Address **134** (System "B" zones) can only be programmed when partitioning is "on".

*Keypad display:* Both systems can be displayed on the keypad at the same time. In partitioning mode, when System A is armed, the **[STAY]** key illuminates. If system B is armed, the **[AWAY]** key illuminates. If both systems are armed, both of these keys will illuminate.

### ARMING/DISARMING

#### **Code definition:**

#### *Partition "on" (Address 125, key [8] "on")*

**Address 136:** Designates access codes that can arm System "A" zones.

**Address 137:** Designates access codes that can arm System "B" zones.

When a code is activated at both addresses (**136** and **137**), it can do the following:

- 1) The code can fully arm the system. If the code is entered when systems "A" and "B" are disarmed, it will completely arm the system.
- 2) The code can fully disarm the system. If the code is entered when systems "A" and "B" zones are armed, it will completely disarm the system.
- 3) When the system is partially armed (i.e. only System "A" or "B" is armed) entering this code will arm the other system.
- 4) The code can be used to selectively arm/disarm System "A" or System "B" zones.  
Enter **[STAY]** + code to arm/disarm System "A" zones.  
Enter **[AWAY]** + code to arm/disarm System "B" zones.

Note: Codes that are not selected at either address are disabled.

The master code can always access both systems. However, if no code is selected to have bypass access, then the master code cannot be used to bypass zones.

- (1) **System "A"** codes can stop sirens coming from **System "B"** zones (and vice versa), but won't disarm the other system.
- (2) It is not possible to arm one system during the other system's **exit** delay.

Pressing key **[10]** activates fast "full" arming. (When partitioning is enabled, System "A" and "B" are armed when key **[10]** is pressed.) Pressing key **[11]** activates fast "stay" arming. (When partitioning is enabled, System "A" is armed by pressing key **[11]**.) If the system is "stay" armed, pressing key **[10]** activates an **exit** delay followed by full system arming. If key **[11]** is pressed, an **exit** delay is provided and the system remains in "stay" arm mode. Key **[10]** and **[11]** can be enabled separately at address **126**.

Note: When partitioning is not activated, (address **125**, key **[8]** "off"):  
Address **136** determines which access codes can activate "stay" arming.  
Address **137** determines which access codes can activate "away" arming.  
Address **138** determines which access codes can activate "bypass" arming.

### ZONE DEFINITION

#### *Delay 1 and 2*

Two separate zone delays (delay 1 and delay 2) can be assigned to each zone. Delay definition is assigned at address **132**, and the length of zone entry delays 1 and 2 is entered at addresses **140-141**.

#### *Fire zone 6*

**Zone 6** becomes a fire zone when defined as 24 hour (with N.O. loops). The **fire** zone should always be connected with 1 EOL resistor. If there is a line short in the fire zone, a fire alarm will be generated. If the line is "open", a fire trouble report (if assigned at address **69**) will be sent to the central, trouble indicator **[11]**, and fire zone key **[6]** will illuminate on the keypad.

## 737 REPORTING

A separate reporting format can be selected for each central station telephone number.

Upon full arming and disarming, report codes for both System "A" and System "B" (if partitioning is activated) will be sent to the central. Two separate system account numbers must be created (address **059-060**, **061-062**) and arming/disarming report codes should be assigned at addresses **99-118**. If partitioning is disabled, the same account number must be programmed at address **059-060** and **061-062**.

A "partial arming" report code (if assigned at address **079**) will be sent to the central station upon arming if any zones in the system being armed have been bypassed. If partitioning is not activated, a partial arming report can also be sent during stay or manual bypass arming.

*Option: Disarm report/disarm after alarm report*

A "disarm" report code can be sent: a) when a system is disarmed (address **124**, key **[8]** "off") or b) only when a system is disarmed after an alarm (address **124**, key **[8]** "on"). This report code will not be sent after an alarm reset that does not disarm the system (i.e. in a 24 hour zone, or when a System "A" alarm is reset by a System "B" code.)

*Option: Restoration report*

Alarm restoration codes can be selected to be sent to the central upon zone closure or upon bell cut-off.

## INSTALLER CODE LOCK

The installer code lock is activated at address **145**. The digits **[1] [4] [7]** should be entered at this address if you wish to lock the installer code. Entering any other combination of digits at this address ensures that the installer code remains unlocked.

## ESPRIT 737 Version 1.2 Upgrade information

- 1- Programmable delay (000-255 minutes) for "AC failure" report at address **146**. (Default is 30 minutes.)
- 2- Four new communicator formats at address **119** (Radionics 4/2, 40bps with parity).
- 3- Fire zone trouble (zone open) illuminates fire zone key **[6]** and TRBL #11.
- 4- The 737 carries out an active battery test every minute for a 4 sec period, and every hour for a 64 second period.
- 5- The bell output can now support 2-20 watt sirens. (Maximum recommended output is 1A. Above 1A, the battery supplies current and may be drained).
- 6- Keyswitch can be used to arm/disarm System A regardless of System B status.

### NEW programmable options at address 126

- 7- "Split" reporting - In "split report" mode, all regular reports are reported to *Telephone #2*. All alarm and restoration reports are reported to *Telephone #1*. If after four (4) attempts the panel cannot establish communication, it will alternate between *Telephone number 1* and 2 four times. When there is an alarm, any ongoing communication (up/download or reporting to *Telephone number 2*) will immediately be stopped and the panel will dial *Telephone number 1*. (Please refer to page 3.)
- 8- AC trouble can be excluded from key **[TRBL]** display.
- 9- Key **[10]** activates fast "full" arming. (When partitioning is enabled, key **[10]** arms system A and B.). Key **[11]** activates fast "stay" arming. (When partitioning is enabled, key **[11]** arms system A). When the system is "stay" armed: key **[10]** provides an exit delay and activates full system arming. Key **[11]** provides an **exit** delay. Each key can be individually enabled at address **126**.
- 10- Keypad beeps during exit delay.
- 11- Panel calls PC when "event list" is full.
- 12- Compatible with Espload software Version **2.0** or later.
- 13- Espload communicator has been modified to be compatible with more modems. However the upload/download will be slightly slower when working with other modems. Both Espload versions could be used. Please note that previous Espload version and modems will operate fine with 737 version 1.21.

## Version 1.0

**not available**

**not available**

**TRBL #11 only**

**4 sec. every minute**

**1-30 watt**

**1-20 watt**

**can't arm "A"  
if "B" is armed**

**not available**

**not available**

**key [10] is used  
for either "full" arm  
or "stay" arm**

**not available**

**not available**

### **WARRANTY**

Warranty conditions for the Esprit 737 may vary from country to country. Please consult your local dealer for complete warranty information. In all cases, the warranty does not cover malfunctions arising from installer error or failure to follow installation/operation instructions, nor does it apply to damages due to causes beyond the control of Paradox Security Systems Ltd., such as lightning, excessive voltage, mechanical shock or water damage.

### **LIABILITY**

Under no circumstances shall Paradox Security Systems Ltd. be held liable for any direct or indirect damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation, operation or failure of this product.

### **WARNING**

This security system should undergo frequent testing. However, despite regular testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.