ESPRIT
MODEL 639 KEYPAD

User Manual

Made in CANADA

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VERSION 1.8

PARADOX SECURITY SYSTEMS

K639EU-00

TROUBLE DISPLAY

[1] No battery/Low battery
[2] Power failure
[4] No bell
[5] Bell output limit
[6] Aux. power output
[7] Communicator fail to report
[8] Time lost*
[9] Tamper or zone wiring fail
[10] Telephone line monitor
[11] Fire trouble

*To program/change time: Press **[ENTER]**, master code and **[MEM]**, followed by **00-23** (hr.), **00-59** (min.). Press **[ENTER]**, **[CLEAR]**.

TRBL Press **[TRBL]** to view the "trouble code" display.

MEM Press **[MEM]** to bring up alarm zones stored in memory.

BYP *plus* ***CODE*** Activates manual zone bypassing. You select which zones to leave open when arming the system.

10 "FAST ARM" key. Press for 2 sec. and system arms automatically. No need to enter an access code. **(Enabled by installer)**

CLEAR Incorrect entry? Just press **[CLEAR]**. It erases any keypad entries and returns control panel to previous status.

INFO Press **[INFO]**, followed by **[+]** or **[-]** to see the three information messages.

+ Used to scroll through information presented in display

READY For regular arming the **green** LED must be **"ON"** (all zones closed) before system can be armed. Flashing indicates that exit delay is in progress.

ARMED Red LED illuminates when the system is armed, and flashes when the system is in alarm.

11 STAY *plus* ***CODE*** *(NO PARTITION)* "AWAY" force arming. *(See page 11)*

12 ARM *plus* ***CODE*** *(WITH PARTITION)* System "B" arm/disarm key

– Use to scroll through information presented in display.

ENTER Use this key to store keypad entries in memory.

11 STAY *plus* ***CODE*** Activates "STAY" arming. To stay on the premises and still be protected, "STAY" (partial system) arming permits movement in pre-selected, unarmed zones.

ARM *plus* ***CODE*** *(PARTITIONED SYSTEMS)* System "A" arm/disarm key

11 STAY "FAST STAY ARM" key. Press for 2 sec. and the system "stay" arms automatically. No need to enter an access code. **(Enabled by installer)**

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ESPRIT BURGLAR ALARM CONTROL PANEL

Welcome to the world of **ESPRIT** technology. Your Esprit control panel has been designed with ease of use and simplicity in mind. We've developed a highly advanced control panel with powerful features that **ANYONE** can use, without memorizing complex, confusing codes or taking a course in computer programming!! Not only is **ESPRIT** easy to operate, with many functions accessible by one touch of the keypad, but it's also functional and stylish. We hope that you've already been impressed by its modern design and attractively-styled keypads, with their adjustable illumination levels. With the clear, concise and easy-to-read display of the **ESPRIT 639** LCD keypad, system operation becomes a matter of following a set of straightforward instructions.

The dwelling or building that you want to secure can be divided into as many as 24 zones (depending upon which model of the **ESPRIT** panel you require), and controlled by up to 5 keypads or PS1 bedside "remote arming" modules. Thanks to the **ESPRIT's** "partitioning" feature, two distinct systems (A and B), a dual area (assigned to both systems) and a common area (no system assignment) can be created and controlled by the panel. Partitioning can be used in installations where shared systems are more practical, such as office/warehouse buildings, or apartment/condominium complexes.

The combination of the **ESPRIT 639** keypad's comprehensive LCD display, 11 function keys and keypad sounder serve to keep you instantly aware of alarm, system and operational status. Motion detectors, smoke/glass break, vibration/shock and door/window contact sensors will all report to **ESPRIT's** RISC microprocessor brain, and vital security information will be communicated to you by the keypad display.

The **ESPRIT** can report a wide range of status conditions to the central monitoring station. Automatic test reports can also be sent to the central station to ensure that your system is functioning properly. We recommend that such tests be conducted regularly. Please consult your alarm system installer for instructions.

Using telephone lines, a computer modem & high-security software, your installing or monitoring company can perform remote diagnostics and modifications to your **ESPRIT** control panel at your request. In addition, your panel can also be armed remotely should you forget to do so. Depending upon the panel, you may even obtain a system activity printout. This reduces time and expense devoted to security supervision and can be performed in minutes.

Look

Everything you need to know about your security system is clearly displayed on the **ESPRIT 639** keypad. Information is easy to retrieve, and simple to understand. The zones in your security system are immediately identified, and important messages regarding system status appear right in front of you. The large 16-character LCD illuminated display is equipped with adjustable brightness and contrast levels. You can also easily program the “day of the week”, “time of day”, keypad buzzer mute, and keypad chime zones yourself.

The keypad diagram on the back cover of this manual provides you with an excellent introduction to the roles of the keypad function keys. The display automatically shows you the system status and there is a programmable delay, set by the installer, between each message. If zone status is normal, the LCD display will read “**SYSTEM READY**”. If any zone are open, the display will read “**ZONE OPEN**”. The display automatically shows which zones are open but you can also press **[+]** or **[-]** to select a specific zone.

Listen

Every time a key is pressed, the keypad beeps (0.5 second tone) to show that the entry has been detected. When you enter information on the keypad, it will guide you with beep tones that communicate acceptance or rejection of your entries. You should be familiar with these two keypad beep tones:

Keypad beep tones

“**CONFIRMATION**” beep: When an operation (i.e. arming/disarming) is successfully entered on the keypad, or when the system switches to a new status/mode, the keypad sounder produces an **intermittent** beep tone (3 short beeps).

“**END/REJECTION**” beep: When the system reverts to its previous status, or when an operation is incorrectly entered on the keypad, the sounder emits a **continuous** beep tone (1 second).

"PARTITIONING" (not available on all models)

Based on your instructions, your installer can program your panel to recognize and control two separate systems by activating the panel's **"partitioning"** feature. When partitioning is activated, each zone can be defined as belonging to System A, System B, both systems (dual area) or given no system assignment (common area). User access codes can also be programmed to arm/disarm one system or both systems simultaneously.

Your keypad can display the status of both systems. In partitioning mode, when System A is armed, the display shows “A Armed”. If System B is armed, the display shows “B Armed”. If both systems are armed, the display shows “A&B Armed”.

Code priority

When deciding who should have access to your security system control panel, please keep in mind that each user code can be assigned a different code priority by your installer. Code priority determines the level of security access each user will have, and which features and functions they can activate. **User Codes** can be programmed by the installer to arm/disarm the system, activate **[STAY]** or **[AWAY]** arming, and conduct zone bypassing. **User Codes** can also be designated (by your installer) to arm/disarm only System A zones, only System B zones, or both systems.

Programming User Codes

In addition to the master code, the Esprit control panel can be programmed to accept up to 48 user codes. You can choose to use either **4** or **6**-digit access codes with your system. 6-digit codes are considered more difficult to "crack" and are therefore seen as more "secure." If, however, ease of recall is your priority, then 4-digit access codes can be programmed instead. Once your codes are entered, your panel will always remember them, even after total AC and battery failure.

Note: Never select a code that is too simple or too obvious, such as your telephone number or street address, or codes like 1234, since these codes are often used as defaults by many manufacturers.

Your installer will program the Esprit to accept 4 or 6 digit codes, and will also assign code definitions to all access codes. To create or modify access codes, follow the steps indicated below. The master code or user code 01 must be used to enter "programming" mode to program user codes. Each access code is made up of 4 or 6 digits (programmed by alarm installer.) The master code **474747** and user codes are identified by a 2 digit "code number".

CODE	CODE #	CODE	CODE #
Master	00	User 25	25
User 1	01	User 26	26
User 2	02	User 27	27
User 3	03	User 28	28
User 4	04	User 29	29
User 5	05	User 30	30
User 6	06	User 31	31
User 7	07	User 32	32
User 8	08	User 33	33
User 9	09	User 34	34
User 10	10	User 35	35
User 11	11	User 36	36
User 12	12	User 37	37
User 13	13	User 38	38
User 14	14	User 39	39
User 15	15	User 40	40
User 16	16	User 41	41
User 17	17	User 42	42
User 18	18	User 43	43
User 19	19	User 44	44
User 20	20	User 45	45
User 21	21	User 46	46
User 22	22	User 47	47
User 23	23	User 48	48
User 24	24		

Creating User Codes:

1) Press **[ENTER]**, followed by your master code **474747**. You will hear the "**CONFIRMATION**" beep. The display will read "**ADDRESS: KEY IN ADDRESS**".

2) Enter the two digit "code number" (01 to 48) for the user code you wish to program. You will hear the "**CONFIRMATION**" beep. The display will now read "**ADDRESS: - KEY IN ADDRESS**".

3) Key in a **4 (or 6) digit** user code, the "**CONFIRMATION**" beep will be heard again. The display message returns to "**ADDRESS - KEY IN ADDRESS**". A four (or six) digit user code has been entered into memory. You may continue programming other user codes, or press **[CLEAR]** to exit programming mode.

Note: The display reads **"NONE"** when the location is empty.

Duress code:
The last user code (user 48) can be programmed as a "Duress code". If you are forced to arm or disarm your system under threat a duress code can be entered in the key sequence to produce a silent alarm at the monitoring station. Check with your installer to see if this option is active on your system.

Deleting a user code:
Press **[ENTER]**, master code, and code to be erased. If the code is programmed, the display shows:

00********000
****

Press **[2ND]** to delete that user code. The display will now read: **"NONE"**. Press **[ENTER]** to end user code programming. Press **[CLEAR]** to exit programming mode.

ARMING THE SYSTEM *(without partitioning)*
The Esprit can be armed in 5 different ways designed to cover a wide variety of security situations. We suggest that you familiar-

ize yourself with all 5 arming procedures so that you can take full advantage of your security system.

(1) ***REGULAR system arming***
(used for normal, day-to-day system operation)
The keypad's green "**READY**" light must be "**on**" in order to arm the system. This light will only illuminate if all zones are closed. The LCD display will read "**SYSTEM READY**". All doors and windows must be closed, and there can be no movement in areas monitored by motion detectors.

When the green "**READY**" light is not on, the LCD shows and scroll automatically "**ZONES OPEN**", followed by the open zone number and description. Press the **[+]** or **[-]** keys to see all zones from 1 to 24.

If all zones (in both systems) are closed, and the "**ZONES OPEN**" message still appears in the display, this indicates that there may be a problem communicating with the control panel. Please consult your monitoring company in this case.

Once the "**READY**" light is on, enter your user code. (The installer can program all user codes/code priorities for you.) If you make a mistake entering your code, the keypad sounder "**END/REJECTION**" beep will let you know. Just press **[CLEAR]** and re-enter the code.

When you have correctly entered your user code, the red "**ARMED**" light will come on. You will hear the keypad "**CONFIRMATION**" beep and the display will read "**EXIT DELAY**". The "**READY**" light will flash and the keypad will "beep" (if programmed) during the exit delay period. (For the last 10 seconds of the exit delay, the beep will be faster.)

Your installer will program exit delay duration based on the time you require to safely exit the protected area once the system is armed.

(2) "STAY" arming **[STAY]** plus **ACCESS CODE** OR **KEY [STAY/11]**
(Arms the system partially)
"Stay" arming allows you to remain in the protected area while "partially" arming the system. Thus, you can stay in and move around your home, or commercial building, while certain designated zones are armed. You may choose to have entry/exit points like doors or windows protected, or the basement, or perhaps all zones on the perimeter of your home or establishment.

Based on your instructions, your installer programs the control panel to arm certain zones in "Stay" arming mode. These programmed "Stay" zones will **arm** in "Stay" mode and can only be changed by your installer. Please remember that fire zones cannot be bypassed. (Using this helpful feature, you can "Stay" arm the system and then leave the premises while others remain in the protected area.)

Pressing **[STAY]** plus **ACCESS CODE (**or **KEY [STAY/11] - SEE BELOW)** on the keypad activates the "Stay" arming command. The display will read "**STAY ARMED**" at the end of the exit delay. "Stay" arming can also be activated by a key switch. Please refer to "key switch/push button arming".

(3) "ONE KEY" arming
(One touch system arming - no code required)

KEY [10] **regular arming**
When the "**READY**" light is on, pressing **KEY [10]** steadily for 2 seconds automatically "full" arms the system, if programmed. No

user code is required. The display will read "**SYSTEM ARMED**" at the end of the exit delay. This feature can be used to allow specified individuals like service personnel (i.e. cleaners, maintenance) to arm the system when leaving the protected area, without giving them access to any other control panel operations.

KEY [STAY/11] **stay arming**
Please refer to "Stay" arming section above for a full explanation of this feature. There is no need to wait for the "**READY**" light before "Stay" arming, however all zones that are defined to be armed in "Stay" mode by your installer, must be "closed" (no movement in the zones when arming the system). Pressing key **[STAY/11]** steadily for 2 seconds will automatically "Stay" arm the system. The display will read "**STAY ARMED**" at the end of the exit delay.

Double "Stay" arming
During the exit delay, press **[STAY/11]** again to switch any "delay 1" or "delay 2" zones to "instant" zones. 24 hour "Stay" zones, follow "Stay" zones and instant "Stay" zones are not affected. Full system arming cancels "Double Stay" arming.

Fast Exit
Exit while system is armed in "Stay" mode:
A. Fast exit and stay key **[11]**
To exit the premises and remain "Stay" armed, press key **[STAY/11]** for two seconds. The system will switch to "exit delay" mode ("**READY**" **LED** flashes). At the end of the "exit delay" period, the system will return to "Stay" arming mode.

B. Fast exit and regular arm key **[10]**
Press key **[10]** for two seconds. The system will switch to "regu-

lar" arming with an "exit delay" ("READY" LED flashes). At the end of the "exit delay" period, the system is "regular" armed.

Keyswitch/Push-button Arming
Your system can include a key switch or push button that arms/disarms the system. This arming method is particularly useful when installed in a master bedroom, making system arming and disarming convenient and accessible. The beautifully-styled Esprit PS1 bedside remote has been specifically designed for this application and includes a panic zone.

If an **alarm** is generated in your system, or a zone that has not been defined as a "Stay" zone is opened after panel arming, the system can only be **disarmed** from a **keypad** (if keyswitch is programmed for "Stay" arming) using an **access code.**
Please ask your installer for more information.

(4) MANUAL BYPASS arming **[BYP]** plus **ACCESS CODE**
(Arms the system while bypassing defective zones and/or zones you wish to leave open)

Note: Bypassed zones are no longer monitored by the security system and will not generate an alarm on the control panel.

You might not wish to arm the entire system when, for example, workers are renovating part of your house, or for any other reason you need to leave a zone open. If a component of your security system is damaged, it can also be bypassed until repairs are made. Manual bypass arming instructs the control panel to ignore zones that you designate "open", so that the rest of the system can still be armed. (Based on your instructions, only zones that your installer has programmed "bypass-enabled" can be

bypassed during manual bypass arming, normal arming or "Stay" arming. Note that **the fire zone cannot be bypassed.**)

Press the bypass **[BYP]** key, followed by your **ACCESS CODE**. You are now in "bypass" mode. If there are no zones currently bypassed, the LCD display will read "**(NONE)**." If certain zones have already been bypassed, the message "**ZONE BYPASS - ZONE NUMBER**" appears on the display. The **[+]** and **[-]** keys can be used to scroll through information at sequential locations (i.e. to scroll zones from 1-12 and 13-24). To reach the zones to bypass, press **[2ND]** (i.e. if the display shows zones from 1-12, pressing **[2ND]** displays zones 13-24 (the ↓ indicates that you are in the 13-24 zone display mode), pressing **[2ND]** again displays zones 1-12.) Enter the key numbers corresponding to the zones you wish to "bypass". Press again on the zone key if you wish to undo a zone selection.

If you have entered the correct zone bypass information, press **[ENTER]**. If "**ZONE BYPASS**" is displayed, it indicates that zones have been bypassed, and system status will be indicated by the LCD display. If you make an error entering zone numbers, press **[CLEAR]**.

By using the "bypass recall" feature, you can reinstate the latest zone bypass instructions saved in memory. Press **[BYP]** while in "manual bypass arming" mode and the previous bypass status will be reestablished. This eliminates the need to enter the same "bypass" information every time you arm the system.

(5) FORCE (Away) arming **[AWAY] plus code**
(*Arms the system quickly*)
To arm the system rapidly without waiting for the "**READY**" light, use Force "Away" arming. Press **[AWAY]**, followed by a valid access

code. Once the exit delay expires, any open zones will not be considered “activated” by the panel. Open zones will not be protected, and will not generate an alarm or prevent arming. These “Away” zones will be activated (and, therefore, protected) as soon as they are closed. Armed status is indicated by display of message “**SYSTEM ARMED**”. Note that **the fire zone cannot be force armed**.

Notes:
1 - These features are not recommended for regular use because leaving zones open can reduce the efficiency of system protection. “Force” arming is an ideal feature for use with overhead garage doors!

2 - Upon system disarm, bypassed zones are cleared, unless they have “24 hr.” definition.

"No movement" supervision feature.
Your panel can be programmed to send a report and/or arm the system if the system is not armed (full or “Stay” arming) and there is no zone activity for a preprogrammed amount of time. This is a particularly useful feature when supervising the elderly, individuals with chronic health problems or a person living alone.

Automatically Arm on Time
Your installer can program your system to arm at a specific time each day. In this mode, the status of all protected zones and detection devices must be "normal" before arming can occur.

Panic zones
If you wish to be able to signal a “panic” situation, three "panic" zones can be programmed on your keypad by your installer. Pressing keys **[1]** and **[3]** simultaneously for 2 seconds will generate a “panic”. Pressing keys **[4]** and **[6]** simultaneously for 2 seconds will generate a “panic” alarm or, if programmed, a "medical alarm". Pressing keys **[7]** and **[9]** simultaneously for 2 seconds will generate a "panic" or, if programmed, a "fire alarm".

Based on your needs, your installer can program these panic zones to generate audible alarms (sirens or bells) or silent alarms, both of which can also generate reports sent directly to your central security station. The 3 different panic zones can also communicate specific messages to your monitoring station, i.e. pressing panic = "call the police", pressing panic = "call the fire department" etc. Ask your installer for the exact definition of your panel's panic alarms.

DISARMING THE SYSTEM *(without partitioning)*
Enter the area using the designated entry-exit door(s). The keypad sounder emits a constant tone to remind you to disarm your system. Enter your user code on the keypad before the entry time expires. If you make a mistake while entering this code, press **[CLEAR]** and re-enter it. The "**ARMED**" light will go off and the sounder will stop.

SYSTEM ARMING/DISARMING *(with partitioning)*
Zones can be divided into two systems. Based on your requirements, the installer designates which zones belong to "System A" or "System B”, both systems (dual area)**,** or are not given a system assignment (common area). A zone belonging to a “dual area” is armed if either “System A” or “System B” is armed, and disarmed only when **both** systems are disarmed. A zone belonging to a “common area” is a zone that is armed only when both systems are armed, and disarmed if “System A” **or** “System B” is disarmed.

Once zones have been assigned to either "System A" or "System B", code definition (as programmed by the installer), this determines which access codes can arm "System A" zones, as well as which codes can arm "System B" zones. Codes can also be given access to both systems.

When the "**READY**" light is on, entering a code that can access both systems will arm both "System A" and "System B'. The display will read.“A&B **ARMED**”. Entering this code when the panel is armed will disarm both systems.

To arm/disarm each system separately, do the following:
Press **[STAY/11]** plus a valid access code to arm/disarm "**A ARMED**". (Valid access code = "System A" code, or code with access to both systems.) The display will read “**A ARMED**”.

Press **[AWAY/12]** plus a valid access code to arm/disarm "**B ARMED**". (Valid access code = "System B" code, or code with access to both systems.) The display will read “**B ARMED**”.

Note: "System A" codes can stop sirens coming from "System B" zones (and vice versa), but will not disarm a system in alarm.

Pressing key **[10]** activates "one key" *full* arming. (When partitioning is “on”, System "A" and "B" are armed when key **[10]** is pressed.) Pressing key **[STAY/11]** activates "one key" *Stay* arming. (When partitioning is “on”, System "A" is armed by pressing key **[STAY/11]**.)

PS1 Bedside remote module
Pressing any **one** of the three keys on this module will **arm** or **disarm** the system in "Stay" mode or “System A”. Please note

that if the system is in entry delay or if an alarm is in progress, for your protection the panel can only be disarmed from a keypad. Pressing any **two PS1** keys simultaneously will generate a **panic** alarm. Your installer can also adjust the PS1's illumination level and mute the buzzer as required.

***Alarm Memory* [MEM]**
The message “**ALARMS IN MEM**” is displayed if any alarm situations take place while your system is armed. A record of all alarm situations that occur is stored in memory. After disarming the system, pressing once on the **[MEM]** key brings up the zones that were open during the last arming period. The LCD display shows the zone number and description of all zones in alarm memory.

“View Event List” Mode (Version 3.00 and onward)
Your control panel creates a buffer which contains a record of all system activities, including time and date. This “event list” will be saved even after total power loss.

In “normal” mode, pressing **[MEM]**, followed by **[INFO]** switches the system to “view event list” mode. The display will indicate: Event/Event number/Day/Time ex: **ALARM 01A** (1st line) **/ 001 Sun 12:52** (2nd line).

Pressing **[+]** starts from the current to the oldest event and pressing **[-]** starts from the current to the most recent event.

Autoscrolling is started by pressing **[+]** or **[-]** for 2 seconds. You have an ajustable delay (1 to 4 seconds) between each events in autoscrolling (same as the scrolling delay, address **036**). When you reach the end of the event buffer, a beep is heard. Autoscrolling is turned off by pressing again on **[+]** or **[-].** If an

unlisted event occurs or there are no more events in the event list, a fail beep is heard and "**not listed**" is displayed on the LCD.

Important: If "timer loss" message appears in the display, the time and day indicated may not be accurate. If the time was reprogrammed following power loss, all messages displayed ***before*** "timer restore" message contain the correct time and day.

Programmable output
Your Esprit control panel provides total convenience along with top security. Your installer can program the panel to reset smoke detectors and Glasstreks, activate strobe lights, activate light switches in your home or office, reduce or increase building temperature, turn on/off air conditioning, open/close automatic garage doors, and more. Talk to your installer about this helpful feature!

Programming Keypad Features
Several keypad features can be programmed directly by you, without the help of an installer. To begin programming, enter "user programming mode". Hold down the **[ENTER]** key for approximately two seconds. A series of beeps will be heard. The first of several programmable features will appear in the LCD display. To scroll through the list of features, continue pressing **[ENTER]**.

"LCD contrast level programming"
The first message which will appear in the display will read:
"**CONTRAST ADJ. 00 PRESS (+, -)**"

Press the **[+] or [-]** keys to increase or decrease the contrast, until it reaches the level you require. When the right contrast level is reached, press **[ENTER]**.

"LCD display illumination level programming"
The second message to appear in the LCD display is:
"**BACKLITE ADJ. 00 PRESS (+, -)"**

Press the **[+]** key. Each time this key is pressed, the number in the display will **increase** by 1, and the display illumination and key light levels will **increase.** If the **[-]** key is pressed, the number in the display will **decrease** by 1, and the display illumination and key light levels will also **decrease.** The lowest numeric reading is ***00*** and the highest numeric reading is ***07***. When the right illumination level is reached, press **[ENTER]** to move to the next programmable feature.

"Day of the week programming"
The third message to appear in the LCD display is:
"DAY : SUN PRESS [1] TO [7]"

The display will read "**DAY**": (followed by the currently programmed day of the week)". To program the correct day, find the number corresponding to the day of the week on the list below, and press the single digit shown for that day.

[1] = **SUN**day	**[5]** = **THU**rsday
[2] = **MON**day	**[6]** = **FRI**day
[3] = **TUE**sday	**[7]** = **SAT**urday
[4] = **WED**nesday	

Example:
To program "Thursday", press **[5] [ENTER].**
After selecting the required day, press **[ENTER]** to scroll to the "Time of Day" programming feature.

"Time of day" programming
The fourth message to appear in the LCD display is:

"TIME XX:XX ENTER IN 24H"

The display will read "TIME", followed by the currently programmed time of day. To modify the time programmed, enter the four (4) digits corresponding to the required time, according to the "24 hour" clock.

Example:
To program **4:05 p.m**, enter **16:05** by pressing **[1] [6] [0] [5]**.

After the 4 digits have been entered, you will hear a "confirmation" beep, indicating that the keypad time programmed has been automatically saved in memory. Once the required time has been programmed, press **[ENTER]** to scroll to the last user-programmable feature.

IMPORTANT: PLEASE NOTE THAT "PANEL TIME" MUST ALSO BE PROGRAMMED. "One-key access" programming can be used to set panel time. (Refer to "**Key Access Programming**", page 20)

"Keypad Mute and Chime Zone Programming"
The fifth message to appear in the LCD display is:

"CHIME & MUTE": "KEY "ON" = ENABLED"

Each message activates a separate keypad feature.

Chime Zone Selection:
Your 639 keypad permits **zones 1-12** to be programmed as "chime" zones. A chime zone "advises" you when it is opened by creating a rapid intermittent beep tone. Any or all zones of Esprit control panels (zones 1-12) may be programmed as "chime" zones.

In programming mode, when the "CHIME & MUTE:" message is displayed, zones shown on the "KEY ON" line have the "chime" feature activated. To turn on the "chime zone" feature, press the corresponding key to activate the chime zone: Key "1" = chime zone 1, Key "2" = chime zone 2, etc. Chime zone is heard only when zones 1-12 are displayed.

Example: If **[3]** is displayed, zone 3 is programmed as a "chime" zones. If you have more than 1 keypad in your system, program the "chimes" for each keypad separately.

Keypad zones:
To activate chime feature on the 1st keypad zone, press **[TRBL]**. To activate chime feature on 2nd keypad zone, press **[2ND]**.

Keypad Mute:
The keypads in your security system may be located in or near bedrooms, or other locations where keypad sounds generated during entry/exit delays can be a source of annoyance/inconvenience. In these areas, you can "mute" selected keypads, so that no sounds will be generated by a keypad unless keys are actually pressed.

To activate "keypad mute" feature, enter "programming" mode at the keypad you wish to mute. (Reminder: depress **[ENTER]** for 3 seconds). Scroll to the "CHIME & MUTE" message by repeatedly pressing **[ENTER]**.

Press **[BYP]**. The message will now read "KEY ON = [BYP]". Use the **[BYP]** key to turn the "mute" feature "on" or "off" as required.

Once selections for these five programmable features have been made, press **[ENTER]** to save them in keypad memory. Press **[CLEAR]** to exit "programming" mode. To return to a previous fea-

ture, continue pressing **[ENTER]** to scroll through the list.
Note: Chime zone is always audible.

Key Access Programming
Several **control panel** features can be programmed quickly on the keypad, without entering any programming addresses or section numbers. Select "one-key access" programming by pressing **[ENTER]**, followed by the master or user code 1. Then press the single key (listed below) corresponding to the feature you wish to activate. Verify first with your installer that all of the features listed have been programmed and activated on your control panel.

[9] "**AUTO ARMING TIME" PROGRAMMING**
Display shows "**AUTO ARMING TIME**" "**ENTER IN 24HRS**". Enter two digits (**00** to **23**) for hours, and two digits (**00** to **59**) for minutes.

[MEM] "**PANEL TIME**" (and "**CLEAR TROUBLE 8**")
Display shows "**CLOCK MODE**" "**ENTER IN 24HRS**". Enter two digits (**00** to **23**) for hours, and two digits (**00** to **59**) for minutes.

[BYP] "**TEST REPORT**"
Press this key to send a test report from your alarm system to the central monitoring station.

[TRBL] "**CALL ESPLOAD VIA TELEPHONE**"
If programmed by your installer, this initiates communication to the central monitoring station computer using ***Espload*** software.

[AWAY] "**ANSWER ESPLOAD**"
This feature initiates "modem" communication between your panel and a computer running ***Espload*** software. (The ADP-1 adapter can also be used.)

[STAY] "**CANCEL COMMUNICATION ATTEMPTS**"
Stops calls to ***Espload***.

Press **[CLEAR]** to exit key access programming.

The [INFO] key
Press **[INFO]** key once to enter Info mode. You can then view three programmable messages (installer programmed). The display shows these messages with a 5 second delay between each. You can also press **[+]** or **[-]** to view each message.

TROUBLE DISPLAY [TRBL]
10 different trouble conditions can be displayed on the keypad. When trouble conditions occur, the display reads "trouble", press **[TRBL]**. Also, if programmed by your installer, keypad sounder will beep. If there is a power supply failure, the display will alternate between "**SYSTEM TROUBLE/POWER SUPPLY**" and the system status message.

The display will show which trouble conditions are currently taking place. Pressing on any key will return the keypad to normal zone display.

Trouble 1 ***No battery/low battery***
If the battery is not connected to the panel, or if it is at low capacity, "**TROUBLE 01 BATTERY**" appears in the display. The battery connected to the panel should be replaced, because it can no longer provide adequate back-up current in the event of a power failure. The trouble **will also** be displayed if battery voltage drops to 10.5 volts while the control panel is running on battery power (with no AC).

Trouble 2 ***Power failure***
If AC power is not being supplied to the control panel **and/or** the

power supply is unable to charge the battery **and/or** the power supply voltage exceeds 14.9 volts, the LCD display will read "**TROUBLE 02 POWER SUPPLY**". Power failure can be excluded from **[TRBL]** key display by your alarm installer.

Trouble 4 ***Bell disconnect***
If a bell or siren is not connected to the bell/siren output, "TROUBLE 04 NO BELL" appears in the display.

Trouble 5 ***Maximum bell current***
If the processor recognizes that the bell/siren output current exceeds 3A,. the LCD display reads "**TROUBLE 05 MAX BELL OUTPUT**". Automatic bell output shutdown results. Once the problem is corrected, power will automatically be restored to the bell/siren circuit.

Trouble 6 ***Maximum auxiliary current***
If the processor has recognized that the auxiliary output current exceeds **1A** (748ES - **3A**), the LCD display will read "**TROUBLE 06 MAX AUX OUTPUT**". This causes automatic shutdown of the auxiliary output. Once the problem is corrected, power will automatically be restored to the auxiliary output. This output powers such devices as motion detectors and accessory modules.

Trouble 7 ***Communicator report failure***
If your control panel cannot communicate with the central monitoring station, the LCD display reads "**TROUBLE 07 COMMUNICATION**".

Trouble 8 ***Timer loss***
If the system timer is not functioning, usually after a total battery and AC power failure, the LCD display reads "**TROUBLE 08 TIMER LOSS**". The timer should be reprogrammed after total power loss.

To reprogram the timer, press **[ENTER]**, followed by the master code/user code 1, and **[MEM]**. Key **[MEM]** flashes. Then enter 2 digits (00 to 23) for hours, followed by 2 digits (00 to 59) for minutes. Press **[ENTER]**.

Trouble 9 ***Tamper/zone wiring failure***
Indicates that there is a wiring problem in a protected zone, the LCD display reads "**TROUBLE 09 TAMPER**".

Trouble 10 ***Telephone line monitor***
If the panel detects telephone line loss, the LCD display reads "**TROUBLE 10 PHONE LINE**".

Trouble 11 ***Fire/trouble***
If the fire zone is cut, fire zone key and trouble, the display will read" **TROUBLE 11 FIRE LOOP**".

Most "trouble" conditions will be programmed by your installer to be reported directly to your security company. Please contact your alarm company to ensure that repairs are immediately made to your security system.

Fire Alarm Operation - **Alarm**
Upon a Fire Alarm, the bell/siren will operate in "pulse mode".

Silence/Reset*:*
To silence/reset a fire alarm, enter a valid user code.

IMPORTANT: IN CASE OF FIRE, FOLLOW YOUR EVACUATION PLAN IMMEDIATELY! If there is no fire condition, contact your monitoring company without delay to avoid an unnecessary response.

Fire Safety in the Home

Reasonable fire safety can be achieved following a 3 point program:

1. Minimizing fire hazards
2. Providing a fire warning system
3. Having and practicing an escape plan

Minimizing Fire Hazards

The three traditional fire killers are:

1. Smoking in bed
2. Leaving children home alone
3. Cleaning with flammable liquids such as gasoline

Providing a Fire Warning System

Household fires are especially dangerous at night. Fires produce smoke and deadly gases that can overcome sleeping occupants. To warn against fire, smoke detectors should be installed outside of each sleeping area in the immediate vicinity of the bedrooms and on each additional story of the family living unit, including basements.

Having and Practicing an Escape Plan

There often may be very little time between detection of a fire and the time that it becomes deadly - as little as **1** or **2** minutes. Advance warning of a fire may be wasted unless the family has planned in advance for a rapid exit from their residence.

1. Plan and practice for fire conditions with the focus on rapid exit from the residence.

2. Drills should be held so that family members know what to do.

3. Each person should plan for the possibility that an exit out of the bedroom window may be necessary. An exit out of the residence without requiring the opening of a bedroom door is essential.

Provision for the Disabled

In special circumstances where the life-safety of certain occupant(s) depends upon prompt rescue by others, the fire warning system includes a means of prompt, automatic notification to those who are to be depended upon for the rescue.

Testing your System

It is recommend that your system be tested once a week. Contact your monitoring station BEFORE and AFTER testing.

Burglar Alarm Testing

With the system disarmed and the "**READY**" light on, activate motion detectors (walk in protected area). Open and close protected doors. A "zone open" message should appear on the LCD display following each activation. If keypad panic keys are enabled (check with your installer), pushing one of these keys will initiate a local alarm (if programmed) and a signal to be transmitted to the monitoring station (if programmed). Your installer can advise you of the best way to test your particular system.

Fire Alarm Testing

CAUTION: Do not use open flame or burning materials to test your fire detection devices. Contact your alarm installer for safe methods to test your system.

System Maintenance

Under normal use, your system requires virtually no maintenance other than regular testing. It is recommended that the standby battery be changed every three years.

IMPORTANT: Keep this information in a secure location.

ZONE DESCRIPTION

	PARTITIONING ACTIVATED ☐ Yes ☐ No	SYSTEM Stay/A	SYSTEM Away/B	24 Hr	Bypass Enabled
Zone 1:	_____	☐	☐	☐	☐
Zone 2:	_____	☐	☐	☐	☐
Zone 3:	_____	☐	☐	☐	☐
Zone 4:	_____	☐	☐	☐	☐
Zone 5:	_____	☐	☐	☐	☐
Zone 6:	_____	☐	☐	☐	☐
Zone 7:	_____	☐	☐	☐	☐
Zone 8:	_____	☐	☐	☐	☐
Zone 9:	_____	☐	☐	☐	☐
Zone 10:	_____	☐	☐	☐	☐
Zone 11:	_____	☐	☐	☐	☐
Zone 12:	_____	☐	☐	☐	☐
Zone 13:	_____	☐	☐	☐	☐
Zone 14:	_____	☐	☐	☐	☐
Zone 15:	_____	☐	☐	☐	☐
Zone 16:	_____	☐	☐	☐	☐
Zone 17:	_____	☐	☐	☐	☐
Zone 18:	_____	☐	☐	☐	☐
Zone 19:	_____	☐	☐	☐	☐
Zone 20:	_____	☐	☐	☐	☐
Zone 21:	_____	☐	☐	☐	☐
Zone 22:	_____	☐	☐	☐	☐
Zone 23:	_____	☐	☐	☐	☐
Zone 24:	_____	☐	☐	☐	☐

ACCESS CODES

☐ 4 digit ☐ 6 digit

Name	Code	Arming Priority: Regular	Stay/A	Away/B	Byp
_____	Master 00	☐	☐	☐	☐
_____	User 01	☐	☐	☐	☐
_____	User 02	☐	☐	☐	☐
_____	User 03	☐	☐	☐	☐
_____	User 04	☐	☐	☐	☐
_____	User 05	☐	☐	☐	☐
_____	User 06	☐	☐	☐	☐
_____	User 07	☐	☐	☐	☐
_____	User 08	☐	☐	☐	☐
_____	User 09	☐	☐	☐	☐
_____	User 10	☐	☐	☐	☐
_____	User 11	☐	☐	☐	☐
_____	User 12	☐	☐	☐	☐
_____	User 13	☐	☐	☐	☐
_____	User 14	☐	☐	☐	☐
_____	User 15	☐	☐	☐	☐
_____	User 16	☐	☐	☐	☐
_____	User 17	☐	☐	☐	☐
_____	User 18	☐	☐	☐	☐
_____	User 19	☐	☐	☐	☐
_____	User 20	☐	☐	☐	☐
_____	User 21	☐	☐	☐	☐
_____	User 22	☐	☐	☐	☐
_____	User 23	☐	☐	☐	☐
_____	User 24	☐	☐	☐	☐
_____	User 25	☐	☐	☐	☐

ACCESS CODES

☐ 4 digit ☐ 6 digit

Name	Code	Arming Priority			
		Regular	Stay/A	Away/B	Byp
_____	User 26	☐	☐	☐	☐
_____	User 27	☐	☐	☐	☐
_____	User 28	☐	☐	☐	☐
_____	User 29	☐	☐	☐	☐
_____	User 30	☐	☐	☐	☐
_____	User 31	☐	☐	☐	☐
_____	User 32	☐	☐	☐	☐
_____	User 33	☐	☐	☐	☐
_____	User 34	☐	☐	☐	☐
_____	User 35	☐	☐	☐	☐
_____	User 36	☐	☐	☐	☐
_____	User 37	☐	☐	☐	☐
_____	User 38	☐	☐	☐	☐
_____	User 39	☐	☐	☐	☐
_____	User 40	☐	☐	☐	☐
_____	User 41	☐	☐	☐	☐
_____	User 42	☐	☐	☐	☐
_____	User 43	☐	☐	☐	☐
_____	User 44	☐	☐	☐	☐
_____	User 45	☐	☐	☐	☐
_____	User 46	☐	☐	☐	☐
_____	User 47	☐	☐	☐	☐
_____	User 48	☐	☐	☐	☐

NOTE: FOR SECURITY REASONS, WRITE ONLY USER NAMES, AND NOT ACTUAL ACCESS CODES!

SPECIAL KEYS AND FUNCTIONS

☐ Key **[10]** Regular arming is activated.

☐ Key **[STAY/11]** Stay arming is activated (Arms system A only, when partitioning is enabled)

[1] and **[3]*** Police or _____ ☐ Silent ☐ Audible ☐ Not Used

[4] and **[6]*** Auxiliary or _____ ☐ Silent ☐ Audible ☐ Not Used

[7] and **[9]*** Fire or _____ ☐ Silent ☐ Audible ☐ Not Used

* Both keys must be depressed at the same time for 2 seconds - Armed LED will flash.

The **PGM** (Programmable Output) functions (if applicable), are:
1)_____, activated by _____
2)_____, activated by _____

SYSTEM TIMES

Entering and exiting your premises is permitted through doors that you and your installer have determined. You have one exit time and up to two individual entry times i.e. Zone 1-*Front door delay 1 (30 sec)*, Zone 7-*Garage door delay 2 (90 sec)*

You have _____ seconds to **EXIT** your premises.
Your Entry **delay 1** is ____ sec. and you may enter thru zone # _____.
Your Entry **delay 2** is ____ sec. and you may enter thru zone # _____.
Your Siren, if activated by an alarm, will sound for _____ minutes.

OTHER INFORMATION

This alarm system was installed on: _____ By: _____
Service is provided by _____ Tel: _____
Your monitoring station's phone number is: _____
Your account number is: _____
Your alarm transformer location is _____ and is on circuit #___.

WARRANTY

The Seller warrants its products to be free from defects in materials and workmanship under normal use for a period of one year. Except as specifically stated herein, all express or implied warranties whatsoever, statutory or otherwise, including without limitation, any implied warranty of merchantability and fitness for a particular purpose, are expressly excluded. Because Seller does not install or connect the products and because the products may be used in conjunction with products not manufactured by Seller. Seller cannot guarantee the performance of the security system. Seller obligation and liability under this warranty is expressly limited to repairing or replacing, at Seller's option, any product not meeting the specifications. In no event shall the Seller be liable to the buyer or any other person for any loss or damages whether direct or indirect or consequential or incidental, including without limitation, any damages for lost profits stolen goods, or claims by any other party, caused by defective goods or otherwise arising from the improper, incorrect or otherwise faulty installation or use of the merchandise sold.

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