DIGIPLEX™

PARADOX

for DGP-848 systems

48-Zone LED Keypad

User Manual

DGP2-648BL

PARADOX®

SECURITY SYSTEMS

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1.0 Introduction

Your security system uses advanced technology which will provide you with reliable security protection and powerful features that are easy to use.

Since you will communicate your instructions to the system through your keypad, please read this manual carefully and have your installer explain basic system operation.

1.1 Legend

= Indicates a warning.

= Indicates a note or reminder.

[NUMBER] = Indicates information that must be entered on the keypad.

Action = Indicates visual feedback displayed on the keypad.

2.0 Basic Operation

The system communicates by illuminating the “AC” light, the “Status” light and the various lights on the screen as shown in Figure 1.

Figure 1: Keypad Overview

Area Lights: (A1, A2, A3 and A4)
ON = Area armed
OFF = Area disarmed
FLASH = Area in alarm

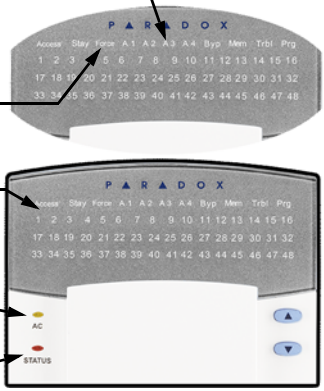
Action Lights: (Access, Stay, Force, Mem, Trbl and Prg)
Lights will illuminate according to the status of the system.

Numerical Lights: (Zones)
ON = Zone is open
OFF = Zone is closed (OK)
FLASHES = Zone / fire loop

“AC” Light:
ON = AC Power (OK)
OFF = Power failure

“Status” Light:
When green:
ON = All zones closed
OFF = Zone(s) open
FLASH = Exit Delay in progress

When red:
ON = All areas armed
OFF = Area disarmed
FLASH = Areas in alarm



Keypad will display the status of all its assigned areas.

[ENTER] Saves current data and exits current menu.
[CLEAR] Erases current data entry or reverts to the preceding step.

2.1 Auditory Feedback (Beep Tones)

When you enter information on your keypad, it will guide you with beep tones to communicate acceptance or rejection of your entries.

Confirmation Beep: When an operation (i.e. arming/disarming) is successfully entered or when the system switches to a new status/ menu, your keypad will emit intermittent beep tones ("BEEP-BEEP-BEEP-BEEP-BEEP").

Half Beep: When a step of an operation is successfully entered on the keypad, it will emit short intermittent beep tones ("BEEP-BEEP-BEEP").

Rejection Beep: When reverting to a previous status, or when an operation is incorrectly entered, your keypad will emit a continuous beep ("BEEEEEEEEP").

2.2 Keypad Indicator Lights

For this keypad, the state of the "Status", "AC", and "Action" lights (see Figure 1 on page 2) represent a specific condition in your system.

2.2.1 Normal Mode

If no actions are being performed on your keypad, it will remain in Normal Mode. In Normal Mode the keypad will illuminate:

- The "AC" light if power is present.
- The numerical lights representing any open or tampered zones.
- The area lights if any areas are armed.
- The *MEM* action light if any alarms have occurred.
- The *TRBL* action light if any troubles are occurring.

2.2.2 Confidential Mode

The installer can program your keypad not to display the status of your system by changing the keypad from Normal Mode to Confidential Mode. This occurs when your keypad has been inactive for a period of time defined by your installer. In Confidential Mode all the indicator lights will turn off. Depending on how your keypad was programmed by your installer, you must either press a key or enter your User Access Code to activate Normal Mode.

2.2.3 Multiple-action

If your installer has enabled this feature, your keypad will permit you to complete more than one action without having to reenter your User Access Code. Press the **[CLEAR]** key to exit the User Menu.

2.2.4 Illumination

You can adjust the illumination behind the keys to suit your needs.

How do I adjust the illumination level?

1) Enter your **[ACCESS CODE]**. Your keypad will emit a Confirmation Beep. The *ACCESS* action light will flash.
2) Press the **[6]** key. Your keypad will emit a Confirmation Beep, the *Prg* action light will illuminate and the numerical light for the current setting will illuminate.
3) Use the **[▲]** and **[▼]** keys to increase or decrease the illumination. The range is between numerical light *1* to *8* (1 being the lowest and 8, the brightest).
4) Press the **[ENTER]** key to save and exit.

3.0 Partitioned System

Your installer can set your keypad to recognize separate protected areas. A separated system is called a partitioned system, which can be useful in situations where shared security systems are more practical. For example, a company that has both an office and a warehouse area, can arm and disarm each area separately while controlling access to each area. Therefore, one person may have access to only one area, whereas another person may have access to all areas. Access to the areas is determined by the User Access Code.

3.1 Area Display

The Area Status Display enables you to see the status of the individual areas within a partitioned system (see section 3.0). Depending upon which system you have, your installer can partition the system into separate areas. Your keypad can be programmed to display up to four areas. These areas are indicated as area lights A1 to A4.

How do I see the status of the areas?

1) Enter your **[ACCESS CODE]**.

2) Press the **[AREAS]** button (the **[1]** button).

3) Press the key corresponding to the area you want to view. Open zones assigned to the area will illuminate and display their status (Figure 1 on page 2). If your installer has enabled Multiple-action, you will be able to check the status of several areas without re-entering your **[ACCESS CODE]**. See "Multiple-action" on page 4.

4) Press the **[CLEAR]** key to exit.

Your keypad will emit a Confirmation Beep and remain in that area's status for two minutes then return to Normal or Confidential Mode. You can perform the next desired action from Area Status Display.

In Area Status Display, the following will illuminate for the area selected:

- The area lights (A1, A2, A3, and A4) if the associated area is armed. For example, if you have selected area 3 and it is currently armed, A3 will illuminate.
- The numerical light(s) representing any open zone(s) in a corresponding area or areas.
- The *MEM* action light if any alarms have occurred.
- The *TRBL* action light if any troubles are occurring.
- The *STAY* action light if the area is Stay or Instant Armed.
- The *FORCE* action light if the area is Force Armed.
- The *BYP* action light if zones are bypassed.

4.0 Zones

Zones are protected spaces within an area, which are monitored by the alarm system. Zones can be protected by devices such as magnetic door contacts and motion detectors.

4.1 Zone Display

The numerical lights display the status of the individual zones within a partitioned system. Your keypad can display up to 48 zones which are displayed on numerical lights 1 to 48.

5.0 Arming

When the system is armed, it will respond to any breach in the zones according to the way each zone is programmed. For example, if someone opens a window that is armed, the system can trigger an alarm and alert your security company.

5.1 Exit Delay Timer

Arming the system will start the Exit Delay Timer. This will provide enough time for you to exit the protected area before the system arms. The Status light will flash green while the time elapses. The timer can be assigned different time limits and the keypad can be programmed to beep while the time elapses on the timer.

5.2 Regular Arming

This method is used for everyday arming of the system. All zones within the protected area must be closed to arm the system. To check the status of the zones in each area, refer to Area Display on page 5.

How do I Regular Arm the system?

1) Enter your **[ACCESS CODE]**. Your keypad will emit a Confirmation Beep. The *ACCESS* action light will flash.
2) Press the **[ARM]** key. If you have access to more than one area, press the number key representing the area you want to arm or press the **[0]** key for all assigned areas. After the Confirmation Beep, the Exit Delay Timer will begin.

Use One-Touch keys (see section 5.6) or a keyswitch to arm the area (see section 5.7).

5.3 Stay Arming

Stay Arming will partially arm your system to permit you to remain in the protected area. For example, you can arm your doors and windows at home without arming the motion detectors so you will be protected while you sleep. Only User Access Codes with the Stay and Instant Arm option enabled can Stay Arm the system.

How do I Stay Arm?

1) Enter your **[ACCESS CODE]**.

2) Press the **[STAY]** key.
   If you have access to more than one area, press the area's number, then press the **[0]** key. The *STAY* LED and the selected area LED will illuminate.

Use One-Touch keys (see section 5.6) or a keyswitch to arm the area (see section 5.7).

5.4 Instant Arming

This feature is similar to Stay Arming. Instant Arming will partially arm your system to permit you to remain in the protected area, but all zones, including the entry/exit points, are changed to Instant Alarm Zones. Therefore, if any armed zone is breached, the alarm will instantly be triggered. Only User Access Codes with the Stay and Instant Arm option enabled will be able to Instant Arm.

Use One-Touch keys (see section 5.6) or a keyswitch (see section 5.7) to arm the area.

How do I Instant Arm?

1) Enter your **[ACCESS CODE]**. Your keypad will emit a Confirmation Beep. The *ACCESS* action light will flash.
2) Press the **[5]** key.

If you have access to more than one area, press the number key representing the area you want to Instant Arm or the **[0]** key for all assigned areas. After the Confirmation Beep, the Exit Delay Timer will begin the countdown to arming.

5.5 Force Arming

Force Arming allows you to arm your system when specific zones are open. Your installer can program certain zones to remain unarmed when you initiate Force Arming. Once the open zone is closed, however, the system will then arm it as well. Only User Access Codes with the Force Arm option enabled can Force Arm the system.

This feature is commonly used when a motion detector is protecting an area occupied by a keypad. During Force Arming, the motion detector will remain unarmed (will be ignored) until you exit the area that it protects. The system will then arm the motion detector.

How do I Force Arm?

1) Enter your **[ACCESS CODE]**.

2) Press the **[FORCE]** key.
   If you have access to more than one area, press the area's number, press the **[0]** button for all areas. The *Force* LED and the selected area LED will illuminate.

You may use the One-Touch keys (see section 5.6) or a keyswitch (see section 5.7) to arm the area. Ask your installer for details.

5.6 One-Touch Keys

Your installer can program your system to respond to certain features with the touch of a key. You will then access these features without using your User Access Code by pressing and holding the desired key. To do so, press and hold the following keys.

- The **[ARM]** key to Regular Arm an area.
- The **[DISARM]** key to disarm a Stay/Instant armed area.
- The **[STAY]** key to Stay Arm an area.
- The **[FORCE]** key to Force Arm an area.
- The **[BYP]** key to access Bypass Programming.
- The **[5]** key to Instant Arm an area.
- The **[6]** key to modify the backlight.

For more information concerning these features, please refer to their respective sections.

5.7 Keyswitch Arming

Your installer can add a keyswitch to arm and disarm your system. Your installer can program the keyswitch to arm in Regular, Stay, Force or Instant mode. In addition, the keyswitch can act as a Maintained or Momentary keyswitch.

5.7.1 Maintained Keyswitch

To arm the system, place in the “ON” position.
To disarm the system, place in the “OFF” position.

5.7.2 Momentary keyswitch

To arm the system, place it in the “ON” position briefly then place it back in the “OFF” position. Repeating this process will disarm the system.

5.8 Auto-Arming

You can program one or more areas to arm automatically. Ask your installer for details.

5.8.1 Timed Auto-Arming

You can set the time that an area will arm itself automatically.

How do I set the Auto-Arming timer?

1) Enter your **[ACCESS CODE]**. Your keypad will emit a Confirmation Beep and the *ACCESS* action light will flash.

2) Press the **[0]** key. Your keypad will emit a Confirmation Beep, and the *PRG* action light and area light(s) will flash.

3) Press the **[MEM]** key. The *PRG* action light will flash and the *MEM* action light will illuminate (see note on page 15).

4) Enter the time that you want the area to arm. Set the time according to the 24-hour clock (i.e. 9 a.m. is 09:00 and 9 p.m. is 21:00).

The *MEM* action light will flash if a time is not already programmed. The *PRG* action light, the area light of the chosen area, and the first number of the previous time set will illuminate (*10* light = zero).

5) Press the **[ENTER]** key to save and exit.

If you have access to more than one area, the symbol(s) corresponding to the area(s) for which you have access will illuminate in sequence. Press the number key representing the area you want to arm. To view the time set, instead of entering the time in Step 4, the first number of the time you set will illuminate. Press the **[▲]** key to illuminate the numbers one at a time (numerical light 10 represents zero).

5.8.2 No Movement Auto-Arming

Your system can send a report to the security company and/or arm the system if there is no activity in the area during a specified period of time. Speak to your installer about this feature.

5.9 Bypass Programming

The installer can program certain zones with the bypass option. This will enable you to program the system to bypass certain zones when you arm the protected area. When a zone is bypassed, it will be ignored the next time you arm the system. If for example, you are renovating part of a protected area you can bypass some of its zones. The system will keep the bypassed zone(s) in memory until the area is armed. Once the area is disarmed, the system will unbypass the zones.

To Bypass a Zone:

- Your installer must program the selected zone(s) to have the Bypass feature enabled.
- Program your User Access Code to include the Bypass option.
- Ensure that your User Access Code can access the zone's area assignment.

Fire Zones cannot be bypassed.

How do I bypass a zone?

1) Enter your **[ACCESS CODE]**. Your keypad will emit a Confirmation Beep and the *ACCESS* action light will flash.

2) Press the **[BYP]** key. The *PRG* action light will illuminate and the *BYP* action light will flash.

3) Enter the two-digit number(s) of the zone(s) you want to bypass and the corresponding number(s) will illuminate. If a zone's number is illuminated and you reenter its number, the zone will unbypass and the number will extinguish.

If a zone's number does not illuminate and your keypad emits a Rejection Beep, the zone may not have the Bypass feature accessible.

4) Press the **[ENTER]** key to save and exit. The *BYP* action light will remain illuminated to indicate that zones are bypassed.

5.9.1 Bypass Recall

The Bypass Recall feature enables you to bypass the same zones that were bypassed previously at the touch of a key.

How do I activate Bypass Recall?

1) Enter your **[ACCESS CODE]**. Your keypad will emit Confirmation Beep and the *ACCESS* action light will flash.

2) Press the **[BYP]** key. Your keypad will emit a Confirmation Beep and the *PRG* action light will illuminate. The *BYP* action light will also flash.

3) Press the **[MEM]** key. All zones (numerical lights) bypassed during the last time the system was armed will illuminate and will be bypassed.

4) If you wish, reenter the zone's number to change a bypassed zone to an unbypassed zone and vice versa.

5) Press the **[ENTER]** key to exit.

6.0 Disarming

When the system is disarmed, the system deactivates the zones so the alarm will not be triggered if zones are breached. Any user can disarm the system unless their code has been assigned the Arm Only option.

24hr. zones/Fire Zones are always active (enabled), therefore will always generate an alarm if triggered.

6.1 Entry Delay Timer

Based on your instructions the installer will program designated entry points, such as the front door or the garage door, with an entry delay. This delay will allow you enough time to enter your code to disarm the system before the alarm is triggered.

6.2 Disarming an Armed System

You will only be able to disarm the area to which your User Access Code is assigned. User Access Codes with the Arm Only option will not be able to disarm the system.

How do I disarm the system?

1) Enter your **[ACCESS CODE]**.
2) Press the **[DISARM]** button. If you have access to more than one area, select the area(s) you wish to disarm.

Use One-Touch keys (see section 5.6) or a keyswitch (see section 5.7) to disarm the area.

How do I disarm a system in alarm?

1) Enter your **[ACCESS CODE]**.
2) Call your security company quickly to advise them of the alarm.

In case of a burglar alarm, leave the premises and call your security company from a safe place.

6.3 Alarm Memory Display

Your system will record all the alarms which occurred during the last armed period. If an alarm was triggered in any area assigned to your keypad, the *MEM* action light will illuminate.

How do I view a list of alarms that occurred?
When the *MEM* action light is illuminated:

1) Press the **[MEM]** key. The *MEM* action light will flash and the numerical light(s) for each zone whose alarm was triggered will illuminate.
2) Press the **[CLEAR]** key to exit the Alarm Memory Display. The *MEM* action light and numerical light(s) will turn off.

The zones that were in alarm will remain in the Alarm Memory until the next time that area is armed.

7.0 Access Codes

Access Codes are codes that will allow you and others to access the system. These codes can be programmed to permit access to all or some features and areas. The installer will program User Access Codes to be four digits, six digits, or variable from one to six digits in length. Each digit can be any value between zero and nine. If the installer programmed your system to accept a variable code length, you may have to press the **[ENTER]** key after entering your User Access Code. Only the System Master Code cannot be less than 4 digits.

7.1 System Master Code

Default: (1234 / 123456)
The System Master Code will give you access to all the features as well as the ability to add, modify, or delete any User Access Codes. We suggest that you change this code to prevent others from accessing and changing your options without authorization.

How do I change the system master code?

1) Enter the **[SYSTEM MASTER CODE]**. Your keypad will emit a Confirmation Beep and the *ACCESS* light will flash.
2) Press the **[0]** key. Your keypad will emit a Confirmation Beep. The area light(s) and the *PRG* action light will flash.
3) Press the **[ACC]** key. Your keypad will emit a Confirmation Beep. The area light(s) and the *ACCESS* action light will illuminate. The *PRG* action light will flash.
4) Enter numbers **[0]** and **[1]**. Your keypad will emit a Confirmation Beep. The *PRG* action light and the numerical light of the first number in the code will illuminate (10 = zero). The area light(s) and *ACCESS* action light will turn off.

5) Enter a **[NEW CODE]**. The numerical lights for the next numbers in the code will illuminate one at a time as you enter the new code. When you have entered the maximum number of digits, Your keypad will emit a Confirmation Beep.

6) Press the **[ENTER]** key to save and exit.

7.2 User Access Codes

On a DGP-848 system, this keypad can support up to 96 User Access Codes using two-digit code values (02 to 96). Code 01 is a **System Master Code**.

You cannot program access control options with this keypad.

User Access Codes can be programmed with various options, which will allow you to control the access to your system. Only the System Master Code and codes with the Master feature can program User Access Codes with their User Options and Area Assignment.

How do I program a user access code?

1) Enter your **[SYSTEM MASTER CODE]** or **[ACCESS CODE]** with Master feature.

2) Press the **[0]** key to enter the User Programming Menu. The area lights of areas assigned to your User Access Code and the *PRG* action light will flash.

3) Press the **[ACC]** key. The area lights of the areas assigned to your User Access Code and the *ACCESS* action light will illuminate. The *PRG* action light will continue to flash.

4) Enter the 2-digit User Number (02 to 96) you wish to program. The *ACCESS* action light will flash for an unused code. If the code is used, *PRG* action light and the first number of the code will illuminate. The *ACCESS* action and area light will turn off.

5) Enter a User Code. If you do not want to change an existing one, press the **[▲]** key until you reach User Options. Your keypad will emit a Half Beep when it switches to User Options. Pre-existing options will illuminate.

6) Program the User Options (Table 1 on page 19) by turning the options “ON” or “OFF”. Once the options are programmed, press the **[▲]** key to reach the Area Assignment. Your keypad will emit a Half Beep when it switches to Area Assignment. Pre-existing assignments will illuminate.

7) Program the Area Assignment (Table 2 on page 22). Press the **[▼]** key to return to User Options or press **[ENTER]** to save and exit. Your keypad will emit a Confirmation Beep to confirm the code’s acceptance.

If your keypad emits a Rejection Beep, you may have chosen an existing User Code or the Master Code used to modify or create the code does not have access to the User Options or Area Assignment programmed.

To view the programmed code, instead of entering the User Code in Step 5, the first number of the code programmed will illuminate. Press the **[▲]** key and the numbers will illuminate one at a time as you press the key (numerical light 10 represents zero).

Table 1: User Options

Options on the User Access Codes that activate access to features.

Press option ON/OFF		Option Description
[1]	**[2]**	**Master Feature**
OFF	OFF (default)	Master feature disabled.
ON	OFF	Master feature enabled. Modifies User Code only.
ON	ON	Full Master feature enabled. Create or modify other User Codes, User Options, and Area Assignment according to its own User Options and Area Assignment.
[3]		**Duress Feature**
OFF (default)		Duress feature disabled.
ON		Duress feature enabled. Sends a silent alarm to the security company when you enter your code. For use when someone forces you to disarm areas.
[4]		**Bypass Feature**
OFF		Bypass feature disabled.
ON (default)		Bypass feature enabled. Can deactivate zones using the bypass programming feature.
[5]		**Arm Only**
OFF (default)		Arm only feature disabled.
ON		Arm only enabled. Can arm assigned areas, but **CANNOT** disarm.

Press option ON/OFF	Option Description
[6]	**Stay and Instant Arm**
OFF (default)	Stay and Instant Arm feature disabled.
ON	Stay and Instant Arm feature enabled. Can Stay or Instant Arm the system.
[7]	**Force Arm Feature**
OFF (default)	Force Arm feature disabled.
ON	Force Arm feature enabled.
[8]	**Area Access**
OFF (default)	User Access Code obeys the keypad's area assignment in a partitioned system. When you enter your user code, your keypad will permit access only to areas it controls. This feature applies to both options.
ON	When option **[8]** is **ON**, the keypad will permit access to all the areas assigned to the User Access Code. When option **[8]** is **OFF**, the keypad will only permit access to the areas it controls. This option is active but not functional on the DGP2-648BL keypad.

7.3 Area Assignment

In a partitioned system the system can be divided into distinct protected areas. Programming access to a specific area or areas is called Area Assignment. User Access Codes are only able to perform actions (arming, disarming, etc.) in the area(s) the code is

assigned. When entering User Programming, the Area LEDs will illuminate to show you which areas you have access to. When you begin programming, the numerical LEDs 1 to 4 will illuminate and correspond to areas assigned to LEDs A1 to A4 respectively.

Table 2: Area Assignment

Press Key ON/OFF	Area Assignment
[1] ON (default)	Access to Area 1
[2] ON	Access to Area 2
[3] ON	Access to Area 3
[4] ON	Access to Area 4
All keys OFF	Controls PGMs only (if PGMs are programmed by the installer).

In Table 1 and Table 2 the User Code Option or Area is considered “ON” when the corresponding numerical light is illuminated. You turn the numerical lights “ON” and “OFF” by pressing the numerical keys on your keypad. When the area's number is “OFF”, the User Access Code does not have access to that protected area.

7.4 Erasing Access Codes

To delete existing Access Codes, press the **[CLEAR]** key in steps 5, 6, and 7 in on page 18. Once the information is erased, press the **[ENTER]** key to save and exit.

7.5 Keypad Lock-Out

If a consecutive number of invalid codes are entered on your keypad, the installer can program the system to lock out access from the keypad for a specified period of time.

8.0 Trouble Display

When your system experiences problems or is tampered with, the *TRBL* action light will illuminate. Most of the trouble conditions will be programmed by your installer to be reported directly to your security company (if connected). Your keypad will only display troubles, which occur in the area(s) to which the keypad has been assigned.

Potential troubles have been sorted into eight groups. Five of these trouble groups are listed on page 24, each with a brief explanation. Contact your security company in the event of an un-listed trouble.

We strongly suggest that you inform your security company of the trouble and allow them to service your system.

How do I View the Trouble Display?

1) The *TRBL* action light illuminates.

2) Press the **[TRBL]** key. The *TRBL* action light will flash and the numerical light(s) representing group heading number(s) will illuminate.

3) Press the numerical key corresponding to the Group heading to view the specific trouble.

If your keypad is in Confidential Mode, the *Trbl* action light will not illuminate until you enter your User Access Code or press a key depending on how your keypad was programmed.

8.0.1 Group [1]: System

Trouble [1]: AC Failure

This means that your system is running on the backup battery. The AC light on your keypad will be turned off during a power failure. If this trouble occurs when your establishment is not experiencing a power failure, call your security company for repairs.

Trouble [2]: Battery Trouble

This means the backup battery is disconnected or needs to be recharged or replaced.

Trouble [3]: AUX Current Limit

Devices connected to the system have exceeded current limits. The auxiliary output will shutdown until the troubled has been rectified.

Trouble [4]: Bell Current Limit

The bell of siren connected to the system has exceeded current limits. The bell/siren output will shutdown until the trouble is rectified.

Trouble [5]: Bell Absent

The system has detected that the bell or siren is not connected.

8.0.2 Group [2]: Communicator

Trouble [1]: TLM1

The control panel is unable to access the main telephone line.

Troubles [2]-[5]: Fail to Communicate

The control panel tried all assigned telephone numbers and failed to contact the Monitoring Company.

Trouble [6]: Fail to Communicate PC

The control panel is unable to communicate with the WinLoad software.

8.0.3 Group [5]: Zone Tamper

The numerical LEDs for the zone or zones that have been tampered with will be illuminated.

8.0.4 Group [6]: Zone Low Battery

If a wireless device's battery needs to be replaced, the numerical symbols for the zone that it is assigned to will be illuminated. Also, the yellow light on the device will flash to indicate this trouble.

8.0.5 Group [7]: Zone Fault

A smoke detector is experiencing a wiring problem, needs to be cleaned or a wireless device is no longer communicating with its receiver.

8.0.6 Group [8]: Clock Loss

The time and date have been reset to the default. This is the only trouble that we recommend that you correct.

How do I set the time within the trouble menu?

1) Press the **[8]** key.
2) Enter the hour and minutes according to the 24-hour clock (i.e. 9AM is 09:00 and 9PM is 21:00).
3) Enter the correct date according to yyyy/mm/dd.
4) Press **[CLEAR]**.

9.0 Additional Features

9.1 Programmable Outputs (PGMs)

Your system includes two or more programmable outputs (PGMs), which can be programmed by your installer. A PGM triggers when a predetermined event or series of events occurs in your system. The PGMs can be programmed to reset smoke alarms, turn on light switches, open or close garage doors and much more. Ask your installer about this useful feature.

9.2 Panic Alarms

Your system can be programmed to send an alarm to your security company to alert them that you require emergency assistance when you press a pre determined combination of number keys on your keypad. The three Panic Alarms can be programmed to request help from the police, a medical facility, the fire department, or anyone you wish. Ask your installer about programming these features in your system.

Emergency Panic

When you press the **[1]** and **[3]** keys at the same time and hold them for two seconds, the system will generate an alarm. The alarm can be programmed to be either silent or audible according to your preference.

Auxiliary Panic

When you press the **[4]** and **[6]** keys at the same time and hold them for two seconds, the system will generate an alarm. The alarm can be programmed to be either silent or audible according to your preference.

Fire Panic

When you press the **[7]** and **[9]** keys at the same time and hold them for two seconds, the system will generate an alarm. The alarm can

be programmed to be either silent or audible according to your preference.

9.3 Programming Chime Zones

You can program your keypad to emit a rapid, intermittent beep whenever designated zones are opened or only when opened between certain hours. These zones are referred to as Chime Zones. If you have several keypads, they must each be programmed separately. Your installer can program your chimed zones to also beep upon closure.

9.3.1 Activating a Chime Zone

How do I program my keypad to beep every time a zone opens?

1) Enter your **[ACCESS CODE]**. Your keypad will emit a Confirmation Beep. The *ACCESS* action light will flash.
2) Press the **[9]** key to enter the Chiming Menu. Your keypad will emit a Confirmation Beep. The *PRG* action light and area light(s) will flash.
3) Press the **[1]** key. Your keypad will emit a Confirmation Beep. The *PRG* action light and any already chimed zones will illuminate.
4) Enter the two-digit zone number(s) you want to designate as chimed. Your keypad will emit a Confirmation Beep and the numerical light(s) corresponding to the zone(s) will illuminate. If you reenter the number of an illuminated numerical light, the corresponding zone will unchime and the numerical light will turn off.
5) Press the **[CLEAR]** key to exit.

9.3.2 Setting a Chime Zone Time Period

How do I program all the keypad's Chimed Zones to beep only when they open between specific hours?

1) Enter your **[ACCESS CODE]**. Your keypad will emit a Confirmation Beep. The *ACCESS* action light will flash.

2) Press the **[9]** key to enter the Chiming Menu. Your keypad will emit a Confirmation Beep. The *PRG* action light and area action light(s) will flash.

3) Press the **[2]** key. Your keypad will emit a Confirmation Beep. The *PRG* action light and a numerical light will illuminate. The numerical light represents the first number of the previously set time (numerical light 10 = zero). When the *A2* and *A3* area lights flash, this means that no time value has been set and the default setting (00:00 to 00:00) is unchanged.

4) Enter the time you want all chimed zones to **start** beeping when they open according to the 24-hour clock (i.e. 9 a.m. is 09:00 and 9 p.m. is 21:00). Your keypad will emit a half beep.

5) Enter the time you want all chimed zones to **stop** beeping when they open according to the 24-hour clock. If you want the chimed zones to beep every time they open, enter the same time set in Step 4. Your keypad will emit a Confirmation Beep.

6) Press the **[CLEAR]** key to exit.

9.4 Programming the Time

How do I program the time?

1) Enter your **[ACCESS CODE]**.
2) Press the **[TRBL]** key.
3) Press the **[8]** key.
4) Enter the hour and minutes according to the 24-hour clock (i.e. 9AM is 09:00 and 9PM is 21:00).
5) Enter the correct date according to yyyy/mm/dd.
6) Press **[CLEAR]**.

10.0 Quick Function Keys

You will only need to use the Quick Function keys upon your installer or security company's request. Only the System Master Code or User Access Codes with the Master feature enabled will be able to access these functions.

How do I Access the Quick Function keys?

1) Enter your **[SYSTEM MASTER CODE]** or **[ACCESS CODE]** with Master feature.

2) Press the **[0]** key.

3) Press one of the following for the system to:

[STAY] key: send a test report to the security company.
[FORCE] key: call the security company's diagnostic software.
[ARM] key: answer the security company's diagnostic software.
[DISARM] key: cancel the communication with the security company.

11.0 Fire and Burglar Alarms

11.1 Standard Fire Zone

During a fire alarm, the bell/siren will emit an intermittent sound (BEEP-BEEP-BEEP) until silenced or reset. If the zone is a standard Fire Zone, the system can immediately send an alert to your security company.

How do I disarm the system if it was accidentally triggered?

1) Enter your **[ACCESS CODE]**.

2) Call your security company quickly to advise them of the false alarm.

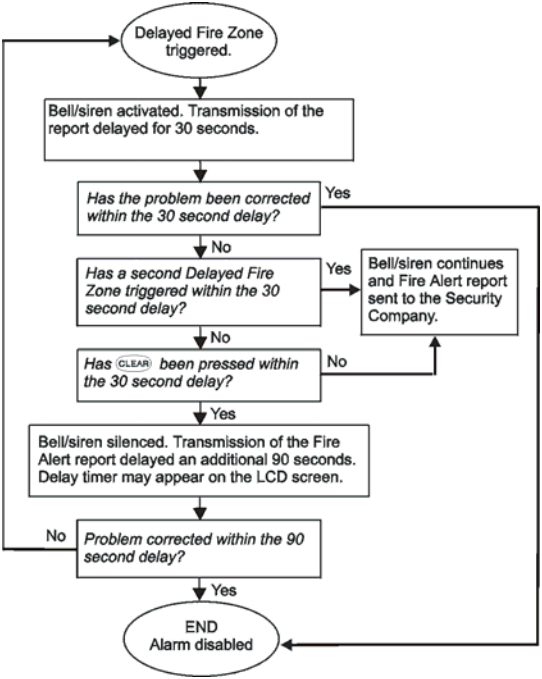
The Fire Zone may reset itself once the problem has cleared. If it does not, simultaneously press and hold the [CLEAR] and [ENTER] keys for two seconds or speak to your installer.

11.2 Delayed Fire Zone

During a delayed fire alarm, the bell/siren will emit an intermittent sound (BEEP-BEEP-BEEP) until silenced or reset. If the zone is a delayed Fire Zone, there is an automatic delay before the system contacts the security company (see Figure 2 on page 37). This will prevent unnecessary reporting of false alarms.

If you are unable to cancel the fire alarm, the system will send an alert (if connected). Call your security company to advise them of the false alarm.

Figure 2: Delayed Fire Zone



What do I do if the fire alarm is set off accidentally?

1) Press the **[CLEAR]** key within 30 seconds of the alarm.

2) Clear the problem from the area.

3) If problem remains, the alarm will sound again. Press the **[CLEAR]** key again. These steps will instruct the system to delay reporting the alert to the security company.

The Fire Zone may reset itself once the smoke has cleared. If it does not, simultaneously press and hold the [CLEAR] and [ENTER] keys for two seconds or speak to your installer.

11.3 Fire Safety Tips

During a fire, time is the biggest enemy and every second counts! What should you do to prepare in case of a fire in your home or business?

1) Remind everyone to escape first, then call for help.
2) Develop a fire escape plan and designate a meeting place outside.
3) Practice the escape plan frequently.
4) Plan two ways to escape from every room, if possible.
5) Practice feeling the way out with eyes closed.
6) Remind everyone **never** to stand up during a fire, always crawl low under the smoke and keep mouths covered.
7) Instruct everyone never to return to a burning building for any reason.
8) Check smoke alarms regularly.

11.4 Minimizing Home Fire Hazards

How can you avoid the four most common causes of fires at home?

1) Never leave cooking food unattended. Cooking fires often result from unattended cooking and human error, rather than mechanical failure.
2) Stay alert when smoking. Careless smoking is the leading cause of fire deaths. Smoke detectors and smolder-resistant bedding and upholstered furniture are significant fire deterrents.
3) Maintain your heating system. Heating is the second leading cause of residential fires. However, heating fires are a larger problem in single family homes than in apartments. Unlike apartments, the heating systems in single family homes are often not professionally maintained.
4) Since fires produce smoke and deadly gases that can overcome occupants while they sleep, smoke detectors should be installed outside each separate sleeping area in the immediate vicinity of the bedrooms and on each additional story of the family living unit, including basements.

11.5 Burglar Alarm

If your armed system is breached, the burglar alarm devices specific to your system will be triggered. If your keypad is in Normal Mode:

- The Status light and area lights of the area in alarm may flash red.
- The keypad may beep.
- The *MEM* action light will illuminate.
- The bell or siren may be activated.
- The zones in alarm will be recorded in the Alarm Memory Display.

In case of a burglar alarm, leave the premises and call your security company from a safe place.

12.0 Testing and Maintenance

12.1 Burglar Alarm Testing

This test requires two people. One person will watch the keypad while the other person walks around and opens the zones (i.e. open the doors and windows that are protected). The numerical lights for the opened zones will illuminate when opened (or breached). If a zone does not register, contact your installer. Use Area Status Display to view the open zones in other areas assigned to your keypad. Your installer will provide details on the best way to test your particular system.

12.2 Fire Alarm Testing

Do **NOT** use an open flame or burning materials to test your fire detection devices. Your installer will provide details on the best way to test your particular system.

12.3 System Maintenance

Under normal use your system requires virtually no maintenance other than regular testing. Your installer should change the battery every three years.

12.4 System Test

Speak to your installer before conducting a system test since the system must be programmed to respond to the test instructions. We recommend that you conduct the system test once a week. Contact your installer for instructions concerning your particular system.

How do I conduct the system test?

1) Call the security company to advise them that you are testing the system.
2) Enter your **[ACCESS CODE]**.
3) Press the **[8]** key. The system will test all its connections and can send a report to your security company. If the system detects a problem, the *TRBL* action light will illuminate (see section 8.0 on page 23). Call your installer for repairs.

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