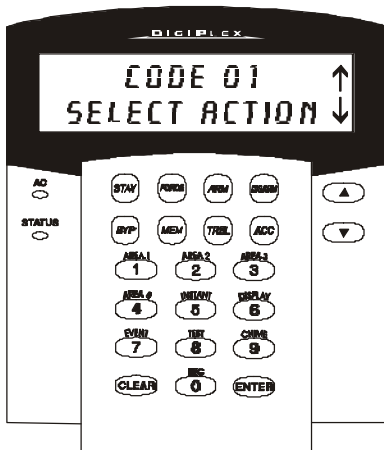


DIGI PLEX™



LCD Keypad & Access Control LCD Keypad



DGP-641 / DGP-641ACC

User's Manual

P ▲ R ▲ D O X®
SECURITY SYSTEMS

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1.0 INTRODUCTION

Your Security System is an advanced technology security system that will provide you with reliable security protection and powerful features that are easy to use. The elegant and user-friendly LCD Keypad will allow you easy access to your security system's functions and information at the touch of a button. The 32-character LCD screen will display messages and menus to guide you through the system's operations. Your installer can even customize the messages for your home or business.

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

1.1 LEGEND



Indicates a warning or an important note.



Indicates useful information or tip.

[WORD]

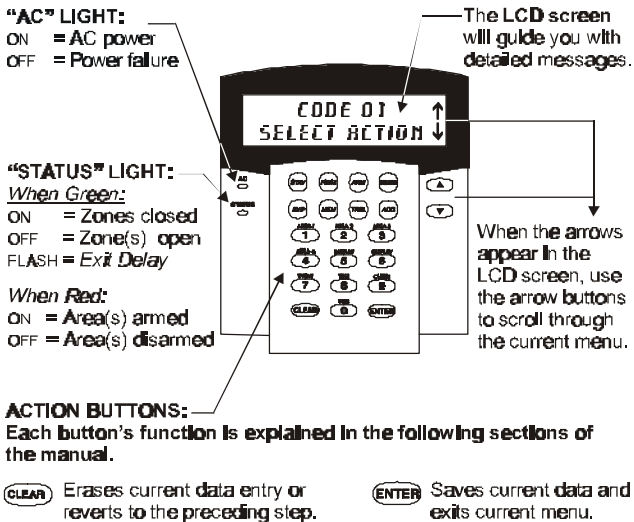
[NUMBER] Indicates information that must be entered on the keypad.

Italics Indicates references to features, options or sections.

2.0 BASIC OPERATION

The following sections will introduce you to the roles of the buttons, the lights, and messages on your LCD Keypad.

Figure 2-1: Basic Overview



2.1 AUDITORY FEEDBACK (BEEP TONES)

When you enter information on the keypad, the keypad 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/mode, the keypad emits an intermittent beep tone (“BEEP-BEEP-BEEP-BEEP”).

Rejection Beep: When the system reverts to previous status, or when an operation is incorrectly entered, the keypad emits a tone (“BEEEEEEEEEEEP”).

2.2 CONFIDENTIAL MODE

The installer can program keypads not to display the status of your system automatically by changing the LCD screen to Confidential Mode. In Confidential Mode:

- The zones and status messages will NOT be displayed
- The *Indicator Lights* will not illuminate
- Depending on how your keypad was programmed by the installer, you must either press a button or enter your *User Access Code* to illuminate the *Indicator Lights* and activate *Normal Mode*.

2.3 PARTITIONED SYSTEM

Your installer can design your system to recognize up to four 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 area and a warehouse area can arm and disarm each area separately and control the access to each area.

2.4 AREA STATUS DISPLAY

In Area Status Display you will be able to see the status of the areas in a *Partitioned System* (see section 2.3) for the area(s) the keypad is assigned.

How do I see the status of the zones?

1) Enter [ACCESS CODE] then press the button corresponding to the area:

AREA 1
1

= Area 1

AREA 3
3

= Area 3

AREA 2
2

= Area 2

AREA 4
4

= Area 4

2) Press **CLEAR** to exit.

In Area Status Display the following will scroll on the LCD screen:

- “ready” if all zones in the selected area are closed
- “not ready” if zones in the selected area are open
- open zones within that area
- “Trouble(s)” (see section 7.0) if a trouble has occurred
- “Alarms in Memory” (see section 4.3) if an alarm has occurred

3.0 ARMING

When the system is armed, the alarm system will respond to any breach in the zones according to the zone's programming.



If enabled by the installer, the One-Touch Buttons (section 3.6) or a keyswitch (section 3.7) can also be used to arm the area.

3.1 EXIT DELAY TIMER

When you arm the system, it will start the Exit Delay Timer to provide you with enough time to exit the protected area before the system is armed.





3.2 REGULAR ARMING

This method is used for the everyday arming of the system. All zones within the protected area must be closed to arm the system.

How do I Regular Arm the system?

1) Enter your [ACCESS CODE].

2) Press the  button.

If you have access to more than one area, press the area's number, press the  button for all areas, or use the  and  buttons and press  when the area you want to arm appears.





3.3 STAY ARMING

Stay Arming will partially arm your system to permit you to remain in your home or office. Stay Arming will arm the outer zones (perimeter) of the protected area (i.e. doors and windows).

How do I Stay Arm?

1) Enter your [ACCESS CODE].

2) Press  button.

If you have access to more than one area, press the area's number, press the  button for all areas, or use the  and  buttons and press  when the area you want to Stay Arm appears.





3.4 INSTANT ARMING

This feature is the same as Stay Arming except that the Entry Delay is cancelled. Therefore, any armed zone that is breached will immediately generate an alarm.

How do I Instant Arm?

1) Enter your [ACCESS CODE].

2) Press the  button.


If you have access to more than one area, press the area's number, press the  button for all areas, or use the  and  buttons and press  when the area you want to Instant arm appears.





3.5 FORCE ARMING

Force Arming allows you to quickly arm your system when zones are open. Once the open zone is closed, however, the system will then arm it as well.

How do I Force Arm?

1) Enter your [ACCESS CODE].

2) Press the  button.

If you have access to more than one area, press the area's number, press the  button for all areas, or use the  and  buttons and press  when the area you want to Force Arm appears.

3.6 ONE-TOUCH BUTTONS

If enabled by your installer, you can have access to the following features without using your *User Access Code* by pressing and holding the desired button.



To **Regular Arm**



To **Instant Arm**



To **Stay Arm**



To **change keypad settings**



To **Force Arm**



To **view Event Record Display**



For **Bypass Programming**



To **Disarm a Stay or Instant armed area**

3.7 KEYSWITCH ARMING

A key or hidden button can be used to arm and disarm your system.

3.7.1 Maintained Keyswitch

To arm the system, place in the “on” position.

To disarm the system, place in the “off” position.

3.7.2 Momentary Keyswitch

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

3.8 AUTO-ARMING

3.8.1 Timed Auto-Arming




If enabled, 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].

2) Press the  button.

3) Press the  button.

If you have access to more than one area, press the area's number or use the  and  buttons and press the  button when the area you want to program appears on screen.

- 4) Enter the **[TIME]** you want the area to be armed according to the 24-hour clock (i.e. 9 a.m. is 09:00 and 9 p.m. is 21:00).
- 5) Press the  button to save and exit.

3.8.2 No Movement Auto-Arming

Your system can be programmed to 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.

3.9 BYPASS PROGRAMMING

You can bypass certain zones when you arm the protected area. When a zone is bypassed, it will be ignored next time the system is armed. Once the area is disarmed, the system will unbypass the zones.

Bypass Conditions. To bypass a zone:

- The zone must have the Bypass option programmed by the installer.
- Your *User Access Code* must be programmed to enable the Bypass option.
- Your *User Access Code* must have access to the zone's *Area Assignment*



Fire Zones cannot be bypassed.

How do I bypass a zone?

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

- 2) Press the **BYP** button.
- 3) Enter the zone number or use the **▲** and **▼** buttons and press **BYP** once the zone you want to bypass appears. *If "zone bypassed" does not appear on the screen and the keypad emits the Rejection Beep, one or more of the bypass conditions explained above may not have been met.*
- 4) Press the **ENTER** button to exit.

3.9.1 Bypass Recall

Bypass Recall reinstates all the zones that were bypassed the last time the system was armed.

How do I activate Bypass Recall?

- 1) Enter your **[ACCESS CODE]**.
- 2) Press the **BYP** button.
- 3) Press the **MEM** button.
Zones bypassed during the last time the system was armed are bypassed.
- 4) Press the **ENTER** button to exit.

4.0 DISARMING

When the system is disarmed, the alarm system deactivates the zones so the alarm will not be triggered if zones are breached.

4.1 ENTRY DELAY TIMER

Your installer will program designated entry points (i.e. the front 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.



4.2 DISARMING AN ARMED SYSTEM

You can only disarm the area to which your *User Access Code* is assigned. *User Access Codes* with the *Arm Only* option cannot disarm area(s).

How do I disarm the system?

1) Enter your [ACCESS CODE].

2) Press the  button.

If you have access to more than one area, press the area's number, press the  button for all areas, or scroll and press  when the area you want to disarm appears.

How do I disarm an accidentally triggered system?

1) Enter your [ACCESS CODE].

- 2) Call your Security Company quickly to advise them of the false alarm.

4.3 ALARM MEMORY DISPLAY



Your system will record all the alarms that occurred during the last armed period.



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

How do I view the list of the alarms that occurred?


When an alarm has occurred, the LCD screen will display “Alarms in Memory [MEM] to View”.

- 1) Press the  button.
Each zone whose alarm was triggered will appear below “Alarm in:”.
- 2) Press the  button to exit the Alarm Memory Display.



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



5.0 ACCESS CODES

Access Codes allow access to the system. Your system supports up to 95 User Access Codes. Codes are given a User Number between 02 and 96 (User Number 01 is the System Master Code). 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  button after entering your User Access Code.

5.1 SYSTEM MASTER CODE (Default 123456)

The System Master Code will give you access to all the features available on your system 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. The System Master Code cannot be less than 6 digits in length.

How do I change the System Master Code?

- 1) Enter the current **[SYSTEM MASTER CODE]** (default: 123456).
- 2) Press the  button.
- 3) Press the  button.
- 4) Enter the numbers **[0]** and **[1]**.
- 5) Enter a **[NEW CODE]**.

6) Press the  button to exit.



The System Master Code has access to all Access Control Doors and all Access Control features at all times. Only the card's serial number and the choice of arming method can be changed. If the other options are manually changed, the System Master Code will immediately revert to its original programming.

5.2 PROGRAMMING USER ACCESS CODES

The *System Master Code* and codes with the *Master* feature can program User Access Codes with their User Options and Area Assignment. Figure 5-2 describes the steps you would follow to program user access codes.

If the keypad emits a Rejection Beep once you have completed all the steps, 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.

You grant users access to the features or areas by turning ON or OFF the number corresponding to the option or area. The option is considered ON when the number appears within the brackets. You turn options ON and OFF by pressing the number buttons on the keypad (see example Figure 5-1).

Figure 5-1: Example of Activating Options

001 USER OPTIONS
[*****] ↑

All options are OFF. The user does not have access to the options. Press the  button.



001 USER OPTIONS
[***4***] ↑

Option 4 is ON. The user now has access to option 4. Press the  button again.

001 USER OPTIONS
[*****] ↑

Option 4 is now OFF. The user no longer has access to option 4.

5.3 ERASING ACCESS CODES

To delete existing Access Codes, follow the directions in Figure 5-2 on page 25, but press the  button in Steps 5, 6, and 7. Once the information is erased, press the  button to save and exit.

5.4 USER OPTIONS

Options on the User Access Codes that activate access to features. Refer to step 6 of Figure 5-2 on page 25 to see on how you would set a user access code's user options.

Option [1] and [2]: Master Feature

- When option [1] is OFF, the Master Feature is disabled.
- When option [1] is ON and option [2] is OFF, the user can only modify user access codes.
- When both options [1] and [2] are ON, the user has Full Master rights. The user can create or modify other user access codes, user options and Area assignment according to its own User Options and Area Assignment.

Option [3]: Duress Feature

When option [3] is ON, the Duress feature is enabled. The User can arm, disarm, and send a silent alarm to the Security Alarm Company. This feature is used when someone forces you to arm or disarm areas.

Option [4]: Bypass Feature

When option [4] is ON, the Bypass feature is enabled. This feature allows you to deactivate zones.

Option [5]: Arm Only Feature

When option [5] is ON, the Arm Only feature is enabled. The user can only arm assigned areas, but **CANNOT** disarm.

Option [6]: Stay & Instant Arm Feature

When option [6] is ON, the Stay and Instant Arm features are enabled. The user can now Stay or Instant Arm their assigned areas.

Option [7]: Force Arm Feature

When option [7] is ON, the Force arm feature is enabled. The user can now Force arm their assigned areas.





Option [8]: Area Access Feature

When option [8] is ON, the keypad will permit access to all the areas assigned to the user access code regardless of which areas the keypad controls. When option [8] is OFF, the keypad will only permit access to the areas it controls.

5.5 AREA ASSIGNMENT

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. Refer to step 7 of Figure 5-2 on page 25 to see how to assign area(s) to a user access code.

Press button on/off	Area Assignment
 on	Access to Area 1
 on	Access to Area 2
 on	Access to Area 3
 on	Access to Area 4
All four buttons off	Controls PGMs only (if PGMs are programmed by the installer).

5.6 ACCESS CONTROL OPTIONS

5.6.1 Access Level

Users will only be allowed access to the doors assigned in the Access Level programmed on their User Access Codes. Each Access Level is a combination of the Access Control doors. In the first set of brackets, enter the desired two-digit Access Level from 00 to 15. Access to all Access Control Doors is Access Level 00. Refer to step 8 of Figure 5-2 on page 25 to see how to assign an access level to a user access code.

5.6.2 Schedule

Schedules determine the hours, days, and holidays that users are permitted through Access Control Doors. Specific holidays are also programmed by the installer. Each user is assigned a

Schedule through the User Access Code. In the second set of brackets, enter the desired two-digit Schedule from 00 to 15. To have access at all times, program Schedule 00. Refer to step 8 of Figure 5-2 on page 25 to see how to assign a schedule to a user access code.

5.6.3 Access Control User Options

Once the Level & Schedule screen is programmed, the LCD screen will display the Access Control User Options screen. Refer to step 9 of Figure 5-2 on page 25 to see how to set the access control user options of a user access code.

Option [1]: Activating Card

When the option is ON, the Access Control Card is activated and can be used when the Access Control is enabled in the system. When the option is OFF, the User Access Code can be used with the alarm system, but cannot use the Access Control features.

Option [2]: Disarming with Card

When the option is ON, the Access Control Card can disarm and unlock an armed Access Control Door (see section 6.3.2).

Option [3]: Card with Extended Unlocked Period

When the option is ON, "Extended Unlocked Period" (see section 6.1.1) is enabled on the card.

Options [4], [5], [6], and [7]: Arming with Card

When option [4] is turned ON, the Access Control Card will be able to arm areas (see section 6.3).

Regular Arming with Access Control Card

Turn option **[4] ON** and options [5], [6], & [7] OFF.

The Access Control Card can Regular Arm area(s).

Stay Arming with Access Control Card

Turn options **[4] and [5] ON** and options [6] and [7] OFF.
The Access Control Card can Stay Arm the area(s).

Instant Arming with Access Control Card

Turn options **[4] and [6] ON** and options [5] and [7] OFF.
The Access Control Card can Instant Arm the area(s).

Force Arming with Access Control Card

Turn options **[4] and [7] ON** and options [5] and [6] OFF.
The Access Control Card can Force Arm the area(s).

Option [8]: Access to Armed Access Control Doors

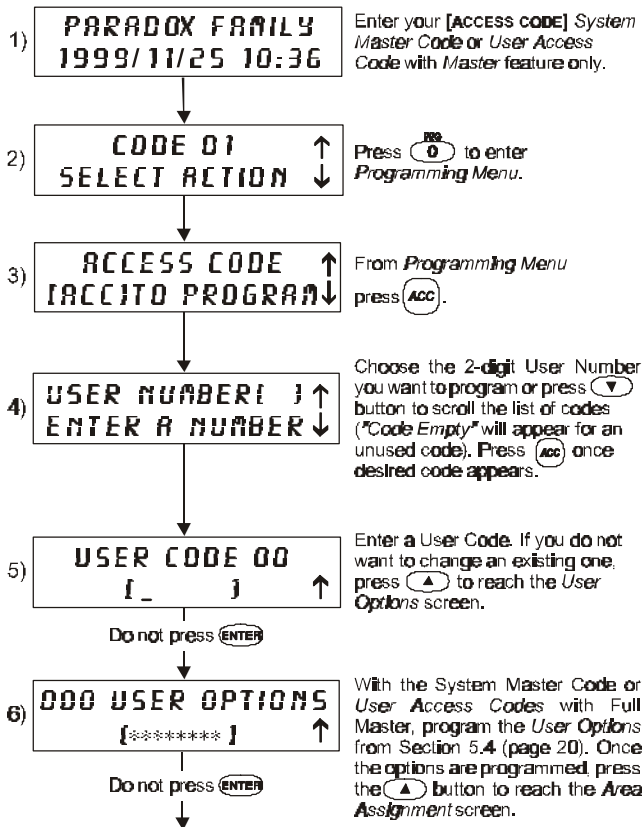
When option [8] is turned ON, the Access Control Card can be used to open an armed Access Control Door. When a valid Access Control Card is presented to a reader that is assigned to a zone and the zone is armed, access will be granted and the Entry Delay will begin. When this option is enabled, extra security is provided since a user **must** enter a User Access Code to disarm the area. For User Access Codes assigned with the “Arm Only” User Option, option [8] should remain off since they cannot disarm the partition(s).

For this feature to function properly, Option [2] “Disarm with Access Control Card” on the User Access Code must be disabled (see section 5.6.3).

5.6.4 Card Assignment

The Access Control Card is activated by assigning its serial number to the User Access Code. Refer to step 10 of Figure 5-2 on page 25 to see how to activate an Access Control Card.

Figure 5-2: Programming User Access Codes



7) **000 ASSIGN AREA**
[*****] ↓

With the System Master Code or User Access Codes with Full Master, program Area Assignment from section 5.5 (page 21). Once the area(s) are programmed, press **▼** to return to the User Options or press **ENTER** to save and exit.

Proceed with Steps 8 to 10 only if Access Control has been enabled.

8) **001 LEVEL+SCHED**
{01} {01} ↑↓

Enter the 2-digit Access Level in the first brackets and the 2-digit Schedule in the second brackets.

9) **001 ACCESS OPTION**
[*****] ↑↓

Program the Access Control User Options from Table 3. Once the options are programmed, press **▲**.

10) **001 ACCESS CARD**
{000:00000}

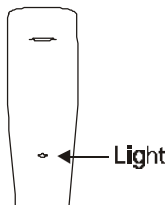
Enter the Access Control Card's serial number or present the card to the keypad's reader. Press **ENTER** to save and exit.

6.0 USING ACCESS CONTROL

6.1 ENTERING & EXITING

Depending on how your system is installed, there are various ways to enter and exit through the Access Control Doors:

- 1) Present your Access Control Card to the reader. The system will verify that the card is allowed access according to its assigned Access Level and Schedule. If it is accepted, the system will unlock the door. The reader's light can be programmed by the installer to turn green or extinguish briefly to indicate that the door can be opened.



- 2) When the motion detector detects movement (Request for Exit event), it will unlock the door to permit passage with or without turning the handle depending on its programming.
- 3) Enter your User Access Code on the keypad and press **ACC**.
- 4) If the Access Control Door is on a "Door Unlocked Schedule", you may be able to open Access Control Doors without using a User Access Code or an Access Control Card. Depending on the door's programming, the door can remain unlocked during the entire programmed schedule or the door can unlock once a valid Access Control Card is presented to the reader during the schedule and then will remain unlocked for the remainder of the schedule.

6.1.1 Door Unlocked Period and Extension

Each Access Control Door is programmed with a “Door Unlocked Period” and a “Door Unlocked Period Extension”. The “Door Unlocked Period” is the time the door will remain unlocked after access is granted. The “Door Unlocked Period Extension” is the amount of time that is added when “Card with Extended Unlocked Period” is enabled (see section 5.6.3).

6.2 ACCESS ALARMS

Access Alarms can be audible or silent. They will appear in the Event Record Display, but **may not be reported** to the Security Company. There are two types of Access Alarms, the “Door Left Open” alarm and the “Door Forced Open” alarm. For information on the access alarms refer to “GLOSSARY” on page 54.

6.3 ARMING AND DISARMING

6.3.1 Arming with Card

An Access Control Card can be programmed to arm area(s) assigned to the door when a it is presented to the reader twice within approximately 5 seconds without opening the door.

The Access Control card must be:

- presented during its assigned Schedule
- presented within its assigned Access Level
- programmed to allow arming (see section 5.6.3)
- assigned to all areas that are assigned to the Access Control door. For example, if the door is assigned to areas 1 and 4, an Access Control card assigned to area 4 will not work.

6.3.2 Disarming with Card

To disarm and unlock an Access Control Door when the area assigned to it is armed, present your Access Control Card to the reader.

The Access Control card must be:

- presented during its assigned Schedule
- presented within its assigned Access Level
- programmed to allow disarming (see section 5.6.3)
- assigned to all areas that are assigned to the Access Control door. For example, if the door is assigned to areas 1 and 2 and both are armed, an Access Control Card only assigned to area 1 will not be able to unlock the door and disarm the areas.

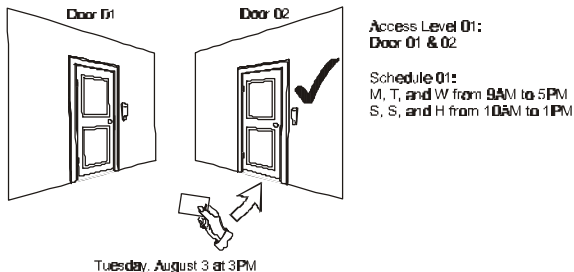
6.4 HOW ACCESS CONTROL WORKS

To illustrate how Access Control functions, we will use a simple Access Control system:

- two Access Control Doors
- two Access Levels: Level 01 = Door 01 and Door 02 and Level 02 = Door 01
- one schedule with access permitted on Monday, Tuesday, and Wednesday between 9AM and 5PM and Saturday, Sunday, and Holidays (January 1) between 10AM and 1PM
- one user (named Bonnie) with an Access Control Card

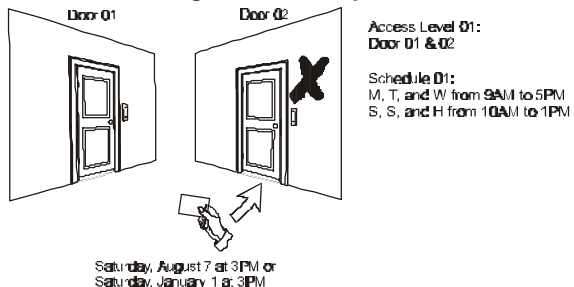
Example A: Bonnie's Access Control card is programmed with Access Level 01 and Schedule 01 so if she presents her card to the reader on Door 02 on Tuesday, August 3 at 3PM, she will be able to gain access to the room (see Figure 6-1 on page 30).

Figure 6-1: Example A



Example B: If she presents her card to Door 02 on Saturday or on a holiday at 3PM, she will be denied access since her Schedule allows access between 10AM and 1PM on Saturdays and holidays (see Figure 6-2 below).

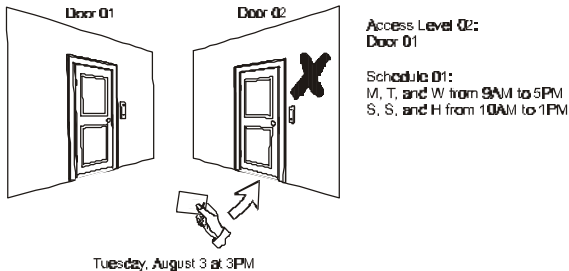
Figure 6-2: Example B



Example C: If we change her Access Level to Level 02 and she presents her card to the reader on Door 02 on Tuesday, August 3 at 3PM, she will be denied access this time since she is only

allowed access to Door 01 (see Figure 6-3 below).




Figure 6-3: Example C



7.0 TROUBLE DISPLAY

If your system is tampered with or experiences problems, the Trouble Display will appear on the LCD screen. A keypad will only display troubles that occur in the area(s) to which it has been assigned. Potential troubles have been sorted into eight groups. Only the troubles which are relevant to you are listed and described below. If a trouble that is not described or listed below appears, call your Security Company and inform them of the trouble.

How do I view the Trouble Display?

- 1) When in normal mode and “*Trouble(s) [TRBL] to View*” appears on the LCD screen. Press the  button. The Group heading will appear with the particular trouble causing the problem.
- 2) Use the  and  buttons to view the specific trouble.



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

7.0.1 Group 1: System

AC Failure

The control panel has detected a power failure. This means that your system is running on the back up battery. If this trouble occurs when your establishment is not experiencing a power failure, call your Security Company for repairs.

Battery Trouble

The back-up battery is disconnected, needs to be recharged, or replaced.

Bell Absent

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

7.0.2 Group 5: Zone Tamper

The zone or zones that were tampered with will be displayed on the LCD screen.


7.0.3 Group 6: Zone Low Battery

If a wireless device's battery needs to be replaced, the zone that it is assigned to will be displayed on the LCD screen.


7.0.4 Group 7: Zone Fault

A wireless device is no longer communicating with its receiver or a Fire Loop connection trouble is occurring.

7.0.5 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. “Clock Loss [8] to Set” will appear on the LCD screen after you press the  button. Refer to “Set Time & Date” on page 37 to reset the time and date.



To correct the date and time from *Normal Mode*, enter your [ACCESS CODE], press the  button, then follow the instructions below.

7.1 EVENT RECORD DISPLAY

The Event Record Display will record the user-initiated actions that occurred in your system as well as any alarms or troubles.







You will only be able to view the events that occurred in the areas assigned to your *User Access Code*.



How do I view the Event Record?

1) Enter your [ACCESS CODE].

2) Press the  button.

If you have access to more than one area, press the area's number, press the  button for all areas, or use the  and  buttons and press  when the area you want to arm appears.

3) Press the  button to exit.

Once you have entered the Event Record Display, you can change the order that the Event Record screens appear by pressing the  button. If you already know the number of the event you want to view, press the  button and then enter the event's number.

8.0 ADDITIONAL FEATURES

8.1 PROGRAMMABLE OUTPUTS (PGMs)

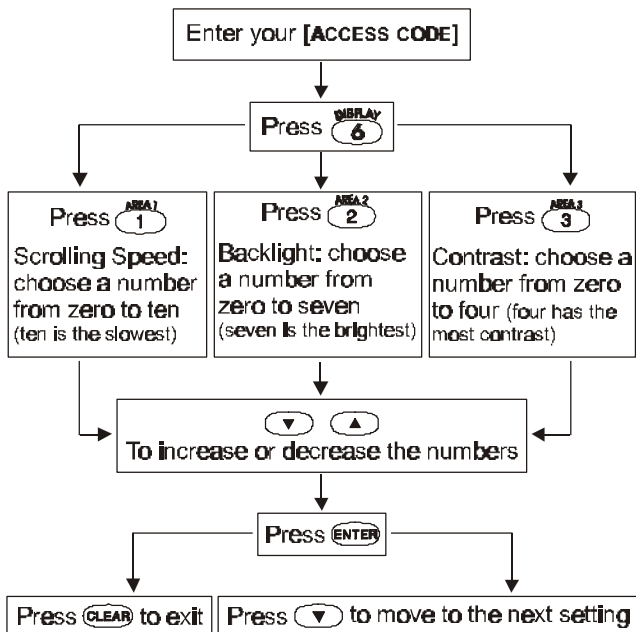
Your system includes five programmable outputs (PGMs) that can be programmed by your installer. A PGM triggers when a predetermined event or series of events occurs in your system. The PGMs can be programmed to reset smoke alarms, turn on light switches, open or close garage doors and much more. Ask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

8.2 KEYPAD SETTINGS

You can modify the keypad settings to suit your needs (see Figure 8-1).

- 1) Scrolling Speed is how long the messages stay on the screen before moving to the next message.
- 2) Backlight refers to the illumination behind the buttons and LCD screen.
- 3) Contrast refers to how dark or pale characters on the screen will appear.





Figure 8-1: Modifying LCD screen settings



8.3 SET TIME & DATE

If the wrong time and /or date are displayed on the *Normal Mode* screen, you can reset them.

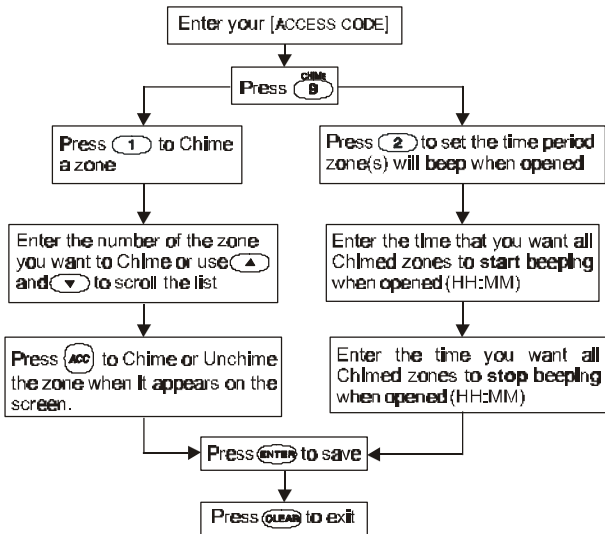
How do I reset the time and date?

- 1) Enter your [ACCESS CODE] and press the  button
- 2) Press the  button.
- 3) To change the time, place the underline under the number you want to change by using the  button and enter the hour and minutes according to a 24-hour clock (i.e. 9 a.m. is 09:00 and 9 p.m. is 21:00).
- 4) To change the date, place the underline under the number you want to change and enter the correct date according to year/month/day.
- 5) Press the  button to exit.

8.4 PROGRAMMING CHIME ZONES

You can program the keypads 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. Your installer can program your Chimed zones to also beep upon closure.







Figure 8-2: Programming Chime Zones



8.5 PANIC ALARMS

Your system can be programmed to send an alarm to your Security Company to request help from the police, a medical facility, the fire department, or anyone you wish when you press a pre-determined combination of buttons. To generate a panic alarm press and hold the button combinations listed below simultaneously to generate the desired panic alarm. Your installer can program the alarm to be silent or audible.


Table 1: Panic Alarms

Panic Alarm Types	Buttons to be pressed and held simultaneously
Emergency Panic	Press & hold the  and  buttons
Auxiliary Panic	Press & hold the  and  buttons
Fire Panic	Press & hold the  and  buttons

8.6 QUICK FUNCTION BUTTONS

You will only need to use the Quick Function Buttons 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 Buttons?

- 1) Enter your [ACCESS CODE]
- 2) Press the  button.

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



button: **send** a test report to the Security Company



button: **call** the diagnostic software.



button: **answer** the diagnostic software.



button: **cancel** communication with the diagnostic software.

9.0 TESTING AND MAINTENANCE

9.1 BURGLAR ALARM TESTING

Two people are needed to complete this test. One person will watch the LCD screen on the keypad while the other person walks around the protected area and open the zones (i.e. open the doors and window that are protected, walk in the path of the motion detectors, etc.). The LCD screen will display the opened zones. If a zone does not register, contact your installer. Your installer will provide details on the best way to test your system.

9.2 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 system.

9.3 SYSTEM MAINTENANCE


Under normal use your system requires no maintenance other than regular testing. We recommend that your installer change the battery every three years.

9.4 SYSTEM TEST

Speak to your installer before conducting a system test since the system must be programmed to respond to the test instructions. It is normally recommended that you conduct the system test

once a week, but contact your installer for instructions concerning your particular system.

How do I conduct the system test?

- 1) Call Security Company to advise them that you are testing the system.
- 2) Enter your **[ACCESS CODE]**.
- 3) Press the  button.

The system will test all its connections and can send a report to your Security Company. If the system detects a problem, the *Trouble Display* will show on the LCD screen (see section 7.0). Call your installer for repairs.

10.0 FIRE AND BURGLAR ALARMS



10.1 STANDARD FIRE ZONE

During a fire alarm, the bell/siren emits 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 a false alarm?

- 1) Enter your [ACCESS CODE] on the keypad.
- 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  and  buttons for two seconds.

10.2 DELAYED FIRE ZONE

If the zone is a Delayed Fire Zone, there is an automatic delay before the system contacts the Security Company (see Figure 8-1). This will prevent unnecessary reporting of false alarms.



If you are unable to cancel the fire alarm, the system will send an alert. Call your Security Company to advise them of the false alarm.

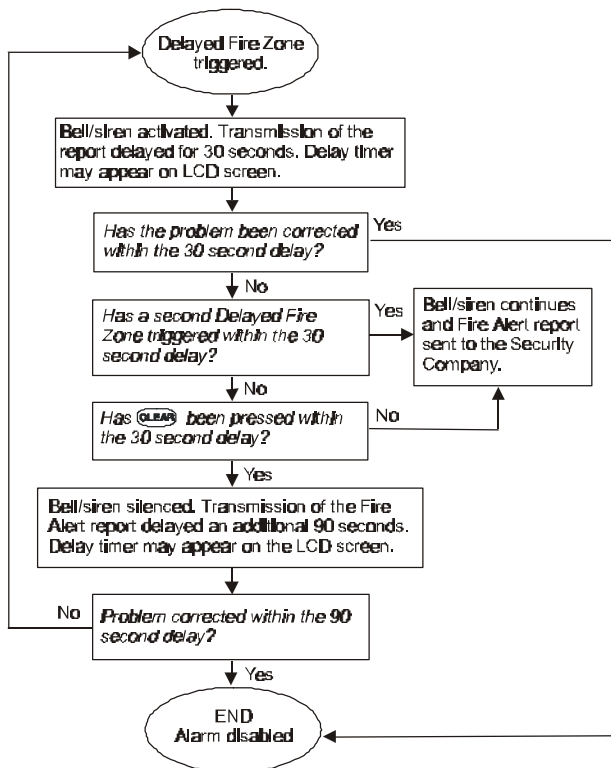
What do I do if the fire alarm is accidentally triggered?

- 1) Press the **CLEAR** button within 30 seconds of the alarm.
- 2) Clear the problem from the area.
- 3) If problem remains after 90 seconds, the alarm will sound again. Press **CLEAR** again.
The system will delay reporting the alert for another 30 seconds.



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

Figure 10-1: Delayed Fire Zone



10.3 FIRE SAFETY TIPS

How should you 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) Tell everyone **never** to stand up during a fire, always crawl under the smoke and keep mouths covered.
- 7) Instruct everyone never to return to a burning building for any reason; it may cost them their life.
- 8) Check smoke alarms regularly; working smoke alarms dramatically increase everyone's chances of surviving a fire.

10.4 MINIMIZING HOME FIRE HAZARDS

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

- 1) Never leave cooking food unattended. It's also the leading cause of fire injuries. 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.

10.5 HOME FIRE WARNING SYSTEM

Household fires are especially dangerous at night. Fires produce smoke and deadly gases that can overcome occupants while they sleep. To warn against fire, 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.

10.6 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* may flash red
- “*In Alarm*” will appear on LCD screen.
- Bell or siren may be activated



In case of a burglar alarm, leave the premises and call the police station from a safe place.

11.0 SYSTEM CHECKLIST

11.1 ZONE DESCRIPTION

Is this a Partitioned System? Yes No

Area 1 = _____

Area 2 = _____

Area 3 = _____

Area 4 = _____

Place a ✓ indicate the options and area(s) enabled for that zone (if any).

Zone # and Description	Area				Zone # and Description	Area			
	1	2	3	4		1	2	3	4
01:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	08:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
02:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	09:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
03:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
06:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
07:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Zone # and Description	Area				Zone # and Description	Area			
	1	2	3	4		1	2	3	4
15:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	33:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	34:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	35:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	36:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	37:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	38:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	40:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	41:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	42:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	43:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	45:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	46:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	47:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Entry Delay:

Area 1 is _____ seconds

Area 2 is _____ seconds

Area 3 is _____ seconds

Area 4 is _____ seconds

Exit Delay:

Area 1 is _____ seconds

Area 2 is _____ seconds









Area 3 is _____ seconds

Area 4 is _____ seconds

11.2 SPECIAL BUTTONS AND FEATURES







One-Touch Buttons:

Place a ✓ if the One-Touch Button is activated.

- | | |
|--|---|
| <input type="checkbox"/>  Stay Arm | <input type="checkbox"/>  Bypass Programming |
| <input type="checkbox"/>  Force Arm | <input type="checkbox"/>  Instant Arm |
| <input type="checkbox"/>  Regular Arm | <input checked="" type="checkbox"/>  Keypad Settings |
| <input type="checkbox"/>  Disarm Stay/Instant Arm | <input type="checkbox"/>  Event Record Display |

Panic Alarms:

Place a ✓ if the Panic Button is activated and if alarm is silent or audible.

- | | | |
|---|---------------------------------|----------------------------------|
| <input type="checkbox"/>  &  Emergency or _____ | <input type="checkbox"/> Silent | <input type="checkbox"/> Audible |
| <input type="checkbox"/>  &  Auxiliary or _____ | <input type="checkbox"/> Silent | <input type="checkbox"/> Audible |
| <input type="checkbox"/>  &  Fire or _____ | <input type="checkbox"/> Silent | <input type="checkbox"/> Audible |

11.3 USER ACCESS CODE LIST

User Name	Area(s)	Card's Serial #	User Name	Area(s)	Card's Serial #
01:			18:		
02:			19:		
03:			20:		
04:			21:		
05:			22:		
06:			23:		
07:			24:		
08:			25:		
09:			26:		
10:			27:		
11:			28:		
12:			29:		
13:			30:		
14:			31:		
15:			32:		
16:			33:		
17:			34:		

User Name	Area(s)	Card's Serial #	User Name	Area(s)	Card's Serial #
35:			54:		
36:			55:		
37:			56:		
38:			57:		
39:			58:		
40:			59:		
41:			60:		
42:			61:		
43:			62:		
44:			63:		
45:			64:		
46:			65:		
47:			66:		
48:			67:		
49:			68:		
50:			69:		
51:			70:		
52:			71:		
53:			72:		

User Name	Area(s)	Card's Serial #	User Name	Area(s)	Card's Serial #
73:			92:		
74:			93:		
75:			94:		
76:			95:		
77:			96:		
78:					
79:					
80:					
81:					
82:					
83:					
84:					
85:					
86:					
87:					
88:					
89:					
90:					
91:					

12.0 GLOSSARY

- Access Alarm:** An audible or silent warning generated by the reader to indicate that a protected door has not closed within the programmed time allowed or that a protected door was opened without an “Access Granted” or “Request for Exit” signal. If the Access Alarm is programmed to be audible, the reader assigned to the door can beep. This event is logged in the Event Record Display, but can only be seen through an Access Control Keypad.
- Access Control:** A system designed to monitor and control the admission through specific doors.
- Access Control Card:** A tag assigned to a User Access Code allows access when presented to a reader.
- Access Denied:** An Access Control term for the system’s refusal to admit access through a protected door.
- Access Granted:** An Access Control term for the system permitting admission through a protected door.
- Access Level:** The combination of Access Control Doors that will be assigned to users through their User Access Codes. Users will only be permitted to enter through the protected doors that are programmed in their Access Level.
- Burglar Alarm:** An audible or silent warning sent to the control panel indicating that an armed zone in the Alarm System has been breached. This event is logged in the Event Record Display and can be reported to a Monitoring Station.

- Door Left Open:** Each Access Control door is programmed with a period of time it is allowed to remain open. Once the door has been open past this time limit, an Access Alarm will be triggered.
- Event Record Display:** The user-initiated actions, alarms, and troubles that occur in the system are saved in the control panel's memory. The Access Control events, however, can only be viewed through an Access Control Keypad. See the *LCD Keypad User's Manual* for details.
- Forced Door:** If a protected door was opened without an "Access Granted" or "Request for Exit" signal a silent or audible Access Alarm can be triggered. If the Access Alarm is programmed to be audible, the reader assigned to the door can beep. This event is logged in the Event Record Display, but can only be seen through an Access Control keypad and cannot be reported to a Monitoring Station unless the door is also assigned to a zone. If the door is assigned to a zone, the Forced Door can also trigger a Burglar Alarm in the Alarm System.
- Holidays:** Days programmed in the Schedule that are not considered normal work days, such as legal, religious, and feast days.
- Pre-Alarm:** A beep tone warning that an Access Alarm will be generated if a protected door is not closed within a specified period.
- Reader:** An Access Control device (Posiprox CR-R880) normally located near a protected door that sends a signal to unlock the door to permit a user to enter

the protected area when a valid Access Control Card is presented to it.

Request for Exit:When a motion detector (Paradoor 460) installed above an Access Control Door detects movement, it sends a signal to unlock the door to permit a user to leave the protected area. This signal is a “Request for Exit” event that is logged in the Event Record Display, but can only be seen through an Access Control Keypad and cannot be reported to a Monitoring Station.

Schedule: Schedules determine the hours, days, and holidays that users are permitted access.

Valid Access Control Card: An Access Control card presented to a reader during its assigned Schedule and within its assigned Access Level.

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 indicated otherwise). 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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