REGENCY

Model 4720 Commercial Security System

User's Manual

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Section 1.
Introduction

Congratulations! You have just purchased a Regency 4000 Series Security System; one of the most sophisticated and flexible commercial security systems available today.

The electronic heart of your security system is the Model 4720 Control Communication panel. It has a stand-by back-up battery to prevent system shutdown during power failures. Typically, you will not have to open the control panel cabinet once it is installed.

Your security system can monitor up to 80 separate zones, using different types of sensors (door contact switches, motion and smoke detectors, and so on). Everyday system control is accomplished through touchpads.

Touchpads are normally installed in main office areas and building entries. Programmable in thousands of different combinations, they allow you to quickly and conveniently arm and disarm system functions and zones, providing an extremely high degree of tamper-proof security.

It is vital that you familiarize yourself with the information in this manual for optimum system performance and prevention of false alarms. It is also recommended that you keep this manual in a secure place for future reference.

Talk to your system installer if you have any questions about which features are included in your system. If anything covered in this manual differs from what your installation company representative has told you, follow your representative's instructions.

The 4720 Commercial Security System is UL listed for commercial burglary and fire use.

Section 2.
System Overview

Monitoring Capabilities

Your Model 4720 security system is active 24 hours a day, monitoring for fire, auxiliary conditions (depending on your needs), and touchpad activated alarms. The intrusion (burglary) portion of the system must be turned on and off (armed and disarmed) as occupants come and go.

Intrusion

It is important that your intrusion system be on at all times when your building or place of business is not occupied. The Model 4720 system can be armed or disarmed with the appropriate code from any of the system touchpads.

One or more of your doors have been "sensored" to allow entrance and exit alarm delays. This is done to give you an adjustable, pre-programmed amount of time to leave after arming the system, without setting off an alarm. An optional warning beep can sound to count down the time you have for your exit.

Fire

If your alarm specialist installed smoke detectors or heat sensors, you have 24-hour fire protection. Fire protection is active even when your system is disarmed. If a fire is sensed, your system touchpad will sound a local alarm and send a fire alarm signal to your security installer's monitoring station.

Equipment Tampering and Auxiliary

A wide variety of emergency and auxiliary alarms can be programmed to be sent to the appropriate officials or environmental service companies under prescribed conditions. These conditions include panic alarms, non-medical emergency alarms, and tampering alarms.

Access Codes

An access code is a confidential number, 3 to 6 digits in length. You enter this code into the system touchpads to program, arm and disarm, and command all functions of the system.

Note: When selecting access codes for your system, do not use numbers such as 1111, 2222, and so forth. While they are easy codes for you to remember, they may also be easy codes to break.

Installer's Code (Code 0)

Your installation company uses this special code to install and initially program your system. It can also be used to arm and disarm your system, both from the touchpads and from the central station (by telephone lines).

If you do not want the installation company to have access to your system once it has been installed, ask the installer for the installation code and instructions for changing it. Once you have changed the code, only you can arm and disarm the system. If it becomes necessary to change the programming of your system, you will have to give the installation company the new code. Talk to your installer about the installation code. There are many reasons why you might want your installation company to be able to access your system at any time.

Main User's Code (Code 1)

> **Warning**
> **Without this number, it is virtually impossible for anyone to re-program or reset your security system.**

Code 1 (sometimes known as the master code) enables you to change other code numbers, and change the day and time shown on your touchpad liquid crystal display (LCD) and optional printer. This main user code number should be written down and stored for periodic use in a safe, secure place.

Because code 1 can activate the Walk Test mode, during which the 4720 is temporarily prevented from responding to an actual fire alarm, code 1 cannot be used by the end user in a UL commercial fire installation. Your installer must reprogram options and perform other tasks that require the use of code 1.

Primary Access Codes (Codes 2-98)

Up to 98 primary access codes can be provided by your security system.

These primary codes are the basic keys to your security system. They can be programmed to allow the user to arm and disarm the system, operate all DOOR functions, and bypass system zones.

Primary codes can be individually programmed with specific time windows appropriate for each employee or user. For example, night shift workers can be programmed for PM hours only, or part-time workers for their scheduled work hours only.

High Security Door Access Code (Optional)

Note: This product is not listed for UL 294 access control systems.

With this code, you can create a higher level of security for door access control. When using the high security option, two access codes are required to unlock a protected door. The first code is a common code for all users, the second code is the normal access code. Both codes must be used to unlock the door.

This further prevents unauthorized access to areas such as sensitive document storage, government security projects, and so on.

The high security code is also beneficial in that only one code has to be changed when access requirements change.

Note: You can easily change the primary codes and the high security door access code at any Model 4660B/C touchpad whenever necessary, to deny access to terminated or transferred employees (see pg. 18).

Touchpad Descriptions

This section describes the touchpads that can be used with the 4720.

Touchpads that are not UL listed (Model 4205) can be used with the 4720, but may have slightly different buttons or indicator lights.

Models 4660B and 4660C

The 4660B or 4660C touchpads, recommended for commercial use with the 4720 security system, are used to program on/off combinations and to operate most functions. Figure 1 shows the 4660C touchpad.

An optional intercom/telephone module, the Model 4140, can be used with the touchpad.
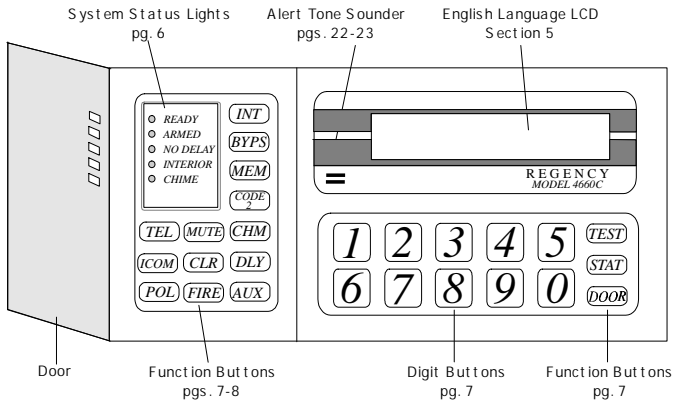
**Figure 1. Model 4660C LCD Touchpad**

*Note: The 4660B and 4660C touchpads are the same. The only difference
is that the DOOR button is disabled on the 4660B.*

Model 4205 Slimline Touchpad (not UL listed)

The Model 4205 is a vertically designed, weather-resistant touchpad for
indoor or outdoor use. It can be used for arming, disarming, and auxiliary
door access.

System Status Lights

The lights on the top left of the touchpad provide information about your system, including features that have been enabled or disabled. The table below describes the LED (light-emitting diodes) functions of the 4660B/C touchpads.
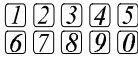
	On	**Off**
○ READY	The system is disarmed and all enabled zones are ready to be armed. (Zones that are disabled have either been bypassed, or they are interior zones that have been turned off.)	<u>System Disarmed.</u> Indicates zones in a Not Ready condition (a sensored door or window may be open). Not Ready zones can be viewed by pressing $\boxed{\text{STAT}}$. <u>System Armed.</u> The system is in operating condition. <u>Flashing.</u> The system is reporting to the central station.
○ ARMED	The system is armed.	The system is disarmed.
○ NO DELAY	Used in residential installations only.	
○ INTERIOR	Usually used in residential installations only.	
	All zones will be armed when the ARMED light is ON.	Interior zones are disabled. When the system is armed, it protects the building against entry from the outside, but people can move around inside without setting off an alarm.
○ CHIME	The CHIME feature is enabled. When the panel is disarmed and someone enters the protected area via a zone programmed as a chime zone, a chime tone will sound.	The CHIME feature is disabled. NO chime tone will sound when someone enters the protected area.

Note: The CHIME and INTERIOR LEDs are both toggled with either the $\boxed{\text{CHM}}$ or $\boxed{\text{INT}}$ buttons.

Touchpad Buttons

Buttons always visible on the touchpad are for frequently used functions such as arming, disarming, and door access.

The buttons hidden by the door on the left side of the touchpad allow for more specialized system control such as zone bypassing, system testing, and programming. Some of these functions can be performed only by the installer.

Button	Description
(TEST)	Used to enter a variety of test modes.
(STAT)	Used to display zones that are not ready or in trouble and to display system trouble conditions.
(DOOR)	On 4660C touchpads, this button is used in conjunction with an access code to activate doorstrikes for entrance to areas programmed for authorized access only. On 4660B touchpads, this button is disabled and has no effect. *This button cannot be used if the Code 2 feature is used.*
(1)(2)(3)(4)(5)(6)(7)(8)(9)(0)	Used to enter numerical information, such as access codes.
(INT)	Controls whether or not zones programmed as interior will respond to alarms when the system is armed. Press this button to turn on the INTERIOR and CHIME LEDs. Press it again to turn them off.
(BYPS)	Used to bypass (deactivate) individual zones (sensors) from system monitoring or control. It also allows you to check which zones have been bypassed.
(MEM)	When the system is disarmed, pressing this button will display any zones that were in an alarm condition since the last time the system was armed.
(CODE 2)	Controls whether or not secondary access codes can be used to disarm the system. The Code 2 feature would normally be used in residential installations only. It cannot be used if door access is used.

Touchpad buttons continued.

Button	Description
$\boxed{TEL}$	Controls the telephone functions. It will not function unless the Model 4140 intercom system and the Model 4640 audio module is used.
$\boxed{MUTE}$ (press twice)	Silences the audible trouble signal. Pressing this button will also exit any of the special test modes and return the system to normal operation.
$\boxed{CHM}$	Controls whether or not a chime tone will be generated when someone passes through a chime zone while the system is disarmed. The $\boxed{INT}$ button performs the same function.
$\boxed{ICOM}$	Controls the intercom functions. It will not function unless the Model 4140 intercom system and the Model 4640 audio module are used.
$\boxed{CLR}$	If you make a mistake while entering a code or command, press this button and start over.
$\boxed{DLY}$	For zones that have been programmed with an entry or exit delay, pressing this button controls whether these zones will be delayed or instant. Delayed zones allow a user to exit after arming, or to disarm after entering, without generating an alarm. Instant zones cause an immediate alarm when the zone is violated. When the NO DELAY LED is on and the system is armed, zones programmed for entry and exit delay are instant.
$\boxed{POL}$	When pressed and held for one full second, this button generates an immediate alarm to the central monitoring station, indicating that the police should be dispatched. This is typically an audible alarm (see page 22).
$\boxed{FIRE}$	When pressed and held for one full second, this button generates an immediate alarm to the central station, from which the fire department will be dispatched.
$\boxed{AUX}$	When pressed and held for one full second, this button generates an immediate alarm to the central monitoring station, for non-medical emergency situations (typically silent alarm).

Section 3.
Using Your Model 4720 Security System

The following is an operating guide for each of your Model 4720 security system functions or capabilities. Go over each with your installer if you have any questions, and practice them until you feel comfortable with the day-to-day operation of each function.

Arming Your System

When leaving your office or business you will want to arm the intrusion protection of your security system as follows:

1. Make sure the green READY light is lit, and the ARMED light is off.

2. Enter your access code (3 to 6 digits) on the touchpad.

Note: You have a 3-second timeframe to enter each digit of your access code. If you pause for 3 seconds, you will hear a short beep and the touchpad display will tell you to TRY AGAIN.

If make a mistake entering your code, you can also press the $\boxed{\text{CLR}}$ *button and start over again.*

When you finish, the green READY light will go off, the red ARMED light will come on, and your system will be armed.

The LCD will show the seconds remaining until the exit time expires. (You and your alarm company will have determined the exact number of seconds necessary.) The touchpad may give you an exit warning tone with beeps to count down your exit time for you. You must be out of the building with the door shut before the time runs out or an alarm will sound.

If the touchpad shows a TROUBLE condition when you attempt to arm the system, contact your central station for servicing immediately. DO NOT attempt to arm the system until the TROUBLE condition is cleared as your system will not be fully operational.

Disarming Your System

To disarm, simply enter your access code (3 to 6 digits) on the touchpad.

When you return and open a building door on the delay circuit, an entry warning tone will sound and you will have a programmed amount of time to enter and disarm the system.

The warning tone will stop as soon as you enter the first digit of your access code, allowing you to clearly hear the beeps as you finish entering your code. The LCD will show the number of seconds until the system does into alarm if not disarmed.

The ARMED light will go off, and the READY light will go back on.

If you do not want the chime zones to sound, press the CHM or INT button to turn off the CHIME and INTERIOR LEDs, if needed.

Resolving Not Ready Conditions

If the LCD reads NOT READY and the touchpad READY light is off, there is a Not Ready condition. This typically means that one or more of your building's zones are not prepared for system arming (for example, a door is ajar or a window is left open). Before you can arm the system, you must identify and correct the Not Ready condition.

To do this, press the STAT button and the LCD will display the zone number and location of the open sensor (for example, 3 BACK DOOR). Close the door involved and the unit will automatically indicate a ready status (READY light is on).

If the display reads TROUBLE, press the STAT button and the display will list the trouble conditions (see page 24).

Viewing Alarms and Alarm Memory

When an alarm occurs, the touchpad displays ALARM on the first line of the LCD. Press MEM to view the location of the alarm.

Viewing Trouble and Supervisory Conditions

When a system trouble or sprinkler supervisory condition occurs, the touchpad will beep and display TROUBLE or SUPERVISORY on the first line of the LCD. Press STAT to view the location of the trouble or supervisory.

Viewing Alarm Memory

The alarm memory function records alarm information. Events remain in memory for a single arming period. Press MEM to display the zone

number and location of any alarms that have occurred since the last time the system was armed. The next time you arm the system, memory from the previous arming period will automatically be erased.

Silencing Trouble Sounds

To silence a trouble condition alert tone, press MUTE MUTE .

The LCD will display SILENCED instead of TROUBLE. If a new condition occurs, the TROUBLE display and alert tone will be reactivated.

Bypassing Zones

You may need to bypass certain zones at certain times. Remember that while a zone is bypassed, there is no protection on that zone. Do not give the code that allows for bypassing to casual users of the system such as cleaning or delivery persons.

The BYPS button is used to disable individual intrusion zones. You cannot bypass 24-hour fire and panic zones.

Bypassing a Zone

When the system is disarmed:

1. Enter the number of the zone you wish to bypass.

2. Press BYPS .

3. Enter your access code, if required.

If the LCD reads RESTRICTED, and you hear a warning tone, you have attempted to bypass a fire or panic zone that cannot be bypassed.

To find out what zones are bypassed, simply press BYPS .

Reinstating a Bypassed Zone

When the system is disarmed:

1. Enter the number of the zone you wish to reinstate.

2. Press BYPS .

3. Enter your access code, if required.

The zone is now reinstated. Repeat steps for all zones that you want to reinstate.

Bypassing or Reinstating an Armed System

The procedure to bypass or reinstate a zone is the same as when the system is disarmed, except that the LCD will always display ENTER CODE.

After bypassing a zone, the display will not show BYPASSED, so that no one else will know that part of the system has been disabled.

Note: If reinstating an armed zone will cause an alarm, the LCD will show RESTRICTED ZONE and the zone will remain bypassed.

Activating Chime Sounds

When the system is disarmed, you can turn the chime function on and off by pressing CHM or INT .

The chime function will cause a chime sound whenever any chime zone sensor is activated while the system is disarmed.

Sending Silent Duress (Hold Up) Alarms

If forced to disarm the system under duress, for example, during an armed robbery, you can still trigger an alarm report.

By pressing a predetermined 1-2 digit duress code (record on page 27) before entering your access code, you can silently transmit a duress alarm to the alarm central station.

The system lights and alarms will not indicate that a silent duress alarm is being sent.

Activating Doorstrikes

To activate doorstrikes and open doors programmed for authorized access only,

1. Press DOOR .

2. Enter the proper access code.

Activating High Security Doorstrikes

Use these steps if the high security access option (see page 4) was selected during programming:

1. Press $\boxed{\text{DOOR}}$. The display will show ENTER CODE A.

2. Enter the high security access code (code ID #99). The display will show ENTER CODE B.

3. Enter your access code.

The doorstrike is now activated.

Intercom Operation (Optional)

Your touchpad can function as an intercom, or as a "hands-free" telephone, if the Model 4640 Audio Module and Model 4140 Telephone Intercom Controller is included in your system.

Note: The intercom feature has not been investigated by UL.

The intercom feature provides the following options:

Two-way Communications on All Intercoms (Paging)

To make all system intercoms become active at once, press $\boxed{\text{ICOM}}$.

To turn off, press $\boxed{\text{ICOM}}$.

Two-way Communications on One Intercom

1. Press the number of the intercom station you wish to call.

2. Press $\boxed{\text{ICOM}}$.

Listen-only Communications With All Intercoms

1. Press the $\boxed{1}$ key.

2. Press the $\boxed{0}$ key.

3. Press $\boxed{\text{ICOM}}$.

To turn off, press $\boxed{\text{ICOM}}$.

Listen-only Communications With One Intercom

1. Press the number of the intercom station you wish to listen to twice.

2. Press $\boxed{\text{ICOM}}$.

You can now hear activity in that touchpad intercom area, but they cannot hear you.

To turn off, press $\boxed{\text{ICOM}}$.

Preprogrammed Time-out

The time-out option allows you to automatically limit touchpad intercom or telephone usage to anywhere between 15 and 255 seconds. The touchpad intercom (or telephone) will automatically hang-up after the programmed time has elapsed. As a warning, the system will emit a warning beep 10 seconds before hanging up the intercom.

Telephone Operation (Optional)

The telephone feature provides the following options:

Basic Telephone Operation

To:	Steps
Answer the phone	Press $\boxed{\text{TEL}}$.
Place a phone call	1. Press $\boxed{\text{TEL}}$. 2. Enter digits of the phone number you wish to call (up to 12 digits).
Hang up	Press $\boxed{\text{TEL}}$.
Mute your conversation (place on hold)	Press $\boxed{\text{MUTE}}$.
The touchpad will beep while the Mute function is activated.	
Activate 2-way communication (remove hold):	Press $\boxed{\text{MUTE}}$.

To:	Steps
Transfer a call to another touchpad	1. Answer an incoming call by pressing TEL . 2. Put caller on hold by pressing MUTE . *A short beep will be heard every 2 seconds until the* MUTE *button is pressed again.* 3. Press the number of the touchpad to which you want to transfer the call. 4. Press ICOM and announce the call transfer to the person at the second touchpad. 5. To complete the call transfer, the person at the second touchpad should press TEL .

Automatic Redialing

1.   To redial the last phone number called, press 9.

2.   Press TEL .

Preprogrammed Time-out

The time period is the same as the intercom time-out (see page 14).

Memory Dialing

To:	Steps
Store a phone number in memory	1. Press TEL . 2. Press digits of the phone number you wish to store. 3. Press MEM . 4. Press either digit 1 or 2 (for memory location 1 or 2).

To:	Steps
	The phone number is now in memory and a call has been placed to the phone number. 5. Press TEL to terminate the call.
Dial a memory phone number	1. Press digit 1 or 2 (for memory location 1 or 2). 2. Press TEL .
Clear a phone number from memory	1. Press TEL . 2. Press MEM . 3. Press the digits of the phone number you wish to store. 4. Press either digit 1 or 2 (for memory location 1 or 2). 5. Press TEL .

Programming Your 4720 Security System

Your security dealer or installer will complete all initial programming for you. However, as time goes on, you will undoubtedly want to make changes.

Most program changes will be handled by your installer, but resetting time and date displays and changing access codes are two functions you can do yourself from the touchpad.

One important thing to remember is that your system is disabled when you are in programming mode. You will not be protected until you exit programming mode.

Resetting the Time

1. Press [9].
2. Press [TEST].
3. Enter your main access code. The display will now read TIME?.
4. Enter a 6-digit time setting. The **first** digit is for the day of the week. Choose the number of the day from the list below:

1 Monday	5 Friday
2 Tuesday	6 Saturday
3 Wednesday	7 Sunday
4 Thursday	

The **second** digit is 0=AM or 1=PM
Enter the **last four digits** as the actual time in hours and minutes.

Upon pressing the sixth digit, the touchpad will return to its normal operation with the correct time in place.

<u>Example</u>: To reset the time for Tuesday 3:15 PM you would enter the following:

⑨ *TEST* (access code) ② ① ⓪ ③ ① ⑤
　　　　　　　 Day of ┘   └ Indicates
　　　　　　　 week　　　　 PM
Hour Minutes

Remember to include a leading zero before 1-digit numbers when entering the time portion.

Resetting the Date

If your system includes an on-site printer, the display will prompt you to set the date after setting the time.

When the display reads DATE?, enter a 6-digit date in MMDDYY format. Upon pressing the sixth digit, the touchpad will return to its normal operation.

Example: To reset the date for March 25, 1995, you would enter the following:

Always remember to enter leading zeros for 1-digit months and days (03=March).

Reprogramming Access Codes

Do NOT program new access codes unless you check first with your installer. He or she will inform you as to which functions and time windows apply to each code. Make sure the system is disarmed and that you are NOT in set time mode.

You can only reprogram access codes by using touchpads with English language LCD displays.

Displaying Codes

1. Press ⑦ .

2. Press TEST .

3. Enter your main access code. The display will read CODE 1:.

4. To display the access code number you entered (for example, CODE 1: 5432), press TEST .

5. To skip to the next code in the sequence, press TEST .

6. To skip over more than one code, press CHM , enter the ID number of the code you wish to change (not the code itself), and then press TEST .

Changing Your Access Code

Access codes are 3 to 6 digits in length. You must be sure that codes do not conflict. For example, assigning a code as 543 would prevent another code previously assigned as 5432 from working.

After entering a new access code, always remember to press the $\boxed{\text{TEST}}$ button. You can record new access code numbers on page 29.

Note: When changing codes, make sure that no code starts with the duress trigger digits (see page 12).

1. Display the code you wish to change (Steps 1-6 in Displaying Codes).

2. To change the access code displayed, press $\boxed{\text{CLR}}$.

3. Enter the new access code you have assigned (3 to 6 digits).

4. Store the new code in memory by pressing $\boxed{\text{TEST}}$.

The display will then show the next access code in sequence. Repeat Steps 1-3 for each additional code you wish to change.

Deleting Codes

Note: Do NOT delete your main access code.

1. Display the code you wish to delete (Steps 1-6 in Displaying Codes).

2. Press $\boxed{\text{CLR}}$ to clear a code from memory without assigning a new code.

3. Press $\boxed{\text{TEST}}$.

Exiting Programming Mode

To return to normal operation, press $\boxed{\text{MUTE}}$ $\boxed{\text{MUTE}}$.

Testing Your 4000 Security System

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                        IMPORTANT
           Weekly tests are recommended to ensure
                   proper system operation.
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Discuss testing with your security company installer to develop the optimum schedule and procedures that will be right for your system and operation.

Testing is required for UL Fire (NFPA 72 Central Station Regulations) and is described below. This test must be performed with AC power disconnected. The purpose of this procedure is to ensure that battery malfunctions will be discovered during the test.

Disconnect the AC power transformer by unscrewing the mounting screws that hold the cover in place. Thereafter, AC power is disconnected from the unit by removing the transformer from the wall receptacle.

Once the test has been completed, reconnect AC power by plugging the transformer into its receptacle. Then replace the transformer cover and mounting screws.

Note: While the system transformer is unplugged, the LCD display may read TROUBLE - AC. *Press* MUTE MUTE *to silence.*

To test overall system operation:

1. Call and warn your security company's central station that you plan to run a system test.

2. Be sure the system is disarmed.

3. Press the TEST button followed by your access code.

If all systems are operating properly, the touchpad will reset momentarily, your alarm will sound for a few seconds, and a dialer test will be transmitted to the central station. There are a variety of central station response procedures. Your security company will inform you as to what response you should expect from a test.

Note: The system test will not test the sensors and detection devices that activate alarms. Be sure to test smoke and other fire detectors regularly, following the procedures provided by the detector manufacturers. Regular tests ensure they are operating properly.

Section 4.
In Case of Trouble

AC Power Failures

During brief power outages in your building, your security system will function normally using the rechargeable battery installed in the master control panel.

When your power returns, these batteries will automatically recharge.

In Case of Accidental Activation

In the event that your security system is activated accidentally, do not panic. It is important to cancel the alarm as soon as possible by entering your access code on the nearest touchpad.

What Happens When an Alarm Occurs?

> **IMPORTANT**
> **If you enter your office or building and find an alarm message on the LCD, LEAVE IMMEDIATELY and call your central station or the police.**

Should your security system go into an alarm condition, three things will happen:

1. A loud audible warning will be heard from all system speakers. The sound will vary depending on the type of alarm. See Audible Alarm descriptions on page 22.

2. The touchpad LCD display will indicate that an alarm has occurred. Press MEM to see the type of alarm (Fire, Panic, Intrusion, Auxiliary), its zone number, and the location of the alarm.

3. Your security dealer's central monitoring station will be automatically dialed, reporting the nature and location of the alarm. They, in turn, will dispatch the proper authorities to your building.

When an alarm occurs in zone programmed for silent alarm, the audible warning and displayed message (#1 and #2) will NOT occur, but the alarm condition will still be reported to the central station (#3).

When an alarm or trouble condition occurs, the touchpad displays ALARM, TROUBLE, or in some cases, SUPERVISORY on the first line of the LCD. It also tells you to press a key to see the location of the alarm or trouble condition. In the case of an alarm, press the MEM key. In the case of a trouble or supervisory, press STAT.

Audible Alarms

The alarms below are ranked in priority order.

Type	Sound	Description
Fire	High volume, high pitch pulsing tone	This alarm has precedence over all other alarms. For example, if an intrusion alarm has been sounded, and subsequently a fire condition is detected, the fire alarm will take priority over the intrusion alarm. See page 2 for more information.
Panic	Slowly alternating high/low pitch steady tone	Triggered manually whenever anyone presses one of the panic keys (POL , FIRE , or AUX on the touchpad).
Intrusion	Rapidly alternating high/low pitch steady tone	An intrusion (or burglary) alarm causes this alarm to sound and sends a report to the central station. See page 2 for more information.
Auxiliary	Alternating high/low pitch rapidly pulsing tone.	An auxiliary alarm has the lowest priority if other alarms such as fire, panic, or intrusion are sounding simultaneously. See page 2 for more information.

Beeper Sounds

The following table describes other audible signals:

Type	Sound	Description
Alarms	During alarms, the beeper will beep as the LCD continuously displays affected zones.	
Trouble Condition	A long beep once every 4 seconds.	Alerts users to system trouble conditions. (Can be silenced by pressing MUTE MUTE .)
Entry Warning	A beep sounds once each second during countdown.	The touchpad LCD display counts down the number of seconds left to disarm the system and avoid an alarm.
Exit Warning (Optional)	A short beep sounds each second during countdown.	The touchpad LCD display counts down the number of seconds left until the system arms.
Door Chime	A beep sounds twice each time a door programmed for the chime feature is opened or closed.	

Section 5.
System Messages

Trouble Messages

Your security system is designed to provide you with many years of reliable trouble-free protection, but unforeseen problems may occur. For many problems with a component or zone in your Model 4720 system, a low volume, high pitch tone will sound for one second every few seconds. Press MUTE MUTE to silence the trouble alert tone. The 4660B/C touchpad LCD will also display TROUBLE. To view the trouble condition, press the STAT button. The LCD will show one of the following indications:

1-80 LOCATION	Indicates zone number 1-80 and the location.
AC	System has lost AC power.
BATTERY	Low battery condition in the control panel.
DATA LOST FAILED	The 4720 was not able to report to the central station because of bad phone line, etc.).
DEVICE 0	Problem with the 4720 communicator.
DEVICE 1	Problem with the (optional) printer interface.
DEVICE 2 DEVICE 3	Problem with a zone expander.
DEVICE 4	Problem with the intercom or telephone module.
DEVICE 5	Problem with the auxiliary control module.
DEVICE 7	Problem with the EEPROM memory.
LINE 1	Phone line #1 is bad or needs service.
LINE 2	Phone line #2 is bad (if using two phone lines).
PAPER	Problem with the optional printer, such as out of paper.
TOUCHPAD 1-15	Problem with a particular touchpad unit.

Contact your installation company immediately for repairs whenever any of these conditions are indicated.

Error Messages

If operation or programming errors occur, the LCD will display the following messages to explain the problem:

RESTRICTED CODE	The touchpad or feature you are trying to use is not available with this code.
RESTRICTED DOOR	The code entered cannot be used to open the door.
RESTRICTED TIME	The code entered cannot be used at this time of day.
RESTRICTED ZONE	Zone cannot be bypassed (fire or other 24-hour zones cannot be bypassed).
TRY AGAIN	An invalid code or command was used. Restart from the beginning.

LCD Displays

The English language LCD will normally display the day and time, plus status and instructions for many status lights and touchpad functions. The LCD will also display the following messages (in addition to trouble and error messages):

# SEC TO ALARM	This message provides a visual countdown of seconds before an alarm is sounded and sent to the control monitoring station. (After opening and entering a delayed door, a warning will sound.)
## SEC TO EXIT	(Displays after arming.) Your security system can be programmed for a timed exit delay. The beeper will sound (warning sound is optional) until the delay time is up and the LCD will display the countdown to exit time.
ARMED	The system is armed.
AUXILIARY ALARM	Special sensors installed to protect furnaces, freezers, and so on have triggered an alarm.
BYPASSED (System disarmed)	One or more of the zones have been bypassed, or turned off. *This message will not be displayed if the system is armed.*
FIRE ALARM	**Flashes** - One or more zones programmed for fire monitoring are in alarm.
INTRUSION	**Flashes** - One or more zones programmed for intrusion

ALARM	monitoring are in alarm.
NOT READY	One or more zones are in a Not Ready condition (a sensored door or window may be open).
PANIC ALARM	A user initiated alarm signaling a break-in attempt or other panic situation.
READY	System is disarmed and all zones are ready to be armed.
SERVICE	The 4720 control panel requires service. The system will not function at this time and you must contact the installation company immediately for repairs.
SILENCED	A trouble condition alarm has been silenced, but the trouble still exists in the system.
TAMPER ALARM	An attempt was made to disable the alarm system.
TROUBLE	Trouble condition exists in the system (a broken wire, low battery, loss of system power, and so on). You can press STAT to find out the source of trouble.

System Data

Keep the following information CONFIDENTIAL and stored in a safe place.

System Installation company: _____

Name of installer: _____

For service, call: _____ or _____

Before testing, call: _____ or _____

Your account # is: _____

Number of seconds programmed for exit delay: _____

Number of seconds programmed for entry delay: _____

Your main user's code (code 1) is: _____

Your duress digits are: _____

Your system is custom programmed for the following features:

_____ Delayed reporting   _____ Area Arming

_____ Panic Alarm   _____ Card Access Control

_____ Fire and Smoke Detection   _____ On-site Printer

_____ Auxiliary Alarm for:

    _____   _____

    _____   _____

    _____   _____

    _____   _____

Your system touchpad locations are:

1. _____   9. _____
2. _____   10._____
3. _____   11._____
4. _____   12._____
5. _____   13._____
6. _____   14._____
7. _____   15._____
8. _____

Your system zone locations are:

1. _____	41._____
2. _____	42._____
3. _____	43._____
4. _____	44._____
5. _____	45._____
6. _____	46._____
7. _____	47._____
8. _____	48. _____
9. _____	49._____
10._____	50._____
11._____	51._____
12._____	52._____
13._____	53._____
14._____	54._____
15._____	55._____
16._____	56. _____
17._____	57._____
18._____	58._____
19._____	59._____
20._____	60._____
21._____	61._____
22._____	62._____
23._____	63._____
24._____	64. _____
25._____	65._____
26._____	66._____
27._____	67._____
28._____	68._____
29._____	69._____
30._____	70._____
31._____	71._____
32._____	72. _____
33._____	73._____
34._____	74._____
35._____	75._____
36._____	76._____
37._____	77._____
38._____	78._____
39._____	79._____
40._____	80. _____

Your access code assignments are:

#	Access Code						Options	Assigned To
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
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28								
29								
30								
31								
32								
33								

#	Access Code						Options	Assigned To
34								
35								
36								
37								
38								
39								
40								
41								
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#	Access Code						Options	Assigned To
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