• WARNING •
This manual contains information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer. The entire manual should be carefully read.

Instruction Manual
In time, or unfamiliarity with the correct operation. It is important that all signals may not reach the receiver under all circumstances which could cause carelessness or safety hazards such as smoking in bed, violent explosions, escaping gas, improper storage of flammable materials, overloaded electrical circuits, children playing with matches, or arson.

This system's wireless transmitters have been designed to provide several years of battery life under normal conditions. The expected battery life is 3 years if the system is used 24 hours a day and 5 years if the system is used 12 hours a day. However, the expected battery life may be extended or reduced depending on various conditions. Some of these conditions are:

- Weather conditions and the amount of use of the system
- Temperature fluctuations
- The number of times the system is activated per day

The expected battery life can be extended or reduced depending on these factors. It is important that a security system be reviewed periodically to ensure that its features remain effective and that it is updated or replaced if it is found to be unsatisfactory.

Power Interruptions

The system's wireless transmitters are powered by batteries. If the batteries are not charged, the system will not function properly. It is important that the batteries are replaced when necessary to ensure that the system continues to operate properly.

Components Failure

The system's wireless transmitters are designed to be as effective as possible. There are several components that make up the system, and each component is designed to perform its specific function. It is important that the system be regularly tested and maintained to ensure that all components are functioning properly.

Inadequate Testing

The system's wireless transmitters are designed to be as effective as possible. However, if the system is not tested regularly, the effectiveness of the system may be reduced. It is important that the system be tested regularly to ensure that it is functioning properly.

WARNING: Digital Security Controls Ltd. recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.

LIMITED WARRANTY

Digital Security Controls Ltd. warrants the original purchaser that for a period of twelve months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use. During the warranty period, Digital Security Controls Ltd. shall, at its option, repair or replace any defective product, upon return of the product to its factory, at no charge for labour and materials. Any replacement and or repaired parts are warranted for the remainder of the original warranty or ninety (90) days, whichever is longer. The original owner must promptly notify Digital Security Controls Ltd. in writing that there is a defect in material or workmanship, such written notice to be received in all events prior to expiration of the warranty period.

International Warranty

The warranty extends to the original purchaser only and shall be null and void in the event of any and all other warranties, whether expressed or implied (including all implied warranties of merchantability or fitness for a particular purpose) and of all other obligations or liabilities on the part of Digital Security Controls Ltd. Digital Security Controls Ltd. neither assumes nor authorizes any other person or entity to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product. This disclaimer of warranties and limited warranty are governed by the laws of the province of Ontario, Canada.

WARNING: Digital Security Controls Ltd. recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.

Out of Warranty Repairs

Digital Security Controls Ltd. will at its option repair or replace out of warranty products which are returned to its factory according to the following conditions. Anyone returning goods to Digital Security Controls Ltd. must first obtain an authorization number. Digital Security Controls Ltd. will at its option repair or replace out of warranty products which are returned to its factory according to the following conditions.

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About Your Security System

Your DSC security equipment has been designed to provide you with the greatest possible flexibility and convenience. Read this manual carefully and have your installer instruct you on your system’s operation and on which features have been implemented in your system. All users of this system should be equally instructed in its use. Fill out the “System Information” page with all of your zone information and access codes and store this manual in a safe place for future reference.

Fire Detection

This equipment is capable of monitoring fire detection devices such as smoke detectors and providing a warning if a fire condition is detected. Good fire detection depends on having adequate number of detectors placed in appropriate locations. This equipment should be installed in accordance with N.F.P.A. standard #72. (N.F.P.A., Batterymarch Park, Quincey MA 02269). Carefully review the Family Escape Planning guidelines in this manual.

NOTE: Your installer must enable the fire detection portion of this equipment before it will work.

Testing

To insure that your system continues to work as intended, you must test your system weekly. Please refer to “Testing Your System” on page 13 of this manual. If your system does not work properly, call your installing company for service.

Monitoring

This system is capable of sending alarms, troubles and emergency information over telephone lines to a monitoring station. If you inadvertently initiate an alarm, immediately call the monitoring station to prevent an unnecessary response.

NOTE: Your installer must enable the monitoring feature before it will work.

General System Operation

Your security system is made up of a DSC control panel, one or more keypads and various sensors and detectors. The control panel will be mounted out of the way in a utility closet or in a basement. The metal cabinet contains the system electronics, fuses and stand-by battery. There is normally no reason for anyone but the installer or service professional to have access to the control panel.

All the keypads have an audible indicator and command entry keys. The LED keypads have a group of zone and system status lights. The LCD keypad has an alphanumeric liquid crystal display (LCD). The keypad is used to send commands to the system and to display the current system status. The keypad(s) will be mounted in a convenient location inside the protected premises close to the entry/exit door(s).

The security system has several protected areas (zones) and each of these will be connected to one or more sensors (motion detectors, glassbreak detectors, door contacts, etc.). A sensor in alarm will be indicated by the corresponding zone lights flashing on an LED keypad or by written messages on the LCD keypad.

IMPORTANT NOTICE

A security system cannot prevent emergencies. It is only intended to alert you and – if included – your monitoring station of an emergency situation. Security systems are generally very reliable but they may not work under all conditions and they are not a substitute for prudent security practices or life and property insurance. Your security system should be installed and serviced by qualified security professionals who should instruct you on the level of protection that has been provided and on system operations.
# System Information

Fill out the following information for future reference and store this manual in a safe place.

## Access Codes

**Your Master Code is:** __________________________________________

Additional Access Codes:

<table>
<thead>
<tr>
<th>01</th>
<th>02</th>
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<th>04</th>
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</tr>
</tbody>
</table>

## Zone Information

There are ______ active zones on the system.

<table>
<thead>
<tr>
<th>Zone</th>
<th>Protected Area</th>
<th>Zone Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>________________________________</td>
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<td>14</td>
<td>________________________________</td>
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</tr>
</tbody>
</table>
The Exit Delay Time is ________ seconds.
The Entry Delay Time is _______ seconds.

For Service
Central Station Information:
Account #: ______________________________ Telephone #: ________________________________

Installer Information:
Company: ______________________________ Telephone #: ________________________________
Access Codes

Access codes are used to arm and disarm the system. There are 37 access codes available: 1 master code, 32 regular access codes, 2 duress codes and 2 supervision codes. Ask your installer for more information on using the duress and supervision codes.

Only the Master Code can be used to program additional security codes and to change other system features as well as to arm and disarm the security system. The Master Code will be supplied to you by your installer. All keypad entries are made by pressing one key at a time.

All access codes can be programmed by following the procedure outlined in “Programming Security Codes” on page 7.

NOTE: An access code can be a four or six digit number depending on how your installer has programmed your system. Ask your installer for more information regarding access codes.

Arming the System

Arming from an LED Keypad:
If the Ready light is ON, the system is ready for arming. If the Ready light is OFF, check to see that all doors and windows are closed and that motion is stopped in areas covered by motion detectors. The system cannot be armed unless the Ready light is ON indicating that all zones are closed and the system is in the Ready state.

Enter your access code. As each digit is entered, the keypad sounder will beep. If the access code was entered incorrectly, the keypad buzzer will sound steadily for one second. If this occurs, press the [#] key and re-enter your access code. If the correct access code is entered, the keypad sounder will beep quickly and the Armed light will come ON. Exit the premises through the door indicated by your installer as the Exit/Entry door.

The panel will provide an exit delay period, indicated by keypad beeps, for you to exit the premises without causing an alarm. At the end of the exit delay period, all keypad lights, except the Armed light, will turn OFF and the system will be armed. You can restart the exit delay once by pressing the Away button before the exit delay expires. The exit delay time can be changed by your installer.

Arming from an LCD Keypad:
One of the following messages may appear when you attempt to arm your system:

Secure System Before Arming <>

Enter Code to Arm System <>

One or more zones are not secured. To secure the system, close all doors and windows and cease all motion in areas covered by motion detectors.

Use the arrow (< >) keys to verify that the system is clear of troubles and that no zones are bypassed unintentionally (see “Viewing Trouble Conditions” and “Zone Bypassing” on page 11).

Secure System or Enter Code

Enter Code to Arm System

If you see this message, your installer has set up your system so that it may be armed with one or more designated zones open. Ask your installer for more details.

The system is in the Ready state and may be fully armed. To arm the system, enter your access code.

Once the correct access code has been entered, the display will be:

Exit Delay in Progress

The panel will provide an exit delay period, also indicated by keypad beeps, for you to exit the premises without causing an alarm. You can restart the exit delay once by pressing the Away button before the exit delay expires. Exit through the door indicated by your installer as the Exit/Entry door.

Enter Code to Disarm System

This message will be displayed once the exit delay expires and the system is fully armed.

* WARNING * Bypass Active

If this message appears, be aware of which zones are bypassed and why (see “Zone Bypassing” on page 10). NOTE: If you arm the system with a zone bypassed or with a trouble present, your security protection is reduced.
Alternate Arming Methods

Away Arming
Arming the system in the Away mode will have all interior zones and perimeter zones active. If motion is detected in the interior zones, or if one of the perimeter zones is violated, the alarm sequence will begin. To arm in the Away mode, enter your access code and exit the premises through a designated Exit/Entry door. The system will recognise that occupants have left the premises. Once the exit delay expires, the system will be fully armed.

You can restart the exit delay once by pressing the Away button before the exit delay expires.

Audible Exit Fault
In an attempt to reduce false alarms, the Audible Exit Fault will notify you of an improper exit when arming the system in the Away mode. If you do not exit the premises during the exit delay period, or if you do not securely close the Exit/Entry door, the system will notify you that it was improperly armed. It will do this in two ways: the keypad will emit one continuous beep, and the bell or siren will sound. If this occurs, you must re-enter the premises, enter your access code to disarm the system, and then follow the arming procedure again, making sure to exit the premises properly. Your installer will inform you if the Audible Exit Fault feature has been enabled on your system.

Stay Arming
This feature, if enabled by your installer, will allow you to arm the perimeter zones while leaving the interior zones inactive so that you can remain on the premises while the system is armed. When you enter your security code to arm the system, or press the "Stay" button on the keypad, and do not exit the premises through a designated Exit/Entry door, the system will arm in the Stay mode, automatically bypassing the interior zones.

The interior zones can be reactivated at any time by entering [✱][1] at any keypad. If you reactivate the interior zones, do not go into areas covered by motion detectors. To access areas protected by motion sensors, you must enter your security code and disarm the system.

Arming Without Entry Delay
If you wish to arm your system without the entry delay, enter [✱][9] then your access code. The Armed light will flash as a reminder that the system is armed and has no entry delay. An entry through any zone programmed as a delay zone will create an instant alarm.

Quick Arm
When the Quick Arm feature is enabled, you may arm the system by simply pressing [✱][0] instead of your access code. Please note that pressing [✱][0] will only allow you to arm the system; to disarm, you must enter a valid access code. Your installer will inform you if the Quick Arm feature has been enabled on your system.

Quick Exit
When the Quick Exit feature is enabled, pressing [✱][0], or the "Exit" button on the keypad, while the system is armed will provide a two-minute window for you to exit the premises. During this time, you may only open and close the designated Entry/Exit door once. Once the door is closed, the panel will end the two-minute quick exit delay. If the door is opened again, or if the door is not closed after two minutes, or if another zone is opened, the panel will begin the entry delay. Your installer will inform you if the Quick Exit feature has been enabled on your system.
Disarming the System

**Disarming from an LED Keypad:**
Enter the premises through a designated Exit/Entry door. Entering by any other door will sound an immediate alarm. As soon as the Exit/Entry door is opened, the keypad will beep to indicate that the system should be disarmed. Go to the keypad and enter your access code. If you made an error entering your code, re-enter the code correctly. As soon as the correct code is entered, the Armed light will go out and the keypad will stop beeping.

The correct access code must be entered before the entry delay period expires. If a valid access code is not entered during this time, the system will go into alarm. Your installer can change the entry time delay.

If an alarm occurred while the system was armed, the Memory light and the zone light corresponding to the zone that caused the alarm will flash for 30 seconds. After the 30-second period, the Memory light and zone light will stop flashing and the panel will return to the Ready state. Pressing the [#] key during the 30 second period will cancel the alarm memory display. To view other alarms, press [*][3].

If a trouble was detected when the panel is disarmed, the Trouble light will turn ON (See “Viewing Trouble Conditions” on page 11 to determine the source of the trouble.) Please note that troubles will not display while the system is in the Alarm Memory Display mode.

**Disarming from an LCD Keypad:**
Upon entering through a designated Exit/Entry door, the keypad will beep and the entry delay will commence, reminding you to disarm the system. The keypad will display the following message...

---

**Entry Active**

Enter Your Code

**System Disarmed**

Enter Code to Arm System

---

**Entry Active**

Enter Your Code

**Entry Active**

Enter Your Code

**System Disarmed**

Enter Code to Arm System

---

**View Memory <>**

“Zone of Alarm”

**Secure System Before Arming <>**

**Enter Code to Arm System <>**

---

Enter your access code. If an error is made in entering the code, re-enter the code correctly. When a valid access code is entered, the keypad will stop beeping. If there were no alarms while the panel was armed, and there are no troubles, the display will read...

After about five seconds, the system will return to the Ready state and the display will read...

If there was an alarm while the system was armed, this message will be displayed. Use the arrow (< >) keys to view which zones caused the alarm. If a zone is still in alarm, the display will show the following message to indicate that a zone is open...

Upon disarming and if a trouble is present, this message will be displayed. Use the arrow (< >) keys to view which troubles are affecting the system (see “Viewing Trouble Conditions” on page 11).

---

**NOTE:** If you return and find that an alarm has occurred while you were away, it is possible that an intruder may still be on the premises. Go to a neighbour’s house, and call the local police to investigate.

The alarm memory is cleared each time the panel is armed. Any alarms showing are alarms that occurred only during the last armed period.
If an Alarm Sounds

**Fire Alarm**
If your system has been installed with fire detectors and the alarm sounds in a pulsing mode, follow your emergency evacuation plan immediately (see “Fire Escape Planning” on page 15).

**Intrusion Alarm**
If an intrusion alarm sounds, indicated by a continuous Bell or Siren, the alarm may be silenced by entering your access code. If the alarm was unintentional, call local authorities immediately to avoid an unnecessary response.

You can determine the source of the alarm by following the instructions in the “Disarming” section (see page 6). Once the source of the alarm has been corrected, the panel can be restored to its original Armed state.

**NOTE:** A fire alarm has priority over a burglary type alarm.

Function Keys
The keypads have five function keys – marked Stay, Away, Chime, Reset and Exit – which allow easy single-button activation of the most commonly used features. If your installer has enabled these keys, you can execute their programmed function by pressing and holding the corresponding key for two seconds.

For information regarding the operation of the function keys, talk to your alarm installer.

Programming Security Codes

**Programming codes from an LED Keypad:**

**The Master Code**
To program the Master Code, enter [✱][5][current Master Code][40][new Master Code]. The Master Code must be four digits long, unless otherwise indicated by your installer. Enter digits 0 through 9 only. Press [#] to return to the Ready state.

**NOTE:** You must program all digits in each access code.

Be sure to record your new Master Code on the “System Information” page in this booklet. **NOTE:** We recommend that the factory default or obvious codes such as [1111] or [1234] not be used.

**Additional Codes**
Up to 32 additional access codes (01 through 32) may be programmed.

**To program a new code:**
Enter [✱][5][Master Code][code number 01 to 32][new access code]. The code number is a double digit from 01 to 32. Access codes must be four digits unless otherwise indicated by your installer. Enter digits 0 through 9 only. Press [#] to return to the Ready state.

If an access code already exists for the code number you have selected, it will be replaced by the new code. Be sure to record your new code(s) on the “System Information” page in this book.

**To erase a code:**
Enter [✱][5][Master Code][code number 01 to 32][✱]. Press [#] to return to the Ready state. The Master code cannot be erased.
The Liquid Crystal Display (LCD) displays prompts and system information on two 16 character lines. If “< >” appears, more information can be accessed by using the arrow (< >) keys. Press [>] to see the previous function or item of information. Press [<] to advance the display to next function or item of information.

Press the keys on the number pad as prompted by the LCD display to view alarms or troubles, to arm and disarm the system and to bypass zones.
To exit a function and return to the Ready state, press [#].
To select a function press [✱].

The PC5516, PC5516Z, PC5532 and PC5532Z Keypads are available for applications with more than 8 zones. The functions explained in this manual are the same for all three LED keypad types.

Important Note: Test system weekly and have any system trouble conditions corrected by your alarm installer.
**Programming codes from an LCD Keypad:**

**Master Code**
Press the [✱] key to enter the function list. Scroll (< >) to...

- **Press [✱] for <>** Access Codes
- **Enter Master Access Code**
  - “40P” represents the Master Code. Press the [✱] key to indicate that you wish to program the Master Code. The display will read...
  - **Enter New Code**
    - Enter the new Master Code. The Master Code must be four digits long, unless otherwise indicated by your installer. Enter digits 0 through 9 only. Once the new code is entered, the keypad will beep 3 times and the display will read...
    - **[✱] to Edit <>** User Code 40P
    - Press [#] to exit the code programming function.

Be sure to record your new Master Code on the “System Information” page in this booklet. **NOTE: We recommend that the factory default Master Code [1234] not be used.**

**Additional Access Codes**
To erase, add or change a user code, press [✱] to enter the function list. Use the arrow (< >) keys to scroll to the following message...

- **Press [✱] for <>** Access Codes
- **Enter Master Access Code**
- **[✱] to Edit <>** User Code 01P
  - Use the scroll keys (< >) to find the access code – indicated by “02P” to “32P” – you wish to add, change or delete. Press the [✱] key to select the code you wish to change. The display will read...
  - **Enter New Code**
    - To add or change a code, enter the new code. Access codes must be four digits unless otherwise indicated by your installer. Enter digits 0 through 9 only. To delete an access code, enter [✱]. Once the 4-digit code or [✱] has been entered, the keypad sounder will beep 3 times and the display will read...
    - **[✱] to Edit <>** User Code 01P
    - The “P” means the code has been programmed. If there is no “P” then that code is deleted. Press [#] to exit the code programming function. **The Master code cannot be erased.**

Remember to record your new code(s) on the “System Information” page in this booklet.

**Access Code Attributes**
Additional programmable attributes, such as zone bypassing capability, can be activated or deactivated for each access code. For more information regarding access code attributes, please contact your installer.
Zone Bypassing

The zone bypassing function is used when access is needed to part of the protected area while the system is armed. Zones that are temporarily out of service due to damaged wiring or contacts may be bypassed to allow system arming until repairs can be made.

Bypassed zones will not cause an alarm. Zones cannot be bypassed once the system is armed. Bypassed zones are automatically cancelled each time the system is disarmed and must be reapplied before the next arming.

NOTE: For security reasons, your installer may program the system to prevent you from bypassing certain zones.

Bypassing zones reduces your security protection. If you are bypassing a zone due to damaged wiring or contacts, please call a service technician immediately so that the problem can be resolved and your system returned to proper working order.

Make sure that no zones are unintentionally bypassed when arming your system.

To bypass zones from an LED keypad:

Start with the system in the Ready state. Enter [✱][1][Zone(s) to be bypassed].
Enter the zone(s) as a 2-digit number from 01 to 08. As each zone is bypassed, the corresponding zone light will turn ON. If a zone is bypassed by mistake, enter that zone number again; the zone light will turn OFF, indicating that the zone is not bypassed. Press [#] to return to the Ready state.

To bypass zones from an LCD keypad:

To bypass a zone, the system must be in the Ready state. The display will read...

Enter Code to Arm System

Press the [✱] key to enter the function menu. The display will read...

Press (✱) for <>
Zone Bypass

Zone Search < > “Zone Name”

Use the arrow (< >) keys to find the zone to be bypassed and press the [✱] key to select it. The display will read...

“B” will appear on the display to show that the zone is bypassed. To unbypass a zone, enter the zone number; the “B” will disappear from the display to show that the zone is no longer bypassed.

This display will be shown if a zone was open when you entered the bypassing command. The open zone will be represented by “O”. If you bypass the open zone, a “B” will replace the “O”.

To exit the bypassing mode and return to the Ready state, press the [#] key.

Viewing Trouble Conditions

The control panel continuously monitors a number of possible trouble conditions. If one of these trouble conditions occur, the keypad will beep twice every 10 seconds until you press any key on the keypad.

NOTE: A TROUBLE condition reduces the security your system is designed to provide. Call your installing company for service.
To view troubles from an LED Keypad:
A trouble will be indicated by the Trouble light, which will remain ON until the trouble condition is cleared. If you cannot determine the cause of the trouble condition, contact your installer for assistance.

To view the type of trouble condition, press [✱][2]. One or more zone lights will turn ON, indicating the various trouble conditions:

<table>
<thead>
<tr>
<th>ZONE LIGHT</th>
<th>TYPE OF TROUBLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Service required. Call your installation company for service.</td>
</tr>
<tr>
<td>2</td>
<td>Indicates the loss of AC power. When this trouble occurs, the Trouble light will turn ON but keypad buzzer will not sound.</td>
</tr>
<tr>
<td>3</td>
<td>Telephone line trouble.</td>
</tr>
<tr>
<td>4</td>
<td>The panel has failed to communicate with the central station.</td>
</tr>
<tr>
<td>5</td>
<td>Zone fault. Press [5] and the zone light(s) corresponding to the faulted zones will turn ON.</td>
</tr>
<tr>
<td>6</td>
<td>Zone tamper. Press [6] and the zone light(s) corresponding to the tampered zones will turn ON.</td>
</tr>
<tr>
<td>7</td>
<td>Low zone battery. This trouble is generated when a wireless device exhibits a low battery condition.</td>
</tr>
<tr>
<td></td>
<td>Press [7] one, two, or three times to view which devices are experiencing battery failure. The following will occur:</td>
</tr>
</tbody>
</table>

**Keypad beeps:**
- Press [7] 1 Zones with low batteries (LED keypad - zone lights 1 to 8)
- Press [7] again 2 Handheld keypads with low batteries (LED keypad - zone lights 1 to 4)
- Press [7] again 3 Wireless keys with low batteries (LED keypad - zone lights 1 to 8). To view the battery conditions of wireless keys 9 through 16, you must be at an LCD keypad.
- 8 Loss of time on system clock. To set the system time, follow the instructions in “Setting System Date and Time” on page 12.

To view troubles from an LCD Keypad:
From the Ready state, use the arrow (< >) keys to scroll to the following message.

Press [✱][2] key to view the trouble. The message will read...

Use the arrow (< >) keys to view which troubles are present on the system. Once you have scrolled through the list of troubles, press the [#] key to exit the Trouble Viewing mode and return to the Ready state.

Setting the System Date and Time
To set the system time, enter [✱][6] followed by the Master Code. Press [1]. The keypad will now accept 10 consecutive digits:
- Enter the Time in Hours and Minutes using the 24-Hour format (00:00 to 23:59).
- Enter the Date in Months, Days and Years (MM DD YY).

NOTE: If you have an LCD keypad, your installer may have programmed your system to display the time and date while the keypad is idle. **If this is the case, you may have to press the [#] key to clear the date and time before entering an access code to arm the system, or before performing any other keypad function.**
Testing Your System

Alarm Test
The Alarm Test provides two-second tests of the keypad sounder and bell or siren. Begin with the panel in the Ready state.

From an LED keypad, Enter [✱][6][Master Code][4] then press [#] to return to the Ready state.
From an LCD keypad, press [✱] to enter the function list. Use the arrow (< >) keys to scroll to find “User Functions” and press [✱] to select. Enter your Master Code and scroll to find the following message...

Press [✱] to perform an Alarm Test. The keypad will display the following message...

Press [#] to return to the Ready state.

Full System Test
We recommend that you test your system weekly. Should the system fail to function properly, call your installation company immediately for service.

NOTE: Perform system tests during off-peak hours, such as early morning or late evening.

1. Inform the monitoring station that you are testing your system.
2. Begin with the system in the Ready state.
3. Perform a Bell/Battery test by pressing [✱][6][Master Code][4]. The bell and keypad buzzer will sound for two seconds and all keypad lights will turn ON. Press [#] to exit.
4. Activate each sensor in turn (e.g. open a door/window or walk in motion detector areas).
   - From an LED keypad, observe the zone light turn ON when the zone is activated. The zone light will turn OFF when the system restores to normal (i.e. door or window closed).
   - From an LCD keypad, the following message will be displayed when each zone is activated...

5. If the panel has any fire zones, activation will cause the alarm signal to sound in a pulsed mode.
   
   CAUTION: Do not use an open flame or burning materials to test a smoke or heat detector. Contact your installer for information on safe methods of testing detectors.

6. When testing is complete, call and advise the monitoring station. Should the system fail to function properly, contact your installer.

NOTE: Some features described above will not be functional unless enabled by your installer. Please ensure that your installer has advised you which features are functional on your system.

Door Chime Feature
The door chime feature is used to provide a tone from the keypad each time a door or window is opened or closed. Your installer will program which doors and windows will activate the door chime.

To activate the door chime from an LED Keypad:
Enter [✱][4] to turn the door chime feature ON and OFF. When the command is entered, the keypad buzzer will beep 3 times if the door chime feature is enabled and will sound one long beep if it is disabled.
To activate the door chime from an LCD Keypad:
Press [*] to enter the function list, then scroll to find...
Press [*] or [4] to enable or disable the Door Chime feature. Press [#] to return to the Ready state.

Fire Alarm Operation

Alarm
During a fire alarm, the bell or siren will pulse ON and OFF. The transmission of the alarm to the monitoring station is delayed for 30 seconds. If the alarm is not cleared within the 30-second delay, it will be transmitted to the monitoring station.

Silence
To silence the bell or siren, press the [#] key. If the alarm is silenced and the smoke detector is not reset, the alarm will resound after 90 seconds.

Resetting Smoke Detectors
Once the smoke detector is reset, if it still detects smoke, the alarm sequence will resound as described above. If there is no smoke, the system will return to normal.

To reset smoke detectors from an LED Keypad:
Press [*][7][2].

To reset smoke detectors from an LCD Keypad:
Press [*] to enter the function list. Scroll to find:
Press [*] to select the output control. The display will read...
Use the arrow (< >) keys to find the following message and press the [*] key to select...

NOTE: If you suspect that a fire alarm has transmitted and that there is no fire condition, call the monitoring station to avoid an unnecessary response. If a fire condition is apparent, follow your evacuation plan immediately. If the alarm sounds at night, evacuate immediately.

NOTE: The description above may not be applicable depending on how your installer has programmed the fire alarm operations on your system. Ask your installer for more information regarding your system’s operation.

Household Fire Safety Audit
Most fires occur in the home. To minimize this danger, we recommend that a household fire safety audit is conducted and a fire escape plan is developed.

1. Are all electrical appliances and outlets in a safe condition? Check for frayed cords, overloaded lighting circuits, etc. If you are uncertain about the condition of your electrical appliances or household service, have a professional evaluate these units.
2. Are all flammable liquids stored safely in closed containers in a well-ventilated cool area? Cleaning with flammable liquids should be avoided.
3. Are fire hazardous materials (matches) well out of reach of children?
4. Are furnaces and wood burning appliances properly installed, clean and in good working order? Have a professional evaluate these appliances.
Fire Escape Planning

There is often very little time between the detection of a fire and the time it becomes deadly. It is thus very important that a family escape plan be developed and rehearsed.

1. Every family member should participate in developing the escape plan.
2. Study the possible escape routes from each location within the house. Since many fires occur at night, special attention should be given to the escape routes from sleeping quarters.
3. Escape from a bedroom must be possible without opening the interior door.

Consider the following when making your escape plans:

- Make sure that all perimeter doors and windows are easily opened. Ensure that they are not painted shut, and that their locking mechanisms operate smoothly.
- If opening or using the exit is too difficult for children, the elderly or handicapped, plans for rescue should be developed. This includes making sure that those who are to perform the rescue can promptly hear the fire warning signal.
- If the exit is above the ground level, an approved fire ladder or rope should be provided as well as training in its use.
- Exits on the ground level should be kept clear. Be sure to remove snow from exterior patio doors in winter; outdoor furniture or equipment should not block exits.
- Each person should know of a predetermined assembly point where everyone could be accounted for i.e.: across the street or at a neighbour’s house. Once everyone is out of the building, call the Fire Department.
- A good plan emphasizes quick escape. Do not investigate or attempt to fight the fire, and do not gather belongings or pets as this wastes valuable time. Once outside, do not re-enter the house. Wait for the fire department.
- Write the fire escape plan down and rehearse it frequently so that should an emergency arise, everyone will know what to do. Revise the plan as conditions change, such as the number of people in the home, or if there are changes to the building’s construction.
- Make sure your fire warning system is operational by conducting weekly tests (see “Testing Your System” on page 13). If you are unsure about system operation, contact your installing dealer.
- We recommend that you contact your local fire department and request further information on fire safety and escape planning. If available, have your local fire prevention officer conduct an in-house fire safety inspection.

Maintenance

With normal use, the system requires minimum maintenance. The following points should be observed.

1. Do not wash the security station with a wet cloth. Light dusting with a slightly moistened cloth should remove normal accumulations of dust.
2. The battery/bell test is designed to determine battery condition. We recommended, however, that the stand-by batteries be replaced every three years.
3. For other system devices such as smoke detectors, passive infrared, ultrasonic or microwave motion detectors or glassbreak detectors, consult the respective manufacturer’s literature for testing and maintenance.
FCC COMPLIANCE STATEMENT

CAUTION: Changes or modifications not expressly approved by Digital Security Controls Ltd. could void your authority to use this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Re-orient the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/television technician for help.

The user may find the following booklet prepared by the FCC useful: “How to Identify and Resolve Radio/Television Interference Problems”. This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402, Stock # 004-000-00345-4.

IMPORTANT INFORMATION

This equipment complies with Part 68 of the FCC Rules. On the side of this equipment is a label that contains, among other information, the FCC registration number of this equipment.

NOTIFICATION TO TELEPHONE COMPANY The customer shall notify the telephone company of the particular line to which the connection will be made, and provide the FCC registration number and the ringer equivalence number of the protective circuit.

FCC Registration Number: F53CAN-32028-AL-E
Facility Interface Code: 02LS2
Ringer Equivalence Number: 0.1B
Service Order Code: 9.0F
USOC Jack: RJ31X

TELEPHONE CONNECTION REQUIREMENTS Except for the telephone company provided ringer, all connections to the telephone network shall be made through standard plugs and telephone company provided jacks, or equivalent, in such a manner as to allow for easy, immediate disconnection of the terminal equipment. Standard jacks shall be so arranged that, if the plug connected thereto is withdrawn, no interference to the operation of the equipment at the customer’s premises which remains connected to the telephone network shall occur by reason of such withdrawal.

INCIDENCE OF HARM Should terminal equipment or protective circuitry cause harm to the telephone network, the telephone company shall, where practicable, notify the customer that temporary disconnection of service may be required; however, where prior notice is not practicable, the telephone company may temporarily discontinue service if such action is deemed reasonable in the circumstances. In the case of such temporary discontinue, the telephone company shall promptly notify the customer and will be given the opportunity to correct the situation.

ADDITIONAL TELEPHONE COMPANY INFORMATION The security control panel must be properly connected to the telephone line with a USOC RJ-31X telephone jack.

The FCC prohibits customer-provided terminal equipment be connected to party lines or to be used in conjunction with coin telephone service. Interconnect rules may vary from state to state.

CHANGES IN TELEPHONE COMPANY EQUIPMENT OR FACILITIES The telephone company may make changes in its communications facilities, equipment, operations or procedures, where such actions are reasonably required and proper in its business. Should any such changes render the customer’s terminal equipment incompatible with the telephone company facilities the customer shall be given adequate notice to the effect modifications to maintain uninterrupted service.

RINGER EQUIVALENCE NUMBER (REN) The REN is useful to determine the quantity of devices that you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the RENs of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices that you may connect to your line, you may want to contact your local telephone company.

EQUIPMENT MAINTENANCE FACILITY If you experience trouble with this telephone equipment, please contact the facility indicated below for information on obtaining service or repairs. The telephone company may ask that you disconnect this equipment from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.

Digital Security Controls Ltd. 160 Washburn St., Lockport, NY 14094
WARNING Please Read Carefully

This warning contains vital information. As the only individual in contact with this system, you must take steps to bring each item in this warning to the attention of the users of this system.

System Failures

This system has been carefully designed to be as effective as possible. There are circumstances under which the operation of some or all of the security or emergency systems may be compromised by accidental or intentional actions or due to the presence of uncontrolled or unmonitored conditions which could adversely affect the operation of the system. This includes, but is not limited to:

- System Users be trained in the correct operation of the alarm system and that
- A user may not be able to operate a panic or emergency switch possibly due to
- Any alarm system of any type must be installed properly, other building strength and
- A user may not hear the alarm signal due to
- Smoke Detectors may not be able to operate due to
- This system’s wireless transmitters have been designed to provide several
- It is possible for persons with criminal intent to
- This system contains security features which were known to be effective at
- An evaluation by the
- Walls, ceilings and other building materials must be of sufficient strength
- This system can be compromised deliberately or may fail to operate as expected for a
- There may be circumstances when the system will operate as intended, yet the
- Although every effort has been made to make this system as reliable as possible,
- The warranty for international customers is the same as for any
- Warranty Procedure

Limited Warranty

Digital Security Controls Ltd. warrants the original purchaser that for a period of twelve months from the date of purchase, the product
- Power Failure
- Intruders may enter through an unprotected access point, circumvent a
- Motion Detectors can only detect motion within the designated areas as
- Warning Devices
- Smoke Detectors may not be able to operate due to
- Courtesy Circuits
- Failures of Replaceable Batteries
- System Users
- Compromise of Radio Frequency (Wireless)
- Insufficient Time
- Component Failure
- Inadequate Testing
- Security and Insurance
- Disclaimer of Warranties
- Out of Warranty Repairs

Digital Security Controls Ltd. recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.

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- Any product will be repaired and returned. A set fee which Digital Security Controls Ltd. will not accept any shipment whatsoever for
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- Digital Security Controls Ltd. does not warrant any associated equipment, cost of capital, cost of substitute or replacement
- Digital Security Controls Ltd. reserves the right to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.
- Digital Security Controls Ltd. will not repair or replace any
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• WARNING •

This manual contains information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer. The entire manual should be carefully read.

Instruction Manual