Smoke Detectors

Smoke detectors that are a part of this system may not properly alert occupants of a fire for a number of reasons, some of which follow. The smoke detectors may have been improperly installed or positioned. Smoke may not be able to reach the smoke detectors, such as when the fire is in a chimney, wall or floor, or on the other side of closed doors. Smoke detectors may not detect smoke from an event other than the one installing the system.

Every fire is different in the amount of smoke produced and the rate of burning. Smoke detectors cannot sense all types of fires equally well. Smoke detectors may not provide timely warning of fires caused by 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.

Even if the smoke detector operates as intended, there may be circumstances when there is insufficient warning to allow all occupants to escape in time to avoid injury or death.

Motion Detectors

Motion detectors can only detect motion within the designated areas as shown in their respective installation instructions. They cannot discriminate between intruders and intended occupants. Motion detectors do not provide volumetric area protection. They have multiple beams of detection and motion can only be detected in unobstructed areas covered by these beams. They cannot detect motion which occurs behind walls, ceilings, doors, closed doors, glass partitions, glass doors or windows. Any type of tempting, whether intentional or unintentional such as painting, spraying or sprinkling of any material on the lenses, mirrors, windows or any other part of the detection system will impair its proper operation.

Intruders may enter through an unprotected access point, circumvent a sensing device, evade detection by moving through an area of insufficient coverage, disconnect a warning device, or interfere with or prevent the proper operation of the system.

Maintenance

Most problems that would prevent an alarm system from operating as intended can be found by regular testing and maintenance. The complete system should be tested weekly and immediately after a break-in, an attempted break-in, a fire, a storm, an earthquake, or any kind of construction activity inside or outside the premises. The testing should include all sensing devices, keypads, consoles, alarm indicating devices and any other operational devices that are part of the system.

Security and Insurance

Regardless of its capabilities, an alarm system is not a substitute for property or life insurance. An alarm system also is not a substitute for property owners, renters, or other occupants to act prudently to prevent or minimize the harmful effects of an emergency situation.

Digital Security Controls Ltd. warrants 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 and that in fulfillment of any breach of such warranty, Digital Security Controls Ltd. shall, at its option, repair or replace the defective equipment upon return of the equipment to its repair depot. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of Digital Security Controls Ltd. such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

The foregoing warranty shall apply only to the original buyer, and shall be in lieu of any and all other warranties, express or implied, and of all other agreements or liabilities on the part of Digital Security Controls Ltd. This warranty contains the entire warranty. Digital Security Controls Ltd. neither assumes, nor authorizes any other person purporting 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.

In no event shall Digital Security Controls Ltd. be liable for any direct or indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

Warning: Digital Security Controls Ltd. recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to limitations, it is not possible for this product to fail in performance as expected.
# Quick Reference - System Functions

The following chart lists the basic functions of your system and the keys to press for each function. Refer to the listed page number for more information. **NOTE:** Some functions may not be available on your system. Ask your installer for more information.

<table>
<thead>
<tr>
<th>To do this:</th>
<th>Press this:</th>
<th>See page:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm system (Away):</td>
<td>[access code], leave through entry/exit door</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>OR press  (if enabled)</td>
<td></td>
</tr>
<tr>
<td>Arm system (Quick):</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Arm system (Stay):</td>
<td>[access code], do not exit premises</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>OR press  (if enabled)</td>
<td></td>
</tr>
<tr>
<td>Arm system (No Entry Delay):</td>
<td>[access code]</td>
<td>3</td>
</tr>
<tr>
<td>Bypass zones:</td>
<td>[two-digit zone number(s)],  to exit</td>
<td>5</td>
</tr>
<tr>
<td>Disarm system:</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Exit premises when system armed:</td>
<td>OR press  (if enabled)</td>
<td></td>
</tr>
<tr>
<td>Program access codes:</td>
<td>refer to “Programming Access Codes”</td>
<td>5</td>
</tr>
<tr>
<td>Send Fire message:</td>
<td>(press &amp; hold for 2 seconds, if enabled)</td>
<td>4</td>
</tr>
<tr>
<td>Send Auxiliary message:</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Send Panic message:</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Silence intrusion alarm:</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>Turn door chime on/off:</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>OR press  (if enabled)</td>
<td></td>
</tr>
<tr>
<td>Turn on bypassed zones (if Stay armed):</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>OR press  (if enabled)</td>
<td></td>
</tr>
<tr>
<td>View alarm memory:</td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

# System Information

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

<table>
<thead>
<tr>
<th>Master Code:</th>
<th>Access Code:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zone 1:</td>
<td>Zone 2:</td>
</tr>
<tr>
<td>Entry Time:</td>
<td>Exit Time:</td>
</tr>
<tr>
<td>Central Station Acct. #:</td>
<td>Central Station Tel. #:</td>
</tr>
<tr>
<td>Installer:</td>
<td>Installer Tel. #:</td>
</tr>
</tbody>
</table>

# Turning the door chime on or off

If your installer has enabled the door chime feature, your PC5502Z2 keypad will sound a tone whenever designated doors or windows are opened or closed. Your installer has programmed which doors and windows will activate the door chime.

1. Press  to turn the door chime feature ON. The keypad will beep 3 times.
2. Press  again to turn the door chime feature OFF. The keypad will sound one long beep.

# Programming access codes

Your PC5502Z2 keypad has two 4-digit access codes. Your installer will give you the Master code. The Master code can be used to arm and disarm the system, access system features, and to program the regular access code. The regular access code can only be used to arm and disarm the system, and access system features.

To program the Master code, or the regular access code:

1. Press  [current Master Code]
2. To program the Master code, press [1]. To program the regular access code, press [2]. Zone lights 1 or 2 will flash, depending on which code you have chosen to program.
3. Enter the new code. Access codes must have four digits. Enter digits 0 through 9 only.

**CAUTION:** Do not use obvious codes such as [1111] or [1234].

4. To exit access code programming, press .
5. Record your new codes on the “System Information” section in this booklet.

# Bypassing zones

Use the zone bypassing feature when you will need access to a protected area while the system is armed, or when a zone is temporarily out of service, but you need to arm the system. **Bypassed zones will not be able to sound 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 bypassed again 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 because it is not working, 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.

1. Start with the system in the Ready state. Press .
2. Enter the number of the zone to be bypassed (1 or 2). When a zone is bypassed, the corresponding zone light will turn ON.
3. 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.
4. To exit bypassing mode and return to the Ready state, press .
Using the PC5502Z2

The PC5502Z2 keypad uses lights and sounds to indicate the status of your security system. This manual describes the basic features of the keypad. Please review it thoroughly.

1. Zone Lights
Lights 1 and 2 show the status of zones 1 and 2 on your system. For example, these lights will be on when the zones are open, or when the zones are in alarm.

2. Status Lights

   Ready Light
If the Ready light is ON, the system is ready for arming. The system cannot be armed unless the Ready light is ON.

   Armed Light
If the Armed light is ON, the system has been armed successfully.

   System Light
If the System light is ON, one or more of these conditions could be present on the system:
System troubles: If a trouble condition occurs, 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.

   Alarms in memory: See “Disarming the System”.

   Zones are bypassed: See “Bypassing Zones”.

   Programming: The System light will flash when you are programming access codes, or performing other programming functions. If someone is programming at another keypad, the System light will turn ON to indicate that the system is busy.

3. Number Pad
Use the number pad to enter your code, and to access system functions. To exit a function and return to the Ready state, press 0. To select a function press 1.

4. Function Buttons
If your installer has enabled them, you can use the function buttons to access the stay arm, away arm, door chime, sensor reset and quick exit features. Press and hold the appropriate button for two seconds.

5. Emergency Keys
Press both * keys for two seconds to send a FIRE message. Press both * keys for two seconds to send an AUXILIARY message. Press both * keys for two seconds to send a PANIC message.

   * IMPORTANT NOTE: The Fire, Auxiliary and Panic keys will NOT function unless programmed by the installer. If these keys are in service, when you hold down both keys for two seconds the keypad sounder will beep, indicating that the input has been accepted and sent.
Turning on your system (Arming)

Before you arm your system, make sure the system is Ready:
- If the Ready light is ON, you can arm your system.
- If the System light is ON, check that no zones are bypassed unintentionally.
- If the Ready light is OFF, close all doors and windows and stop motion in all zones with motion detectors.
- If the bell is sounding an alarm, the Ready light will be OFF and you will not be able to arm your system.

Arming your security system – Stay and Away modes

Here are two basic methods for arming your security system. Use the Away arming method when all occupants will be away from the premises. Use the Stay arming method when one or more occupants will stay on the premises.

Away Arming:
When you arm your system using the Away arming method, both interior and border zones will be active and will cause an alarm to sound when opened.
1. Check that your system is ready to be armed.
2. Enter your [access code]. As you enter each digit, the keypad sounder beeps. If you entered a valid access code:
   - The keypad sounder beeps quickly.
   - The exit delay begins and the keypad beeps.
   - If you entered the access code incorrectly, the keypad sounder buzzes steadily for two seconds. Re-enter your access code correctly.
3. Exit the premises through the entry/exit door. At the end of the exit delay, all keypad lights, except the Armed light, turn OFF. The system is now armed.

NOTE: If the System light is ON, there may be one or more zones bypassed (i.e. not armed), or a system trouble may be present. See “Bypassing Zones”. If you arm the system with a zone bypassed or a trouble present, your security protection is reduced.

Stay Arming:
Use the Stay arming method when you want to stay on the premises, but prevent unauthorized entry from outside the premises. The system will arm only the border zones and will bypass the interior zones so that you will be free to move around inside.
1. Check that your system is ready to be armed.
2. Enter your [access code]. As you enter each digit, the keypad sounder beeps. If you entered a valid access code:
   - The keypad sounder beeps quickly.
   - The Armed light comes ON.
   - If you entered the access code incorrectly, the keypad sounder buzzes steadily for two seconds. Re-enter your access code correctly.
3. DO NOT exit the premises through the entry/exit door. The system will automatically bypass interior zones.

Arming bypassed zones
To fully arm the system when it has been armed in Stay mode:
1. Press (if enabled). The interior zones are now armed.

NOTE: This will not work if there are alarms in memory. Please see “Viewing Alarms in Memory”.

2
Exiting when system is armed

**NOTE:** You will not be able to enter areas protected by motion detectors, or open doors or windows protected by door/window contacts. To access these areas, you must enter your [access code] and disarm the system.

**Arming your security system – other methods**

**Quick Arm**
Your installer will tell you if Quick Arming has been enabled on your system. This is a fast way to Away arm your system.

To quick arm:
1. Check that the system is ready to be armed.
2. Press 3. You do not need to enter your access code. The exit delay begins and the keypad beeps.
3. Exit the premises through the entry/exit door.

At the end of the exit delay, all keypad lights, except the Armed light, turn OFF. The system is now armed.

**NOTE:** Pressing 3 will only arm the system. To disarm, you must enter a valid [access code].

**NOTE:** This feature is not enabled on UL listed systems. See your Installer for more information.

**No Entry Arming**
If you want to fully arm the system, and no one else will be entering, you can remove the entry time from zones that normally have one. An entry through any zone will create an instant alarm.

1. Check that your system is ready to be armed.
2. Press 3, then your [access code].

The Armed light will flash as a reminder that the system is armed and has no entry delay.

**Exiting when system is armed**
When the Quick Exit feature is enabled, pressing 3 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.

**Turning off your system (Disarming)**
1. Enter the premises through the designated entry/exit door. The keypad beeps to indicate that you must disarm the system.

**NOTE:** Entering by any other door will immediately cause an alarm.

2. Go to the keypad and enter your [access code]. You must enter a valid access code before the entry time expires. If a valid access code is not entered during this time, the system will sound an alarm.
   
   As soon as the correct code is entered, the Armed light goes out and the keypad stops beeping. If you entered the access code incorrectly, the keypad sounder buzzes steadily for two seconds. Re-enter your access code correctly.
3. If an alarm occurred during the last armed period, the System light will flash, and the lights for the zones in alarm will flash.

**What to do if your system has an alarm**

**WARNING:** If you return to the premises and the bell or keypad buzzer is sounding an alarm do not enter. Contact the local authorities from a nearby safe location.

A two-tone keypad buzzer sound or a steady bell indicates an intrusion alarm. If the bell is ringing, you cannot silence it from the PC550ZZ2 keypad. Contact your alarm system administrator for assistance.

To silence the keypad buzzer:
1. Enter your access code.
2. If the alarm was unintentional, call your central station or local authorities immediately to avoid an unnecessary response.
3. Check the alarm memory display to see which zone caused the alarm. Once the source of the alarm has been corrected, the system will return to the Ready state.

**Viewing Alarms in Memory**

**WARNING:** If the alarm is not sounding, but there is an alarm in memory, it is possible that an intruder may still be on the premises. Go to a nearby safe location and call the local police to investigate.

If an alarm occurred while the system was armed, the System light and the zone light corresponding to the zone that caused the alarm will flash for 30 seconds after the system has been disarmed.

The alarm memory is cleared each time the system is armed. Any alarms showing on the system have occurred only during the last armed period.
1. To cancel the alarm memory display, press during the 30-second display period.
2. After the 30-second period is over, the system will return to the Ready state, but the System light will be ON. To view alarms in memory, press . The zone lights of the zones that were in alarm and the System light will flash.

**Calling for help**

All keypads have three pairs of emergency keys. Using these keys you can send an immediate Fire, Auxiliary or Panic message to your central station.

Press both keys for two seconds to send a FIRE message.
Press both keys for two seconds to send an AUXILIARY message.
Press both keys for two seconds to send a PANIC message.

**IMPORTANT NOTE:** The Fire, Auxiliary and Panic keys will NOT function unless turned ON by the installer. If your installer has turned these keys ON, and enabled audible feedback, holding down the keys for two seconds will cause the keypad sounder to beep indicating that the alarm input has been accepted and transmission to the central station is underway.

**NOTE:** In the U.S.A., do not program the Aux keys for use in medical emergencies as per UL requirements.
Turning the door chime on or off

If your installer has enabled the door chime feature, your PC5502Z2 keypad will sound a tone whenever designated doors or windows are opened or closed. Your installer has programmed which doors and windows will activate the door chime.

1. Press \[4\] to turn the door chime feature ON. The keypad will beep 3 times.
2. Press \[4\] again to turn the door chime feature OFF. The keypad will sound one long beep.

**Programming access codes**

Your PC5502Z2 keypad has two 4-digit access codes. Your installer will give you the Master code. The Master code can be used to arm and disarm the system, access system features, and to program the regular access code. The regular access code can only be used to arm and disarm the system, and access system features.

To program the Master code, or the regular access code:

1. Press \(\star5\) [current Master Code]
2. To program the Master code, press \(1\). To program the regular access code, press \(2\). Zone lights 1 or 2 will flash, depending on which code you have chosen to program.
3. Enter the new code. Access codes must have four digits. Enter digits 0 through 9 only.

**CAUTION:** Do not use obvious codes such as \([1111]\) or \([1234]\).

4. To exit access code programming, press \#.
5. Record your new codes on the “System Information” section in this booklet.

**Bypassing zones**

Use the zone bypassing feature when you will need access to a protected area while the system is armed, or when a zone is temporarily out of service, but you need to arm the system.

**Bypassed zones will not be able to sound 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 bypassed again 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 because it is not working, 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.

1. Start with the system in the Ready state. Press \(\star1\).
2. Enter the number of the zone to be bypassed (1 or 2). When a zone is bypassed, the corresponding zone light will turn ON.
3. 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.
4. To exit bypassing mode and return to the Ready state, press \#.
WARNING

Please Read Carefully

Note to Installers

This warning contains vital information. As the only individual in contact with system users, it is your responsibility to bring each item in this warning to the attention of the users of this system.

System Failures

This system should be designed to be as effective as possible. Some circumstances, however, involving fire, burglary, or other types of emergencies when it may fail to operate as intended. The system cannot be guaranteed to be free of defects in materials and workmanship under normal use and conditions. The manufacturer of this system does not assume any responsibility for injury or property damage either to the system or the property within the premises, resulting from the use of this system. This warranty contains the entire warranty. Digital Security Controls Ltd. neither assumes nor authorizes any other person purporting to act on its behalf to modify, extend or to change this warranty, nor to assume for it any other warranty or liability concerning this product.

A smoke detector may need to be replaced due to the following reasons:

- Some smoke detectors are old and have reached the end of their useful life.
- Some smoke detectors may have been damaged or exposed to smoke or heat.
- Some smoke detectors may have been improperly installed or re-located.

In any event, the following warnings must be closely observed:

- Smoke Detectors

Smoke detectors are designed to give early warning of a fire. A fire warning is essential to allow occupants to escape from the premises. In any emergency situation, always alert the local fire authorities. It is the responsibility of the user to ensure that the system is being used properly and maintained regularly.

- System Users

Those using this system are required to follow the instructions in this manual. Any failure to do so may result in the failure of the system and the loss of protection.

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