COMMUNIQUÉ™

VPM5580TC
Instruction Manual

Version 2.0

DSC™
Security Products

• W A R N I N G •

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.

WARNING Please Read Carefully

System Failures

This system has been carefully designed to be as effective as possible. There are circumstances, however, involving fire, burglary, or other types of emergencies where it may not provide protection. Any alarm system of any type may be compromised deliberately or may fail to operate as expected for a variety of reasons. Some but not all of these reasons may be:

■ Inadequate Installation

A security system must be installed properly in order to provide adequate protection. Every installation should be evaluated by a security professional to ensure that all access points and areas are covered. Locks and latches on windows and doors must be secure and operate as intended. Windows, doors, walls, ceilings and other building materials must be of sufficient strength and construction to provide the level of protection expected. A reevaluation must be done during and after any construction activity. An evaluation by the fire and/or police department is highly recommended if this service is available.

■ Criminal Knowledge

This system contains security features which were known to be effective at the time of manufacture. It is possible for persons with criminal intent to develop techniques which reduce the effectiveness of these features. It is important that a security system be reviewed periodically to ensure that its features remain effective and that it be updated or replaced if it is found that it does not provide the protection expected.

■ Access by Intruders

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.

■ Power Failure

Control units, intrusion detectors, smoke detectors and many other security devices require an adequate power supply for proper operation. If a device operates from batteries, it is possible for the batteries to fail. Even if the batteries have not failed, they must be charged, in good condition and installed correctly. If a device operates only by AC power, any interruption, however brief, will render that device inoperative while it does not have power. Power interruptions of any length are often accompanied by voltage fluctuations which may damage electronic equipment such as a security system. After a power interruption has occurred, immediately conduct a complete system test to ensure that the system operates as intended.

■ Failure of Replaceable Batteries

This system's wireless transmitters have been designed to provide several years of battery life under normal conditions. The expected battery life is a function of the device environment, usage and type. Ambient conditions such as high humidity, high or low temperatures, or large temperature fluctuations may reduce the expected battery life. While each transmitting device has a low battery monitor which identifies when the batteries need to be replaced, this monitor may fail to operate as expected. Regular testing and maintenance will keep the system in good operating condition.

■ Compromise of Radio Frequency (Wireless) Devices

Signals may not reach the receiver under all circumstances which could include metal objects placed on or near the radio path or deliberate jamming or other inadvertent radio signal interference.

■ System Users

A user may not be able to operate a panic or emergency switch possibly due to permanent or temporary physical disability, inability to reach the device in time, or unfamiliarity with the correct operation. It is important that all system users be trained in the correct operation of the alarm system and that they know how to respond when the system indicates an alarm.

■ 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, walls or roofs, or on the other side of closed doors. Smoke detectors may not detect smoke from fires on another level of the residence or building.

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, floor, closed doors, glass partitions, glass doors or windows. Any type of tampering whether intentional or unintentional such as masking, painting, or spraying of any material on the lenses, mirrors, windows or any other part of the detection system will impair its proper operation.

Passive infrared motion detectors operate by sensing changes in temperature. However their effectiveness can be reduced when the ambient temperature rises near or above body temperature or if there are intentional or unintentional sources of heat in or near the detection area. Some of these heat sources could be heaters, radiators, stoves, barbeques, fireplaces, sunlight, steam vents, lighting and so on.

■ Warning Devices

Warning devices such as sirens, bells, horns, or strobes may not warn people or waken someone sleeping if there is an intervening wall or door. If warning devices are located on a different level of the residence or premise, then it is less likely that the occupants will be alerted or awakened. Audible warning devices may be interfered with by other noise sources such as stereos, radios, televisions, air conditioners or other appliances, or passing traffic. Audible warning devices, however loud, may not be heard by a hearing-impaired person.

■ Telephone Lines

If telephone lines are used to transmit alarms, they may be out of service or busy for certain periods of time. Also an intruder may cut the telephone line or defeat its operation by more sophisticated means which may be difficult to detect.

■ Insufficient Time

There may be circumstances when the system will operate as intended, yet the occupants will not be protected from the emergency due to their inability to respond to the warnings in a timely manner. If the system is monitored, the response may not occur in time to protect the occupants or their belongings.

■ Component Failure

Although every effort has been made to make this system as reliable as possible, the system may fail to function as intended due to the failure of a component.

■ Inadequate Testing

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, an accident, 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.

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Introduction

The Communiqué Security Interface Card (VPM5580TC) provides easy to understand audible information about the status of your security system, and makes operation simple by prompting you through each operation. In addition, you can use the VPM5580TC to control various Home Automation items. This new version of the VPM5580TC, designated 'TC' for Thermostat Control, now also allows you to monitor and control the temperature of your premises with the help of an EMS thermostat.

The VPM5580TC allows any touch-tone telephone to act as a keypad for your security system. The telephone could be any telephone that is on the Communiqué system, or an outside telephone which may be used to call the security system.

Some optional features described in this manual may not be available on your security system. You will not hear the voice prompts for any option that is not activated on your system.

In this manual, the voice messages are printed in bold and are enclosed in quotes, as shown here:

"Enter your access code"

Your installer may have programmed labels for the VPM5580TC to announce when it refers to things such as zones and partitions (e.g. you may hear "East wing" instead of "Partition 2"). Prompts that your installer may have changed are written in brace brackets, as shown here:

"To Select {Partition 2}, press [2]."

When instructed to press a key or keys to perform an operation, symbols for the keys will be enclosed in square brackets, as shown here:

Enter [✶]

1.1   About Your Security System

Your DSC security equipment has been designed to give you the greatest possible flexibility and convenience. To fully benefit from the features of your security system, you should read this manual and the Instruction Manual provided with your system very carefully. Have your installer instruct you on system operation and on which features have been activated on your system. All users of the system should be instructed on its use. Fill out the System Information page in your Security System Instruction Manual and store it with the manual in a safe place for future reference.

IMPORTANT NOTE*: A security system cannot prevent emergencies. It is only intended to alert you and, if included, a central 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 operation.

1.2 General System Operation

Your security system is made up of a control panel, keypads, the VPM5580TC, various detection devices, and may have up to four EMS thermostats. The control panel will be mounted out of the way in a utility room or in the 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 persons to have access to the control panel.

The security system has several zones—areas (e.g. rooms) or barriers (e.g. doors, windows) of protection monitored by one or more detection devices (e.g. motion detectors, door contacts, glassbreak detectors or shock sensors).

The regular keypad is an important part of your security system. It is used to send commands to the system and to display system information. Even though a telephone and the VPM5580TC can be used to operate your system, the telephone will not automatically display or indicate system status or zones in alarm. Therefore, it is essential that a regular keypad be placed in a location that is accessible to all users of the security system, and that it be checked regularly for any changes in system status.

1.3 Access Codes

When using a telephone to operate your security system, you will use the same Access Codes you use with the regular keypad. The Master Code and other access codes programmed on your system work the same as on your regular keypad. Refer to your system's instruction manual for further information on access codes.

NOTE: It is recommended that Duress Codes not be used with the VPM5580TC.

Accessing Your Security System

With the VPM5580TC you can use a telephone (touch-tone only) to access your security system. This can be done either from a telephone on the premises (Local Access), or from a telephone off the premises anywhere in the world (Remote Access).

2.1   Local Access

To access your security system from a Communiqué telephone set, press the [**SECURITY**] key. If you are using a telephone connected to a Communiqué DAI station, press [7][3] (Security Functions). The system will announce

<div align="center">

"Hello"

</div>

Depending on the feature activated for your system, the system may then announce

<div align="center">

"Enter Your Access Code".

</div>

Enter your [Access Code].

2.2   Remote Access

From any touch tone telephone, call your telephone number and wait for the automated greeting. During the greeting, press the [✶] key along with a remote access code, if required. Enter [7][3] at the "Enter a feature option" prompt and the system will announce

<div align="center">

"Hello"

</div>

Depending on the feature activated for your system, the system may then announce

<div align="center">

"Enter Your Access Code"

</div>

Enter a valid access code within 20 seconds or the system will hang up. The system will also hang up if 3 incorrect Access Codes are entered.

Once a valid access code has been entered, the system will announce one or more messages to advise of the status of the system.

2.3   Accessing Partitions

The security system has several zones (monitored areas). Each of these zones will be connected to a sensor (motion detectors, glassbreak detectors, door contacts, etc.).

Your installer may have divided the system into different partitons. Each partition includes one or more zones, and can be turned on and off independently of other partitions. Your installer should explain to you which partitions have been programmed, and which zones belong to each partition.

Each partition will have different access codes to arm and disarm them. The access codes assigned to one partition may not work on another partition. However, access codes can be assigned to more than one partition. Your installer will inform you how partitions and access codes have been assigned on your system.

NOTE: If you have a two-partition system, be sure to have your installer explain if your VPM5580TC has been enabled to control one or both partitions.

If You Have a Two-Partition System

If you have a two-partition system, the VPM5580TC may prompt you to select a partition after entering your access code (as in Section 2—Accessing Your Security System). You will have to select a partition only if:

· your VPM5580TC has been enabled to control both partitions
· the access code you enter has been programmed to access both partitions

If both of these are the case, the system will prompt you to select a partition as follows:

"To Select {System}, press [1]."

"To Select {Partition 2}, press [2]."

("{System}" in this case refers to Partition 1)

Press [1] or [2], to select a partition.

The system will announce the status of the selected partition.

NOTE: Prompt words enclosed in brace brackets, "{ }," refer to labels. The system will announce the enclosed word by default unless it has been programmed to announce a specific label (e.g. you might hear "East Wing" instead of "{Partition 2}").

2.4   Fire, Auxiliary and Panic Keys

Your installer may have set up your system so that you can send a Fire, Auxiliary or Panic alarm at the press of a button. If so, using your Communiqué telephone you can:

• send a Fire alarm by pressing and holding the Fire button for 2 seconds

• send an Auxiliary alarm by pressing and holding the Auxiliary button for 2 seconds

• send a Panic alarm by pressing and holding the Panic button for 2 seconds.

Ask your installer for more information.

NOTE: If the keypad lockout has been triggered by the entry of a number of incorrect access codes, the Fire, Auxiliary and Panic alarm buttons will not work.

NOTE: The F, A, P keys can be enabled or disabled for each Communiqué key telephone on the system. Please see your installer for details.

Arming and Disarming

With the VPM5580TC, you can use a telephone to arm your system/partition (so that alarms, or other devices, will be activated when a zone on your premises is breached, such as when an Entry-Exit Door is opened). This can be done either locally or remotely. Similarly, you can use a telephone to disarm the system/partition.

3.1   Away Arming

NOTE: When arming your system/partition from a remote telephone, the system/ partition will automatically be armed in Stay mode. (See section 3.2, below.)

Access your system (Section 2—Accessing Your Security System) and select a partition (Section 2.3—Accessing Partitions).

If the system/partition is ready to be armed, the system will prompt:

"{System} is OFF.
To turn ON, enter your access code."

Enter your [access code]. The system will then announce:

"Turning {System} ON. Exit Delay in progress.
To turn OFF, enter your access code."

If the system/partition is not ready to be armed, the system will prompt:

"{System} is open. {Zone XX}
Secure before turning ON."

When the **"Secure before turning on"** message is heard, ensure that any breached zones on the system/partition are secure (e.g. by closing any open doors that the system/partition monitors) before trying to arm the partition.

NOTE: Depending on the model of control panel you have, you may be able to toggle Stay/Away zones on or off after your system has been armed. See your system's Instruction Manual for more information.

3.2   Stay Arming

Stay Arming allows you to arm the system/partition and remain on the premises. When a system is stay armed, certain zones (Stay/Away zones) will not be armed, so that you can move freely in certain areas of the premises. Your installer should tell you which zones are Stay/Away zones. Stay Arming also cancels the Entry Delay (see the Instruction Manual of your control panel) on the Entry-Exit Doors so that an alarm will sound *immediately* if the Entry-Exit Door is opened.

When the system prompts:

"{System} is OFF.
To turn ON, enter your access code."

Activate the Stay Arming feature by pressing [✶]. The system will then prompt:

"To turn the system ON without Entry Delay, press [9],"

Press [9]. The system will prompt:

"Enter your access code."

Enter your [access code]. The system announces:

"Turning {System} ON without Entry Delay. Exit Delay in progress"

After exit delay expires, the selected partition will now be armed in Stay Mode. Opening the entry-exit door will now sound an immediate alarm.

NOTE: Depending on the model of control panel you have, you may be able to toggle Stay/Away zones on or off after your system has been armed. See your system's Instruction Manual for more information.

3.3   Disarming

IMPORTANT NOTE: If you return to the premises and find that an alarm has occurred while you were away, it is possible that an intruder may still be on the premises. Do not enter the premises. Go to the nearest telephone and contact the authorities.

To disarm your system/partition, first access the system (Section 2—Accessing Your Security System) and select a partition (Section 2.3—Accessing Partitions).

If the selected partition is armed, the system prompts:

"{System} is on. To turn off, enter your access code."

Enter your [access code]. The system announces:

"{System} is off."

If there were no alarms while the system/partition was armed, the system announces:

"No alarms in memory."

If there were any alarms when the system/partition was armed, the system can announce how many there were and which zones were breached (see Section 3.5—Alarm Memory).

When the system/partition is disarmed, additional messages may be announced to advise you of its status, or to allow you to select another partition.

3.4   If An Alarm Sounds While You Are Home

There are two possible types of alarm, a Fire Alarm and an Intrusion Alarm. Each can have its own distinctive tone. Your immediate response will depend on which has been sounded. You should have these responses planned ahead of time.

- **Fire Alarm**

Your installer will inform you if fire detection equipment has been installed and activated on your system.

Fire alarms will sound with a pulsing tone. If a fire alarm sounds, follow your emergency evacuation response plan immediately. Refer to the guidelines for Family Escape Planning (Section 8.2) at the back of this manual to construct your response plan.

NOTE: Delay fire zones will not go into alarm while the VPM5580TC is being accessed.

- **Intrusion Alarm**

Intrusion alarms will sound with either a continuous or pulsed tone (ask your installer). If an intrusion alarm sounds, an intruder may still be on the premises. Go to a safe place immediately. If you are certain that the premises are safe, you can silence the alarm by disarming the system.

If the alarm was unintentional, notify your central station and/or the local authorities immediately to prevent an unnecessary response.

You can determine the cause of an alarm by reviewing the alarm memory (see Section 3.5—Alarm Memory). Once the alarm has been cleared (i.e. zones secured) and the system disarmed, your system/partition can be re-armed.

3.5   Alarm Memory

Your system will record any alarms that occurred while the system/partition was armed. If an alarm occurred while the system/partition was armed, upon disarming it the following message will be announced:

"There are (number) alarms in memory: {Zone XX}."

To hear again the zones that went into alarm, press [✱]. The system will prompt:

"For Alarm Memory, press [3]."

Press [3], and the system will indicate the zones in Alarm Memory:

"There are (number) alarms in memory, {Zone XX}.
To exit, press [#]."

When finished reviewing the zones in alarm memory, press [#] to return to the other system status messages.

3.6   Bypassing Zones

Zones may be bypassed when access is required to part of a protected area while the system/partition is armed. Once a system is armed, bypassed zones will not trigger an alarm when they are breached.

You can only set a zone to be bypassed while the system is disarmed.

To bypass zones, first access the security system (Section 2—Accessing Your Security System) and select a partition (Section 2.3—Accessing Partitions).

The system will prompt:

"{System} is OFF.
To turn ON, enter your access code.
For options, press [✱]."

Press [✱]. The system will announce the list of System Options. The system prompts:

"For Zone Bypassing, press [1]."

Press [1].

If your system requires that you enter an access code to bypass zones, the system will prompt:

"Enter your access code."

Enter your [access code].

The system will announce the Zone Bypass menu:

"There are (number) zones bypassed: {Zone XX}, etc…
To exit, press [#]."

To bypass a zone, enter the one- or two-digit zone number. The system will announce:

" There are (number) zones bypassed: {Zone XX}, etc..
To exit, press [#]."

You can now arm the system/partition at any time (see Section 3.1—Away Arming) and the zone(s) you selected will be bypassed. Zone bypasses are automatically removed each time the system/partition is disarmed and must be reapplied before the next arming. For security reasons, your installer may program your system to prevent the bypass function from affecting certain zones.

Trouble Conditions

The control panel continuously monitors a number of possible trouble conditions. If one or more of these conditions occur, the regular keypad will beep twice every ten seconds. There is no indication on a telephone until the system is accessed.

To hear the trouble conditions present on your system/partition disarm the system (depending on the control panel you have, your system may allow you to enter the Trouble menu without first disarming the system/partition).

Access the security system (Section 2—Accessing Your Security System) and select a partition (Section 2.3—Accessing Partitions).

Press [✶]. You will hear the prompt:

" For System Troubles, press [2]."

Press [2] and the system will announce one or more of the trouble conditions from the list below, if any are present. If no trouble conditions are present, the system will announce:

" There are NO System Troubles.
To exit, press [#]."

The following describes the various trouble conditions that your system might announce:

Announcement:	Problem and how it should be addressed:
"Service is required"	If this message and no other trouble condition is announced, call for service.
"AC Power Trouble."	Electrical power to the system has been interrupted. Check your fuse box or circuit breaker to ensure that the electricity supply for the system is on. If this does not correct the problem, call for service.
"Phone line trouble."	Your system has detected a problem with the telephone line. If this problem does not correct itself, or happens frequently, call for service.
"Communication trouble."	Your system has been unsuccessful in communicating an event to your central station. If you hear this message, call for service immediately.
" Zone Fault, press [5]."	Your system has detected a Zone Fault on one or more zones. Press [5], and the system will announce which zones have a fault. If you are unsure of how to clear a zone fault, call for service.
"Zone tamper, press [6]."	Your system has detected a Zone Tamper on one or more zones. Press [6] and the system will announce which zone(s) have tampers. If you are unsure how to clear the zone tamper, call for service.
"Device low battery, press [7]."	Your system has detected that one or more of the wireless devices on the system has a low battery. Press [7], and the system will announce which devices have a low battery. Change the relevant batteries. If this does not correct the problem, call for service.
"The time and date are incorrect."	If all power to the system is interrupted (AC and battery), the system clock and date will need to be reset. Press [✶], then [6], and the system will provide prompts for you to enter the time and date. If you are unsure of the cause of the system power failure, call for service.

Setting VPM5580TC Options

5.1   Setting The Time and Date

The time and date on the security system will be automatically updated by the Communiqué. To set the time and date on the Communiqué, please see the *Communiqué Operation Manual*.

5.2   Volume Control

The volume of the system messages/prompts can be controlled with this feature.

With the system disarmed (Section 3.3—Disarming), access the security system (Section 2—Accessing Your Security System) and select a partition (Section 2.3—Accessing Partitions).

Press [✶]. You will hear the prompt:

> *" For Special Functions, press [6]."*

Press [6]. The system will prompt:

> *" Enter your Master Code"*

Enter the Master Code. The system will prompt:

> *" For Volume Control, press [2]."*

Press [2]. The system will then announce the current volume setting in one of three ways:

> *" Volume is low. To change volume, press [1]."*
> *"Volume is Medium. To change volume, press [1]."*
> *" Volume is high. To change volume, press [1]."*

Press [1] to toggle through the volume levels until the desired volume is selected.

Press [#] to return to the Special Functions menu.

5.3   Speech Rate Control

The speech rate of the system messages/prompts can be controlled with this feature.

With the system disarmed (Section 3.3—Disarming), access the security system (Section 2—Accessing Your Security System) and select a partition (Section 2.3—Accessing Partitions).

Press [✶]. You will hear the prompt:

> *" For Special Functions, press [6]"*

Press [6]. The system will prompt:

> *" Enter your Master Code"*

Enter the Master Code. The system will prompt:

> *" For Speech Rate control, press [3]"*

Press [3]. The system will then announce the current speech rate in one of two ways:

> *"Speech rate is fast. To change speech rate, press [1]."*
> *"Speech rate is slow. To change speech rate, press [1]."*

Press [1] to toggle between the speech rates until the desired rate is selected.

Press [#] to return to the Special Functions Menu.

5.4   Door Chime Feature

When the Door Chime feature is enabled, a series of beeps will sound from the system's keypads when certain specified zones are opened or closed. Your installer will inform you if the Door Chime feature is enabled, and which zones on the system will activate the chime.

The Door Chime feature can be used to indicate the openings and closings of a door, such as a back door that is not always in sight.

To enable the Door Chime feature you should first disarm your system (Section 3.3—Disarming; depending on the control panel you have, your system may allow you to enable the Door Chime feature without first disarming the partition). Access the security system (Section 2—Accessing Your Security System) and select a partition (Section 2.3—Accessing Partitions).

Press [✶]. You will hear the prompt:

<p align="center">*" For Door Chime control, press [4]."*</p>

Press [4]. You will hear one of the following:

<p align="center">*"Door Chime is ON/OFF"*</p>

To turn the door chime on or off, press [4] again. To exit, press [#].

Home Automation

The Home Automation feature allows you to control items (i.e. devices such as lights, appliances, etc.) with your security system. In addition, if one or more EMS thermostats are installed, temperature can be controlled as well.

Each item on your system may have been assigned to follow one or more preprogrammed schedules by your installer. For example, lights can be turned on and off at certain times of the day, and on certain days of the week. Scheduling can be used to give the premises the occupied appearance while you are away. Your installer should provide you with a list of which items have been programmed to follow which schedules, and the times that each schedule will follow. By knowing their schedules you will know when the various items on your system can be activated.

In addition to items, you may have one or more thermostats on your system. The thermostats control the premises temperature according to temperature ranges called Occupancy Settings. Each thermostat can have up to four different Occupancy Settings, each of which can be assigned to follow one or more schedules. The schedules are programmed by your installer (see Section 6.6—Thermostat Control).

To have schedules programmed or modified, contact your installer.

6.1   Accessing the Home Automation Menu

Local Access

To access Home Automation functions from a Communiqué telephone set, press the [AUTOMATION] key. If you are using a telephone connected to a Communiqué DAI station, press [7][2]. The system will announce

<p align="center">*"Automation section"*</p>

If prompted, enter your access code.

Remote Access

From any touch tone telephone, call your telephone number and wait for the automated greeting. During the greeting, press the [✶] key along with a remote access code, if required.

Enter [7][2] at the *"Enter a Feature Option"* prompt and the system will announce

<p align="center">*"Hello, enter your access code or press [#] to return to remote access options"*</p>

Enter your access code.

6.2   How to Use the Item Control Menu

From the Home Automation menu, press [1]. The system may prompt you to enter your access code. The system will then prompt you with the Item Control menu. This menu allows you to choose individual items (devices which are controlled by Home Automation) and to turn them ON or OFF:

Item Control Menu	*Function*
"[Item XX]."	Indicates the item or device selected.
"To turn ON, press [1]."	Turns ON the item.
"To turn OFF, press [2]."	Turns OFF the item.
"For the next item, press [5]."	Advances to the next item.
"For the previous item, press [6]."	Skips back to the previous item.
"To select item using item number, press [7]."	Lets you select another item by keying in its 2-digit number.
"To exit, press [#]."	Returns to the Home Automation menu.

Dimming

The Dimming feature allows you to increase or decrease the brightness of an item, usually a light.

NOTE: This feature will only be enabled on items capable of dimming.

Items which have this feature enabled will have extra options in the Item Control menu. Only items with the Dimming feature enabled will have these options. If such an item is selected in the Item Control menu the system will announce the menu above with the addition of the following:

Item Control Menu	*Function*
"To increase, press [3]."	Increases the brightness.
"To decrease, press [4]."	Decreases the brightness.

6.3   Mode Control

Modes give you control over groups of items and/or thermostat occupancy settings. When a mode is turned ON, each of the items/thermostat occupancy settings will automatically operate according to the schedule(s) assigned to them. For example, your installer may have programmed one of the modes as a {Vacation mode} that you can turn on to activate premises lights and thermostats while you are away.

Your installer should provide you with a list of the items/occupancy settings that have been assigned to each mode (if any modes are used). Your system has a maximum of 8 modes available.

NOTE: it is important to differentiate a "Mode" from a "Thermostat Mode" as defined in Section 6.6—Temperature Control.

To operate items/thermostats according to modes, you must access the Mode Control menu.

To do this, first access the Home Automation menu, then press [2]. The system will prompt you with the following:

Mode Control Menu	*Function*
"{Mode XX} is OFF/ON."	Indicates whether the current mode is ON or OFF.
"To change, press [1]."	Press [1] to toggle the mode ON or OFF.
"For the next Mode, press [2]."	Press [2] to advance to the next mode.
"For the previous Mode, press [3]."	Press [3] to skip back to the previous mode.
"To exit, press [#]."	Press [#] to return to the Home Automation menu.

Use this menu to select any mode you want, and to turn it ON/OFF.

6.4   Global Item Control

Certain devices controlled by your system may be defined by your installer as Global Items. These items can be controlled together with a single command. For example, all of the lights on the premises may be all programmed as Global Items. You could then turn all the lights on or off at once. Your installer will inform you which automation items on your system are Global Items.

From the Home Automation menu, select Global Item Control by pressing [3]. The system will prompt you with the following:

"To turn Global Items ON, press [1].

To turn Global Items OFF, press [2].

To exit, press [#]."

6.5   Output Control Feature

The Output Control feature allows you to activate a programmable output on the main alarm control panel. This output can be used to temporarily open magnetically locked doors, or perform any function that requires a pulse of voltage to operate it. Up to 4 different output controls are available. Each can be programmed by your installer to activate a variety of devices. Ask your installer for more details.

You may activate an Output Control while the system is armed or disarmed. Access the security system (Section 2—Accessing Your Security System) and select a partition (Section 2.3—Accessing Partitions).

Press [✱]. You will1 hear the prompt:

" For {Output Control}, press [7]."

Press [7]. You will hear the prompts:

"For {Output Control 1}, press [1]."

"For {Output Control 2}, press [2]."

"For {Output Control 3}, press [3]."

"For {Output Control 4}, press [4]."

Press the key corresponding to the Output Control you want to activate.

If an access code is required, you will hear the prompt:

"Enter your access code"

Enter your [access code]. The system will announce:

"{Output Control} in progress"

The system will return to the main menu.

6.6   Temperature Control

Your installer may have connected one or more EMS thermostats to your security system. This will give you control over your premises' indoor temperature locally or remotely from any touch-tone telephone. The thermostat adjusts the temperature by controlling heating and/or cooling devices. By means of voice prompts your system can announce either indoor or outdoor temperatures (outdoor temperature, only if an outdoor sensor is attached).

Each thermostat has four different Occupancy Settings: Day Setting, Night Setting, Auxiliary Setting, and Away Setting. For each Occupancy Setting, you can set a specific temperature range to be followed by the thermostat. Similar to items, each Occupancy Setting can be assigned by your installer to follow one or more schedules. Thus, you can program your thermostat to maintain different temperatures according to different schedules.

You can also use your system to tell a thermostat to function in one of four Thermostat Modes: Off, Cool, Heat, or Automatic. If the thermostat has been connected by your installer to a cooling device (e.g. central air-conditioning system), you can select the Cool Mode to maintain temperature below a certain level with the cooling device. If the thermostat has been connected to a heating device (e.g. furnace system), you can select the Heat Mode to maintain temperature above a certain level with the heating device. If the thermostat has been connected to both a heating device and a cooling device, you may select the Automatic Mode to have your system use both devices to maintain temperature within a certain range.

As with items, your installer can program an Occupancy Setting to operate when a mode is turned ON (see Section 6.3—Mode Control). Your installer can assign each Occupancy Setting to one or more Modes. For example, your installer may assign the Away Occupancy Setting to a {Vacation mode}, which you can turn on to maintain a particular temperature range when you are away.

Temperature Control Menu

To access Thermostat Controls, first access the Home Automation menu (press [Automation]).

Then press [2], to select Temperature Control. Enter your [access code] if you are prompted to do so. The system will now prompt you with the Temperature Control menu:

"For Individual Thermostat Control, press [1]."

"For Mode Control, press [2]"

"To exit, press [#]."

Individual Thermostat Control Menu

To change settings on any thermostat, press [1]. The system will prompt you with the Individual Thermostat Control menu:

Individual Thermostat Control Menu	Function
"[Thermostat XX]."	Indicates the thermostat selected.
"Interior temperature is (XX) degrees."	Indicates the interior temperature.
"Exterior temperature is (XX) degrees."	Indicates the exterior temperature.
"The Occupancy Setting is (Auxiliary/Day/Away/Night)."	Indicates which Occupancy Setting is active.
"The Thermostat Mode is (Off/Cool/Heat/Automatic)"	Indicates which Thermostat Mode is active.
"The Fan is (On/Automatic)."	Indicates the state of the fan. (On = continuous fan; Automatic = fan comes on when heating/cooling device is on)
"To set temperature, press [1]."	Accesses the Temperature Setting menu.
"For Occupancy Setting, press [2]."	Accesses the Occupancy Mode Selection menu.
"For Thermostat Mode, press [3]."	Accesses the Thermostat Mode Selection menu.
"For Fan Control, press [4]."	Accesses the Fan Control menu.
"For the next thermostat, press [5]."	Advances to the next thermostat.
"For the previous thermostat, press [6]."	Skips back to the previous thermostat.
"To select thermostat using thermostat number, press [7]."	Lets you select another thermostat by keying in its 2-digit number.
"To exit, press [#]."	Returns to the Temperature Control menu.

NOTE: Some prompts may not be announced depending how your system is programmed.

To set the temperature range for the current Occupancy Setting, press [1]. The system prompts:

"Cool temperature is (XX) degrees.

Heat temperature is (XX) degrees.

To change Cool temperature, press [1].

To change Heat temperature, press [2].

To exit, press [#]."

To switch the thermostat to a different Occupancy Setting, press [2]. The system prompts:

"The Occupancy Mode is Auxiliary/Day/Away/Night.

To change, press [1].

To exit, press [#]."

To switch the thermostat to a different Thermostat Mode, press [3]. The system prompts:

"The Thermostat Mode is Off/Cool/Heat/Automatic.

To change, press [1].

To exit, press [#]."

To change the fan setting, press [4]. The system prompts:

"The fan is On/Automatic.

To change, press [1].

To exit, press [#]."

6.7   Accessing Temperature Control from an LCD5500Z Keypad

If you have an LCD5500Z keypad on your system, you can access the temperature control menu from there:

1. Press [✶]
2. Use the <> buttons to scroll to the "Thermostat Ctrl" menu.
3. Press [✶].
4. Use the <> buttons to scroll to the thermostat whose settings you want to change. When the desired thermostat is displayed, press [✶].
5. You can now select any of five options:
   • Set Temperature
   • Occupancy Setting
   • Thermostat Mode
   • Fan Control
   • Keypad View

   The first four options allow you to change the settings on the currently selected thermostat, in a similar manner to the VPM5580TC menus described in section 6.6.
   Use the Keypad View option to determine which thermostat's indoor/outdoor temperature to display on the keypad. The keypad will display the temperature when it is not in use. Each keypad can be programmed to display the temperature of a different thermostat.
6. To exit the Thermostat Control menu, press [#].

6.8   Security and Automation Feature Keys

Pressing the Security and Automation keys will provide access to your security system and any home automation features.

To access these features, press the Security/Automation key and follow the voice prompting messages.

To utilize any Security or Automation feature keys, enter the Security or Automation section by pressing the corresponding Security/Automation key. All station keys representing previously programmed feature keys will be lit solid. To view each of the programmed feature keys, press the lit station keys one after the other. When the desired feature is found, press the key again to activate it.

To exit the Security/Automation section, press the Security/Automation key or hang up.

Programming Feature Keys

To program a feature key, enter system programming by pressing the PGM key twice and press the Line 6 key. The display will read...

```
Program Feature
Keys
```

To enter this section, press the Line 6 key again. Station keys 10 and 11 will turn ON and the display will read...

```
Sel Automation
or Security
```

Press the Station 10 key to select the Automation keys and Station 11 key to select the Security keys. If the Station 10 key is pressed, it will begin to flash slowly and the display will read…

```
Automation
Selected
```

To enter this section, press the flashing the Station 10 key again. Station keys 10 through 33 will be either lit solid or flashing quickly depending on how they were previously programmed. If the key is lit solid, there is nothing programmed for that key. The display will read…

```
Sel Automation
Feature Key
```

To select a feature key to program, press the corresponding lit Station key. The key will begin to flash slowly and the display will read…

```
Feature Key
is Undefined
```

To program the feature key, press the flashing Station key again. The display will read…

```
Name?   PGM=DONE
_
```

Enter the name of the feature key using the dialpad and press the PGM key when you have finished. The display will now prompt you to enter the automation keycode that you wish to have the feature key perform. The Hold/Music and All Page keys will both be lit and the display will read…

```
(feature key name)
_
```

Pressing the All Page key will delete a character and the Hold/Music key will insert a function key (see "Function Key Programming" for more details on programming additional function keys).

After the keycode has been entered, press the PGM key to save the entry. The display will now return to the "Sel Automation Feature Key" prompt and the Station key just programmed will be flashing quickly.

To select another Feature key to program, simply press another lit Station key.

To program Security feature keys, press the Station 11 key at the "Sel Automation or Security" prompt and follow the same steps as in programming Automation feature keys.

Editing Feature Keys

To edit an Automation or Security feature key, go to the "Sel Automation or Security" prompt and press a quickly flashing Station key (see "Programming Feature Keys" on the previous page). The display will read…

```
(feature key name)
(feature key code)
```

To edit this feature key, press the PGM key. The display will read…

```
Name?   PGM=DONE
(feature key name)
```

Use the Volume Up and Down keys to move the cursor to different portions of the entry; use the dialpad to make the changes. To save the changes, press the PGM key. The display will read…

```
(feature key name)
(feature key code)
```

Now, you may edit the feature key code in the same way as the name followed by the PGM key to save the changes. The display will return to the "Sel Automation / Security Feature Key" prompt where another feature key may be selected.

To exit system programming, press the Handsfree key.

Function Key Programming

Security feature keys can also be programmed as function keys such as "Stay Arm", "Quick Exit", etc. To program a feature key as a function key, enter "F" (press the HOLD/ MUSIC key) followed by the function key code, and then "F" again. For example, to program a "Stay Arm" function key, enter F 0 3 F.

Function Key List:

Note: Function keys in the Automation section are reserved for future use.

0 3 Stay Arm
0 4 Away Arm
0 5 [✶][9] No-Entry Arm
0 6 [✶][4] Chime ON/OFF
0 7 [✶][6][– – – –][4] System Test
0 8 [✶][1] Bypass Mode
0 9 [✶][2] Trouble Display
1 0 [✶][3] Alarm Memory

1 1 [✶][5] User programming
1 2 [✶][6] User Functions
1 3 Command Output 1
1 4 Command Output 2/Sensor Reset
1 6 [✶][0] Quick Exit
1 7 [✶][1] Reactivate Stay Aways
1 9 Command Output 3
2 1 Command Output 4

Programming Access Codes

S E C T I O N   7

The Access Code Programming feature allows you to program access codes (the Master Code may not be changeable with this feature) that will function on the security system as well as on the Communiqué. Your system will either have 4- or 6-digit access codes. Depending on what model of security system you have, you may have the option to program up to 37 of these codes.

Access codes are programmed as follows:

While disarmed, access your security system (Section 2—Accessing Your Security System) and select a partition (Section 2.3—Accessing Partitions).

Press [✶]. The system will prompt:

"For User Code Programming, press [5]."

Press [5]. The system will then prompt:

"Enter your Master code."

Enter the [master code]. The system will then prompt:

"User Code Programming.

Enter the one-/two-digit User Number.

For User Option Programming, press [9].

Users X, Y and Z are programmed.

To exit, press [#]."

NOTE: Your system may or may not prompt you with the User Option Programming prompt. Please consult your security system's User's Manual for more information on User Options.

Enter the number that specifies which access code you want to program. The system will announce:

"Enter the new 4-/6-digit access code.

To exit, press [#]."

Enter the new code. You will again be prompted:

"User Code Programming.

Enter the one-/two-digit User Number.

For User Option Programming, press [9].

Users X, Y and Z are programmed.

To exit, press [#]."

If you wish to program another access code, enter the user number. If not, press [#] to return to the main menu.

Fire and Safety in the Home

S E C T I O N   8

Most fires occur in the home, and to minimize this danger it is recommended that a household fire safety audit be conducted and a family escape plan be developed.

8.1   Household Fire Safety

Check your home for the following potential hazards:

- Are all electrical appliances and outlets in a safe condition? Check for frayed cords, overloaded lighting circuits, and so on. If you are uncertain about the condition of your electrical appliances or household electrical service, have a professional evaluation.
- Are all flammable liquids stored safely in closed containers in a well-ventilated and cool area? Cleaning with flammable liquids, such as gasoline, should be avoided. Refer to product instructions, printed warnings and labels for information on using and storing hazardous materials safely.
- Are fire hazardous materials (such as matches) well out of the reach of children?
- Are furnaces and wood burning appliances properly installed, clean, and in good working order? If in doubt, have a professional evaluation.

8.2   Family Escape Planning

There is often very little time between the detection of a fire and the time at which it becomes deadly. Because of this, it is very important that a family escape plan be developed, practiced and followed.

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. It is essential that escape from a bedroom be possible without opening the interior door. Consider the following when making your escape plans:
- Make sure that doors and windows that open to the outside are easily opened. Ensure that they are not painted shut and that their locking mechanisms operate smoothly.
- If opening an exit or using an 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 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.
- The family should have a predetermined assembly point where everyone can be accounted for; for example, across the street or at a neighbour's house.
- Once everyone is out of the house, call the Fire Department.
- A good plan emphasizes quick escape. Do not investigate first or attempt to fight the fire, and do not attempt to rescue belongings as this takes up valuable time. Once outside, do not re-enter the house. Wait for the fire department.
- Write the plan down and rehearse frequently, so that should an emergency arise, everybody will know what they are to do. Revise the plan as conditions change; for example, when there are more or fewer family members in the home, or if there are physical changes to the house.
- Make sure your fire warning system is operational by conducting weekly tests. If you are unsure about system operation, contact your installing company.
- It is recommended that you contact your local fire department and request further information on home fire safety and escape planning. If available, have your local fire prevention officer conduct an in-house fire safety inspection.

Glossary

Access Code .... A 4- or 6-digit code that allows users to access arming, disarming and other system functions. Different access codes may be assigned to different users.

Item .... Items are devices (e.g. lights, appliances, etc.) that can be controlled within the Home Automation feature of the VPM5580TC system. Such devices can be controlled using a touch-tone telephone.

Mode................................ Modes give you control over groups of items or thermostat occupancy settings programmed for scheduled or event initiated operation. When a mode is turned ON, each of the items/thermostat occupancy settings will automatically operate according to the schedule(s) or panel events assigned to them.
Example: your installer may have programmed a "Vacation" mode that you can turn on to activate premises lights and thermostats while you are away.

Occupancy Setting........... Each thermostat has four different temperature ranges that can be programmed. These temperature ranges are called Occupancy Settings:

- Day Occupancy Setting
- Night Occupancy Setting
- Auxiliary Occupancy Setting
- Away Occupancy Setting.

These occupancy settings allow you to easily change the temperature range for the area controlled by the thermostat. Depending on which Thermostat Mode is turned on, the thermostat will use either heating or cooling devices to maintain the temperature within the range programmed for the occupancy setting.

Output Control .... A control which allows you to activate an output on the main alarm control panel. This output can be programmed by the installer to activate a variety of devices (e.g. to temporarily open magnetically locked doors).

Partition .... A group of zones on the system which are armed/disarmed and controlled independently of other zones grouped into a separate partition. Each partition has its own keypad and can be assigned its own access codes.

Thermostat Mode .... One of the four modes in which an EMS thermostat can be operating: Off, Heat, Cool, Automatic.

Zone .... An area (e.g. a room) or barrier (e.g. a door) within the premises that is monitored by a detector (e.g. smoke detector, door/window contact, motion detector, glassbreak detector, etc.).

AVIS: L'étiquette de l'Industrie Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme à certaines normes de protection, d'exploitation et de sécurité des réseaux de télécommunications. Industrie Canada n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur.

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de télécommunication. Le matériel doit également être installé en suivant une méthode acceptée de raccordement. L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêchent pas la dégradation du service dans certaines situations.

Les réparations de matériel homologué doivent être effectuées par un centre d'entretien canadien autorisé désigné par le fournisseur. La compagnie de télécommunications peut demander à l'utilisateur de débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise à la terre de la source d'énergie électrique, les lignes téléphoniques et les canalisations d'eau métalliques, s'il y en a, sont raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales.

AVERTISSEMENT: L'utilisateur ne doit pas tenter de faire ces raccordements lui-même; il doit avoir recours à un service d'inspection des installations électriques, ou à un électricien, selon le cas.

L'indice de charge (IC) assigné a chaque dispositif terminal indique, pour éviter toute surcharge, le pourcentage de la charge totale qui peut être raccordée à un circuit téléphonique bouclé utilisé par ce dispositif. La terminaison du circuit bouclé peut être constituée de n'importe quelle combinaison de dispositifs, pourvu que la somme des indices de charge de l'ensemble des dispositifs ne dépasse pas 100.

AC REN:1.4B   DC REN:1.2.

NOTICE: The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. Industry Canada does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

User should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the Load Numbers of all the devices does not exceed 100.

AC REN:1.4B   DC REN:1.2.

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 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 for international customers is the same as for any customer within Canada and the United States, with the exception that Digital Security Controls Ltd. shall not be responsible for any customs fees, taxes, or VAT that may be due.

Warranty Procedure

To obtain service under this warranty, please return the item(s) in question to the point of purchase. All authorized distributors and dealers have a warranty program. Anyone returning goods to Digital Security Controls Ltd. must first obtain an authorization number. Digital Security Controls Ltd. will not accept any shipment whatsoever for which prior authorization has not been obtained.

Conditions to Void Warranty

This warranty applies only to defects in parts and workmanship relating to normal use. It does not cover:

- damage incurred in shipping or handling;
- damage caused by disaster such as fire, flood, wind, earthquake or lightning;
- damage due to causes beyond the control of Digital Security Controls Ltd. such as excessive voltage, mechanical shock or water damage;
- damage caused by unauthorized attachment, alterations, modifications or foreign objects;
- damage caused by peripherals (unless such peripherals were supplied by Digital Security Controls Ltd.);
- defects caused by failure to provide a suitable installation environment for the products;
- damage caused by use of the products for purposes other than those for which it was designed;
- damage from improper maintenance;
- damage arising out of any other abuse, mishandling or improper application of the products.

Digital Security Controls Ltd.'s liability for failure to repair the product under this warranty after a reasonable number of attempts will be limited to a replacement of the product, as the exclusive remedy for breach of warranty. Under no circumstances shall Digital Security Controls Ltd. be liable for any special, incidental, or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability, or any other legal theory. Such damages include, but are not limited to, loss of profits, loss of the product or any associated equipment, cost of capital, cost of substitute or replacement equipment, facilities or services, down time, purchaser's time, the claims of third parties, including customers, and injury to property.

Disclaimer of Warranties

This warranty contains the entire warranty and shall be in lieu 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 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.

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.

Installer's Lockout

Any products returned to DSC which have the Installer's Lock-out option enabled and exhibit no other problems will be subject to a service charge.

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 not accept any shipment whatsoever for which prior authorization has not been obtained.

Products which Digital Security Controls Ltd. determines to be repairable will be repaired and returned. A set fee which Digital Security Controls Ltd. has predetermined and which may be revised from time to time, will be charged for each unit repaired.

Products which Digital Security Controls Ltd. determines not to be repairable will be replaced by the nearest equivalent product available at that time. The current market price of the replacement product will be charged for each replacement unit.

FCC COMPLIANCE STATEMENT

This equipment generates and uses radio frequency energy and if not installed and used properly, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for Class B device in accordance with the specifications in Subpart "B" of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in any residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to television or radio 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
· Relocate the alarm control with respect to the receiver
· Move the alarm control away from the receiver
· Connect the alarm control into a different outlet so that alarm control and receiver are on different circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the FCC helpful: "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

FCC Registration Number: F53CAN-24626-MF-E
AC REN: 1.4B   DC REN: 1.2   Service Order Code: 9.0F
USOC Jack: RJ11C   Authorized Network Ports: 02LS2

MALFUNCTION OF THE EQUIPMENT In the event that this equipment should fail to operate properly, the customer shall disconnect the equipment from the telephone line to determine if it is the customer's equipment which is not working properly, or if the problem is with the telephone company network. If the problem is with this equipment, the customer shall discontinue use until it is repaired.

TELEPHONE CONNECTION REQUIREMENTS Except for the telephone company provided ringers, 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 there 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 temporary discontinue service if such action is deemed reasonable in the circumstances. In the case of such temporary discontinuance, the telephone company shall promptly notify the customer and will be given the opportunity to correct the situation. The customer also has the right to bring a complaint to the FCC if he feels the disconnection is not warranted.

CHANGE 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 of the modifications to maintain uninterrupted service.

GENERAL This equipment should not be used on coin telephone lines. Connection to party line service is subject to state tariffs.

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 REN's of all devices connected to one line should not exceed five (5). 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
Digital Security Controls Ltd.   160 Washburn St. Lockport, NY 14094

DSC™
Security Products