

FCC COMPLIANCE STATEMENT

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

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.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Operating instructions shall be made available to the user.

Des consignes d'utilisation seront rendues disponibles à l'utilisateur.

Las instrucciones de funcionamiento serán puestas a disposición el usuario.

This manual shall be used in conjunction with the Installation Manual of the alarm control panel.

Ce manuel doit être utilisé en conjonction avec le Manuel d'installation du Panneau de contrôle.

Este manual se debe utilizar junto con el Manual de instalación del panel de control.

EN50131-1 Grade 2, Class II



29007787R001



©2010 Digital Security Controls, Toronto, Canada • www.dsc.com
Tech. Support/Centre d'aide technique/Líneas Tech:
1-800-387-3630 (Canada, US), 905-760-3036
Printed in Canada / Impreso en Canadá

PROGRAMMING WORKSHEETS

[000] Keypad Programming

1. Enter [*][8][Installer's code]
2. Enter [000] to go to keypad programming

[0] Keypad Enrollment

Valid entries are 01-18; e.g. enter [11] for partition 1, slot 1.

1st digit: Enter 0 to 8 for partition assignment (0 = Global Keypad).

2nd digit: Enter 1 to 8 for slot assignment

Default: 11

[1]-[4] Function Key Assignments

	[1] Key 1	[2] Key 2	[3] Key 3	[4] Key 4
Defaults	03	04	06	11
	Stay	Away	Chime	[*][5]

NOTE: To assign function keys, please refer to your System's Installation Manual.

[6] LCD5511 Keypad Options

Default	Option ON	OFF
ON	1 Local dock display enabled	Disabled
ON	2 Local dock displays AM/PM	Displays 24 hour time
OFF	3 Open zones override dock display	Do not override
OFF	4 AC icon flashes on loss of power	AC icon not displayed
OFF	5 Alarms not displayed while armed	Always displayed
ON	6 Door chime enabled for zone openings	Disabled
ON	7 Door chime enabled for zone closings	Disabled
OFF	8 Z/P terminal is an output	Z/P is an input

[7] Emergency Key Options

Default	Option ON	OFF
ON	1 [F] key enabled	Disabled
ON	2 [A] key enabled	Disabled
ON	3 [P] key enabled	Disabled
OFF	4-7 For Future Use	
OFF	8 Low temperature warning enabled	Disabled

[8] PGM Terminal

Default: 01

[*] Door Chime Sound Programming

1. Enter [*][8][Installer's code][*]
2. Enter 2-digit zone number [01] - [64], then select door chime sound option [1] - [4]. Repeat for each zone that is to sound a chime.

Zone(s)	Options:	[1]	[2]	[3]	[4]
[01]-[64]		4 beeps (default)	"bing-bing"	"ding-dong"	Alarm Tone

HOJAS DE PROGRAMACIÓN

[000] Programación del teclado

1. Ingrese [*][8][Código de Instalador]
2. Ingrese [000] para acceder a la programación del teclado

[0] Enrolamiento del teclado

Las entradas válidas son 01-18; por ejemplo ingrese [11] para la partición 1, espacio 1.

1er.dígito: Ingrese 0 a 8 para Asignación de Partición (0 = Teclado Global).

2do.dígito: Ingrese 1 a 8 para la asignación de espacio.

De fábrica: 11

[1]-[4] Asignación de Tecla Funcional

	[1] Tecla 1	[2] Tecla 2	[3] Tecla 3	[4] Tecla 4
De fábrica	03	04	06	11
	Presente	Ausente	Campanilla	[*][5]

NOTA: Para mayor información acerca de la asignación de tecla funcional, consulte el Manual de Instalación del panel de control.

[6] Opciones del Teclado LCD5511

De fábrica	Opación SI	NO
SI	1 Reloj local mostrado habilitado	Deshabilitado
SI	2 Reloj local muestra AM/PM	Formato 24 hs.
NO	3 Zonas abiertas sobrescriben el reloj	No sobrescriben el reloj
NO	4 Icono CA intermitente en pérdida de alimentación	Icono CA no se muestra
NO	5 No se muestran alarmas mientras está armado	Se muestran las alarmas
SI	6 Camp. de puerta habilitado para aperturas de zonas	Deshabilitado
SI	7 Camp. de puerta habilitado para cierres de zonas	Deshabilitado
NO	8 Terminal Z/P es una salida	Z/P es una entrada

[7] Opciones de Teclas de Emergencia

De fábrica	Opación SI	NO
SI	1 Tecla [F] habilitada	Deshabilitada
SI	2 Tecla [A] habilitada	Deshabilitada
SI	3 Tecla [P] habilitada	Deshabilitada
NO	4 Para uso futuro	
NO	7 Aviso de Temperatura baja habilitada	Deshabilitada

[8] Terminal PGM

De fábrica: 01

[*] Programación del Sonido de Campanilla de Puerta

1. Ingrese [*][8][Código de Instalador][*]
2. Ingrese el número de zona de 2 dígitos [01] - [64], luego elija la opción de sonido de campanilla de puerta [1] - [4]. Repita este procedimiento para cada zona que activará la campanilla.

Zone(s)	Opciones:	[1]	[2]	[3]	[4]
[01]-[64]		4 tonos (de fábrica)	"bing-bing"	"ding-dong"	Tono Alarma

FOLHAS DE PROGRAMAÇÃO

[000] Programação do Teclado

1. Insira [*][8][Código do Instalador]
2. Insira [000] para acessar a programação do teclado

[0] Registro no Teclado

As inserções válidas são 01-18; p. ex. insira [11] para a partição 1, slot 1.

1º. Dígito: Insira 0 a 8 para atribuição da partição (0 = Teclado Global).

2º. Dígito: Insira 1 a 8 para atribuição do slot.

Padrão: 11

[1]-[4] Atribuições das Teclas de Função

	[1] Tecla 1	[2] Tecla 2	[3] Tecla 3	[4] Tecla 4
Padrões	03	04	06	11
	Presente	Ausente	Carrilhão	[*][5]

NOTA: Para atribuir teclas de função, por favor, refira-se ao Manual de Instalação do seu sistema.

[6] Opções do Teclado LCD5511

Padrão	Opção	Opção ON (ATIVADA)	OFF (DESATIVADA)
ON	1	Exibição do relógio local habilitada	Desabilitada
ON	2	O relógio local exibe AM/PM	Exibe o horário de 24h oras
OFF	3	Zonas abertas sobrepõem a exibição do relógio	Não sobrepõem
OFF	4	O ícone AC pisca quando há perda de alimentação	O ícone AC não é exibido
OFF	5	Alarmes não são exibidos enquanto o sistema está armado	Os alarmes são sempre exibidos
ON	6	Som de carrilhão de porta habilitado para aberturas de zonas	Desabilitado
ON	7	Som de carrilhão de porta habilitado para fechamentos de zonas	Desabilitado
OFF	8	O Terminal Z/P torna-se uma saída	Z/P torna-se uma entrada

[7] Opções das Teclas de Emergência

Padrão	Opção ON	OFF
ON	1 Tecla [F] habilitada	Desabilitada
ON	2 Tecla [A] habilitada	Desabilitada
ON	3 Tecla [P] habilitada	Desabilitada
OFF	4-7 Para uso futuro	Desabilitada
OFF	8 Advertência de baixa temperatura habilitada	Desabilitada

[8] Terminal PGM

Padrão 01

[*] Programação do Som de Carrilhão de Porta

1. Insira [*][8][Código do instalador][*]
2. Insira o número de zona de 2 dígitos [01] - [64] e em seguida selecione a opção de tonalidade do som de carrilhão de porta [1] - [4]. Repita o procedimento para cada zona que deverá emitir o som de carrilhão de porta.

Zone(s)	Opções:	[1]	[2]	[3]	[4]
[01]-[64]		4 bips (padrão)	"bing-bing"	"ding-dong"	Tonalidade de Alarme

Limited Warranty

Digital Security Controls warrants that for a period of 12 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 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 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 is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Digital Security Controls. Digital Security Controls neither assumes responsibility for, 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 be liable for any direct, 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 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.

Important Information: Changes or modifications not expressly approved by Digital Security Controls could void the user's authority to operate this equipment.

Garantía Limitada

Digital Security Controls garantiza que por un período de doce meses desde la fecha de adquisición, el producto estará libre de defectos en materiales y mano de obra bajo condiciones de uso normal y que, en cumplimiento de cualquier violación de dicha garantía, Digital Security Controls, podrá, a su opción, reparar o reemplazar el equipo defectuoso al recibirlo del equipo en su local de servicio. Esta garantía se aplica solamente a defectos en componentes y mano de obra y no a los daños que puedan haberse presentado durante el transporte y manipulación o a daños debidos a causas fuera del control de Digital Security Controls tales como rayos, voltaje excesivo, sacudidas mecánicas, daños por agua, o daños resultados por abuso, alteración o aplicación inadecuada del equipo.

La garantía anterior se aplicará solamente al comprador original y sustituye a cualquier otra garantía, ya sea explícita o implícita, y todas las otras obligaciones y responsabilidades por parte de Digital Security Controls. Esta garantía contiene la garantía total. Digital Security Controls no se compromete, ni autoriza a ninguna otra persona que pretenda actuar a su nombre, a modificar o cambiar esta garantía ni a asumir ninguna otra garantía o responsabilidad con respecto a este producto. En ningún caso, Digital Security Controls será responsable de cualquier daño o perjuicio directo, indirecto o consecuente, pérdidas de utilidades esperadas, pérdidas de tiempo o cualquier otra pérdida incurrida por el comprador con relación a la adquisición, instalación, operación o fallo de este producto.

Advertencia: Digital Security Controls recomienda que el sistema sea probado en su integridad con la debida regularidad. Sin embargo, a pesar de pruebas frecuentes y debido a interferencia criminal o cortes eléctricos, pero no sólo limitado a ellos, es posible que este producto deje de operar en la forma esperada.

Información Importante: Los cambios o modificaciones no aprobados expresamente por Digital Security Controls, pueden cancelar la autoridad del usuario para operar este equipo.

Garantía limitada

A Digital Security Controls garante que, durante un período de 12 meses a partir da data de compra, o produto está isento de defeitos de material e de fabrico sob utilização normal e que, no cumprimento de eventuais falhas abrangidas por garantia, a Digital Security Controls reparará ou substituirá, conforme a mesma entender, o equipamento defeituoso após a devolução deste ao seu entreposto de reparações. Esta garantia abrange apenas defeitos em peças e de fabrico e não abrange danos ocorridos durante o uso, ou danos causados por factos para além do controlo da Digital Security Controls, como raios, voltagens excessivas, choques mecânicos, danos causados por água ou danos resultantes de abuso, alteração ou aplicação incorrecta do equipamento. A garantia precedente aplica-se apenas ao comprador original, sobrepondo-se a todas e quaisquer outras garantias explícitas ou impressas, e a todas e quaisquer outras obrigações e responsabilidades por parte da Digital Security Controls. A Digital Security Controls não assume qualquer responsabilidade por, nem autoriza nenhuma pessoa que afirme representar a ela a modificar ou alterar esta garantia, nem a assumir qualquer outra garantia ou responsabilidade relativa a este produto. Em circunstância alguma será a Digital Security Controls responsável por quaisquer danos directos, indirectos ou consequenciais, perda de lucros previstos, perda de tempo ou quaisquer outras perdas incorridas pelo comprador relacionadas com a compra, instalação, operação ou falha deste produto.

Aviso: A Digital Security Controls recomenda que todo o sistema seja testado de forma integral periodicamente. No entanto, apesar de testes frequentes, é possível que este produto não funcione como esperado devido à, mas não limitado à, alteração criminosa ou à interrupção de electricidade.

Informações importantes: Alterações ou modificações não expressamente aprovadas pela Digital Security Controls podem destituir o utilizador de autoridade para utilizar este equipamento.

LCD5511

Installation Instructions Instrucciones de Instalación Instruções de Instalação



WARNING: Please refer to the System Installation Manual for information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer.

ADVERTENCIA: Este manual, contiene información sobre restricciones acerca del uso y funcionamiento del producto e información sobre las limitaciones, tal como, la responsabilidad del fabricante. Todo el manual se debe leer cuidadosamente.

ADVERTÊNCIA: Por favor, refira-se ao Manual de Instalação do Sistema para informações sobre limitações em relação ao uso do produto, funções, bem como informações adicionais sobre a responsabilidade do fabricante.

INSTALLATION INSTRUCTIONS

The LCD5511 keypad presents system status using an LCD display along with symbols and numbers. The keypad can be used on security systems with up to 64 zones. The LCD5511 is compatible with the following DSC security systems:

- PC580/PC585
- PC5008
- PC1616
- PC1864
- PC1555/PC1565
- PC50XX
- PC1832

Specifications

- Voltage rating: 12Vdc nominal
- Connects to control panel via 4-wire Keypus
- One keypad zone input/PGM output
- Current draw: 22mA (standby)/ 85mA (maximum)
- Optional tamper version
- Four programmable function keys
- Ready (green) and Armed (red) status lights
- Low temperature sensor
- Dimensions: 75 x 120 x 25mm (WxLxD)
- Weight: 120g

Installation

Unpacking

The LCD5511 package includes the following parts:

- One LCD5511 keypad
- one tamper switch
- Four mounting screws
- surface tape
- one end-of-line resistor
- one Installation Manual
- three keypad inner door labels

Mounting

You should mount the keypad where it is accessible to designated points of entry and exit. Once you have selected a dry and secure location, perform the following steps to mount the keypad.

- Remove the keypad backplate by loosening the screw (optional) located at the base of the unit.
- Secure the keypad backplate to the wall in the desired location. Use the screws provided.
- To use the keypad tamper, insert the tamper switch supplied into the opening located in the centre of the backplate.
- For tamper use, try to ensure the backplate is mounted on a smooth, flat surface. If mounting on a rough surface, fasten the enclosed surface tape to the wall to even out the surface area where the tamper will be positioned.
- Before attaching the keypad to its backplate, complete the keypad wiring as described in the next section.

Wiring

- Before wiring the unit, ensure that all power (AC transformer and battery) is disconnected from the control panel.
- Connect the four Keypus wires from the control panel (red, black, yellow and green) to the keypad terminals (R B Y G). Consult the diagram below:

- If programmed as an input, you can connect a device - such as a door contact - to the 'Z/P' terminal of the LCD5511. This eliminates the need to run wires back to the control panel for the device.

To connect the zone, run one wire from the device to the 'Z/P' terminal and the other wire from the device to the B (black) terminal. For powered devices, run the red wire to the R (positive) terminal and the black wire to the B (negative) terminal. When using end of line supervision, connect the zone according to one of the configurations outlined in your system's Installation Manual.

LCD5511



RED BLK YEL GRN To Zone Input
PGM Output

- If the 'Z/P' terminal is programmed as an output, the output follows the PGM programmed in Section [000][8]. A small relay, buzzer or other DC operated device may be connected between the positive supply voltage and the 'Z/P' terminal (maximum load is 50mA).

Applying Power

Once all wiring is complete, apply power to the control panel:

- Connect the battery leads to the battery.
- Connect the AC Transformer.

For more information on control panel power specifications, see the control panel Installation Manual.

NOTE: Do not connect the power until all wiring is complete.

Enrolling the Keypad

Once all wiring is complete, you will need to enter a 2-digit number that tells the system the partition and slot assignment of the keypad.

If your system has partitions, you will need to also assign the keypad to a partition (1st digit).

The slot assignment (2nd digit) tells the panel which keypad slots are occupied. The panel can then generate a fault when a keypad supervisory signal is not present. There are eight available slots for keypads. LCD5511 keypads are always assigned to slot 1 by default. You will need to assign each keypad to its own slot (1 to 8).

Enter the following at each keypad installed on the system:

- Enter Installer Programming by pressing [*][8][Installer's Code]
- Press [000] for Keypad Programming
- Press [0] for Partition and Slot Assignment

- Enter a two digit number to specify the partition and slot assignment.

NOTE: If your system does not have partitions, enter [1] for the first digit.

1st digit: Enter 0 to 8 for partition assignment (0 = Global Keypad).

2nd digit: Enter 1 to 8 for slot assignment.

- Press the [#] key twice to exit programming.

- After assigning all keypads, perform a supervisory reset by entering [*][8][Installer's Code][902]. The panel will now supervise all assigned keypads and enrolled modules on the system.

Programming the Keypad

There are several programming options available for the LCD5511 keypad. These are described below. Record all your programming choices in the programming worksheets included in this manual.

Programming the LCD5511 is similar to programming the rest of the system. When you are in the LCD5511 programming sections, the keypad will display which options are turned on along the top of the display. To turn an option on or off, press the number corresponding to the option on the number pad. The numbers of the options that are currently turned ON will be displayed. For example, if options 1 and 2 are on, see above. For information on programming the rest of your security system, please refer to your system Installation Manual.

Function Key Options

The function keys are programmed in sections [000][1-4]. By default, the 4 function keys on the keypad are programmed as Stay Arm (03), Away Arm (04), Chime (06), Aux (11). You can change the function of each key on every keypad. Please see your system's Installation Manual for instructions on programming the keys, and a complete list of all the function key options available for your system.

Clock Options

The LCD5511 will display the current time after 4 seconds of no key presses. To set the correct time and date for the system, please refer to your system's Instruction Manual. You can change how the keypad displays the time with the following options. To change the clock options:

- Enter [*][8][Installer's code]
- Enter [000] to go to keypad programming
- Enter section [6] to go to clock options.
- To turn any of the options on or off, press [1], [2], or [3].

NOTE: If the Time does not display on keypad option is selected, make sure that the Keypad displays time when zones are open option is also selected.

- [1] ON = Time displays on keypad

OFF = Time does not display on keypad

- [2] ON = Clock display is in 12-hour format (e.g. 08:00).

OFF = Clock display is in 24-hour format (e.g. 20:00)

- [3] ON = Keypad does not display time when zones are open

OFF = Keypad displays time when zones are open

- When you are finished programming the clock options, press [#] to exit.

Alarms Displayed While Armed Option

You can disable the display of alarms on the keypad when the system is armed. The display of alarms is enabled by default. To disable the display of alarms when the system is armed, turn off section [6], option [5]:

- Enter [*][8][Installer's code]

- Enter [000] to go to keypad programming

- To turn the display of alarms on or off, enter section [6].

- Turn option [5] on or off:

- [5] ON = Alarms not displayed while system is armed

OFF = Alarms are always displayed while system is armed

- When you are finished, press [#] to exit.

Emergency Key Options (Fire, Auxiliary, Panic)

You can enable or disable the Fire, Auxiliary and Panic keys at each keypad. These keys are enabled by default. Please see your system's Installation Manual for more information on these keys and their options. To turn any of the emergency keys on or off on the keypad:

- Enter [*][8][Installer's code]

- Enter [000] to go to keypad programming

- Enter section [7].

- To turn the emergency key options on or off, press [1], [2], or [3].

- [1] ON = Fire key enabled

OFF = Fire key disabled

- [2] ON = Auxiliary key enabled

OFF = Auxiliary key disabled

- [3] ON = Panic key enabled

OFF = Panic key disabled

- When complete, press [#] to exit.

Door Chime Options

You can program the LCD5511 keypad to sound a tone when any zone is opened or closed. There are two parts to the LCD5511 door chime programming:

- Program if the LCD5511 will chime when zones are opened and/or closed.
- Program the type of sound the LCD5511 will make when an individual zone is opened or closed.

For the door chime feature to work, you will also need to turn on the Door Chime attribute for each zone that will trigger the chime. This programming is done in the control panel software. Refer to your control panel's Installation Manual for more information.

Door Chime on Zone Openings/Closings

You can program each LCD5511 keypad to sound a door chime when zones are opened and/or when they are closed. By default, LCD5511 keypads are programmed to sound door chimes on both zone openings and closings.

To change the door chime opening/closing settings, at each LCD5511 keypad:

- Enter [*][8][Installer's Code]
- Enter [000] to go to keypad programming
- Enter section [6] to go to clock options.
- To turn the options on or off, press [6] or [7].

- [6] ON = Door Chime Enabled for Zone Openings

OFF = Door Chime Disabled for Zone Openings

- [7] ON = Door Chime Enabled for Zone Closings

OFF = Door Chime Disabled for Zone Closings

- When you are finished, press [#] to exit.

Door Chime Sounds

You can program the LCD5511 keypad to make different door chime sounds for individual zones, or groups of zones. Each LCD5511 keypad can make any of four door chime sounds for each zone that triggers the door chime:

- 4 quick beeps (default sound)
- 'Ding - Ding' tone

- 'Bing - Bing' tone
- 'Alarm' tone

NOTE: For a zone to be able to trigger the door chime sound, the Door Chime zone attribute must also be enabled in the control panel programming. Please see your control panel Installation Manual.

To change the door chime sounds:

- Enter [*][8][Installer's code].

- Enter [1] to go to door chime sound programming.

- Enter a 2-digit number for the zone you want to program [01] - [64].

- Turn one of the following options on by pressing [1], [2], [3], or [4]:

- [1] 4 quick beeps (default sound)

- [2] 'Bing - Bing' tone

- [3] 'Ding - Ding' tone

- [4] 'Alarm' tone

NOTE: Make sure that only one of the above options is turned on. If more than one is on, the keypad will sound the first option that is enabled. If none of the options are selected, the keypad will not make any sound when the zone is opened or closed.

- To program the door chime sound for another zone, repeat steps 3 and 4.

- When you are finished programming the door chime sounds, press [#] to exit.

Zone Input/PGM Output Option

The LCD5511 'Z/P' terminal can be programmed to support one zone input (default) or one PGM output. To change this option:

- Enter [*][8] [Installer Code].

- Enter [000] to go to keypad programming.

- Enter section [6].

- Turn the option on or off by pressing [8].

If Option 8 is ON, the 'Z/P' terminal is an output.

If Option 8 is OFF, the 'Z/P' terminal is an input.

Programming the PGM Number

In order to assign a PGM output to the 'Z/P' terminal, a PGM number must be entered. This number has to be one of the PGM outputs that can be programmed in the panel.

- Enter [*][8] [Installer Code].

- Enter [000] to go to Keypad Programming.

- Enter Section [8].

- Enter the 2-digit PGM number (01-14).

AC Icon (PC5020/PC1616/1832/1864 only)

The AC icon displays the AC is present at the main panel. You can program the LCD5511 to either go out or flash when the AC is not present.

- Enter [*][8][Installer Code].
- Enter [000] to go to Keypad Programming.
- To select the desired operation for the AC icon, enter section [6].

- Turn Option [4] On or Off:

ON = AC Icon flash on loss of power

OFF = AC icon not displayed on loss of power

- When you are finished, press [#] to exit.

Trouble Icon

The Trouble icon is displayed when a system trouble is active.

Low Temperature Warning

The keypad zone can be alternatively programmed to be a low temperature warning instead of a physical zone input. If programmed, the zone will go into alarm at 6°C (+/-2°) and restore at 9°C (+/-2°).

- Enter [*][8] [Installer Code].

- Enter [000] to go to Keypad Programming.

- Enter section [7].

- Enable or disable the low temperature warning by pressing [8].

ON = Low temperature warning enabled

OFF = Low temperature warning disabled

Only 1 of 3 options may be selected for the input/output terminal (Zone, PGM or Low Temperature).

IMPORTANT - READ CAREFULLY: DSC Software purchased with or without Products and Components is copyrighted and is purchased under the following license terms:

- This End-User License Agreement ("EULA") is a legal agreement between **You** (the company, individual or entity who acquired the Software and any related Hardware) and **Digital Security Controls, a division of Tyco Safety Products Canada Ltd.** ("DSC"), the manufacturer of the integrated security systems and the developer of the software and any related products or components ("HARDWARE") which You acquired.
- If the DSC software product ("SOFTWARE PRODUCT" or "SOFTWARE") is intended to be accompanied by HARDWARE and is NOT accompanied by new HARDWARE, You may not use, copy or install the SOFTWARE PRODUCT. The SOFTWARE PRODUCT includes computer software, and may include associated media, printed materials, and "online" or electronic documentation.
- Any software provided along with the SOFTWARE PRODUCT that is associated with a separate end-user license agreement is licensed to You under the terms of that license agreement.
- By installing, copying, downloading, storing, accessing or otherwise using the SOFTWARE PRODUCT, You agree unconditionally to be bound by the terms of this EULA, even if this EULA is deemed to be a modification of any previous arrangement or contract. If You do not agree to the terms of this EULA, DSC is unwilling to license the SOFTWARE PRODUCT to You, and You have no right to use it.

SOFTWARE PRODUCT LICENSE

The SOFTWARE PRODUCT is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties. The SOFTWARE PRODUCT is licensed, not sold.

- GRANT OF LICENSE:** This EULA grants You the following rights:

- Software Installation and Use** - For each license You acquire, You may have only one copy of the SOFTWARE PRODUCT installed.
- Storage/Network Use** - The SOFTWARE PRODUCT may not be installed, accessed, displayed, run, shared or used concurrently on or from different computers, including a workstation, terminal or other digital electronic device ("Device"). In other words, if You have several workstations, You will have to acquire a license for each workstation where the SOFTWARE will be used.
- Backup Copy** - You may make back-up copies of the SOFTWARE PRODUCT, but You may only have one copy per license installed at any given time. You may use the back-up copy solely for archival purposes. Except as expressly provided in this EULA, You may not otherwise make copies of the SOFTWARE PRODUCT, including the printed materials accompanying the SOFTWARE.

2. DESCRIPTION OF OTHER RIGHTS AND LIMITATIONS

- Limitations on Reverse Engineering, Decompilation and Disassembly** - You may not reverse engineer, decompile, or disassemble the SOFTWARE PRODUCT, except and only to the extent that such activity is expressly permitted by applicable law notwithstanding this limitation. You may not make any changes or modifications to the Software, without the written permission of an officer of DSC. You may not remove any proprietary notices, marks or labels from the Software Product. You shall institute reasonable measures to ensure compliance with the terms and conditions of this EULA.
- Separation of Components** - The SOFTWARE PRODUCT is licensed as a single product. Its component parts may not be separated for use on more than one HARDWARE unit.
- Single INTEGRATED PRODUCT** - If You acquired this SOFTWARE with HARDWARE, then the SOFTWARE PRODUCT is licensed with the HARDWARE as a single integrated product. In this case, the SOFTWARE PRODUCT may only be used with the HARDWARE as set forth in this EULA.

- Rental** - You may not rent, lease or lend the SOFTWARE PRODUCT. You may not make it available to others or post it on a server or web site.

- Software Product Transfer** - You may transfer all of Your rights under this EULA only as part of a permanent sale or transfer of the HARDWARE, provided You retain no copies, You transfer all of the SOFTWARE PRODUCT (including all component parts, the media and printed materials, any upgrades and this EULA), and provided the recipient agrees to the terms of this EULA. If the SOFTWARE PRODUCT is an upgrade, any transfer must also include all prior versions of the SOFTWARE PRODUCT.

- Termination** - Without prejudice to any other rights, DSC may terminate this EULA if You fail to comply with the terms and conditions of this EULA. In such event, You must destroy all copies of the SOFTWARE PRODUCT and all of its component parts.

- Trademarks** - This EULA does not grant You any rights in connection with any trademarks or service marks of DSC or its suppliers.

- COPYRIGHT** - All title and intellectual property rights in and to the SOFTWARE PRODUCT (including but not limited to any images, photographs, and text incorporated into the SOFTWARE PRODUCT), the accompanying printed materials, and any copies of the SOFTWARE PRODUCT, are owned by DSC or its suppliers. You may not copy the printed materials accompanying the SOFTWARE PRODUCT. All title and intellectual property rights in and to the content which may be accessed through use of the SOFTWARE PRODUCT are the property of the respective content owner and may be protected by applicable copyright or other intellectual property laws and treaties. This EULA grants You no rights to use such content. All rights not expressly granted under this EULA are reserved by DSC and its suppliers.

- EXPORT RESTRICTIONS** - You agree that You will not export or re-export the SOFTWARE PRODUCT to any country, person, or entity subject to Canadian export restrictions.

- CHOICE OF LAW** - This Software License Agreement is governed by the laws of the Province of Ontario, Canada.

- ARBITRATION** - All disputes arising in connection with this Agreement shall be determined by final and binding arbitration in accordance with the Arbitration Act, and the parties agree to be bound by the arbitrator's decision. The place of arbitration shall be Toronto, Canada, and the language of the arbitration shall be English.

- LIMITED WARRANTY

- NO WARRANTY** - DSC PROVIDES THE SOFTWARE "AS IS" WITHOUT WARRANTY. DSC DOES NOT WARRANT THAT THE SOFTWARE WILL MEET YOUR REQUIREMENTS OR THAT OPERATION OF THE SOFTWARE WILL BE UNINTERRUPTED OR ERROR-FREE.

- CHANGES IN OPERATING ENVIRONMENT** - DSC shall not be responsible for problems caused by changes in the operating characteristics of the HARDWARE, or for problems in the interaction of the SOFTWARE PRODUCT with non-DSC SOFTWARE or HARDWARE PRODUCTS.

- LIMITATION OF LIABILITY; WARRANTY REFLECTS ALLOCATION OF RISK** - IN ANY EVENT, IF ANY STATUTE IMPLIES WARRANTIES OR CONDITIONS NOT STATED IN THIS LICENSE AGREEMENT, DSC'S ENTIRE LIABILITY UNDER ANY PROVISION OF THIS LICENSE AGREEMENT SHALL BE LIMITED TO THE GREATER OF THE AMOUNT ACTUALLY PAID BY YOU TO LICENSE THE SOFTWARE PRODUCT AND FIVE CANADIAN DOLLARS (CAD\$5.00), BECAUSE SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

- 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 DSC. DSC MAKES NO OTHER WARRANTIES. DSC 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 SOFTWARE PRODUCT.

- EXCLUSIVE REMEDY AND LIMITATION OF WARRANTY** - UNDER NO CIRCUMSTANCES SHALL DSC BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES BASED UPON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, SUCH DAMAGES INCLUDED, BUT ARE NOT LIMITED TO, LOSS OF PROFITS, LOSS OF THE SOFTWARE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF SUBSTITUTE OR REPLACEMENT EQUIPMENT, FACILITIES OR SERVICES, DOWNTIME, PURCHASERS TIME, THE CLAIMS OF THIRD PARTIES, INCLUDING CUSTOMERS, AND INJURY TO PROPERTY. **WARNING: DSC recommends that the entire system be completely tested on a regular basis. However, despite testing, DSC does not and does not intend to, criminal tampering or electrical disruption, it is possible for this SOFTWARE PRODUCT to fail to perform as expected.**

