

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.

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

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

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

Las instrucciones de funcionamiento serán puestas a disposición el usuario.

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

EN50131-1 Grade 2, Class II, EN50131-3 Type A.

EN50131-1 grado 2, clase II, EN50131-3 tipo A.

The Model LCD5511 Keypad has been certified by Telecommunication according to EN50131-1:2006 + A1:2009, EN50131-3:2009 for Grade 2, Class II.

Les claviers modèle LCD5511 ont été homologués par Télécommunication conformément à EN50131-1:2006 + A1:2009, EN50131-3:2009 pour Grade 2, Classe II. Los Modelos de Teclado LCD5511 fueron certificados por Telefección, según las normas EN50131-1:2006 + A1:2009, EN50131-3:2009 para Grado 2, Clase II.



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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
- PC50XM
- PC1832

Specifications

- Voltage rating: 12Vdc nominal
- Connects to control panel via 4-wire Keypbus
- 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 (WxHxD)
- Weight: 120g
- Temperature range: -10°C to + 55°C
- Relative Humidity: 93% non condensing
- There are no serviceable parts

Installation

Unpacking

The LCD5511 package includes the following parts:

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

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 Keypbus 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.

PROGRAMMING WORKSHEETS

[000] Keypad Programming

- Enter [*][8][Installer’s code]
- Enter [000] to go to keypad programming

[0] Keypad Enrollment

Valid entries are 01-18; e.g. enter [1] 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: 1) _____

[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 clock display enabled	Disabled
ON _____	2	Local clock displays AM/PM	Displays 24 hour time
OFF _____	3	Open zones override clock 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	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: 0) _____ PGM Output Number (01-14)

[*] Door Chime Sound Programming

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

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- 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 line 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]:

FEUILLES DE PROGRAMMATION

[000] Programmation du clavier

- Entrez [*][8][code de l'installateur]
- Entrez [000] pour accéder à la programmation du clavier.

[0] Assignment du clavier

Les entrées valides sont de 01 à 18. Par exemple, entrez [1] pour la partition 1, emplacement de mémoire 1. Par défaut = 11.

1er chiffre:Entrez 0 à 8 pour accéder à l'assignation de la partition (0 = clavier global).

2e chiffre:Entrez un chiffre de 1 à 8 pour indiquer l'emplacement du clavier.

Défaut: 1) _____

[1] à [4] Assignment des touches de fonction	[1] Touche 1	[2] Touche 2	[3] Touche 3	[4] Touche 4
Défaut:	03	04	06	11
	À domicile	Absent	Carillon	[*][5]
	_____	_____	_____	_____

NOTA: Pour de plus amples informations sur l'assignation des touches de fonction, réétrez-vous au manuel d'installation du panneau de contrôle.

[6] Options pour le clavier LCD5511

Défaut	Option	ACTIVÉE	DÉSACTIVÉE
ACT. _____	1	Affichage de l'heure activé	Désactivée
ACT. _____	2	Heure affiché en mode AM/PM	Mode 24 h
DÉS. _____	3	Les zones ouvertes remplaçant l'affichage de l'heure	Ne remplaçant pas
DÉS. _____	4	L'icône CA d'ignote durant une panne d'alimentation	L'icône CA ne affichées pas
DÉS. _____	5	Les alarmes ne sont pas affichées lorsque le système est armé	Toujours affichées
ACT. _____	6	Carillon de porte activé lors des ouvertures des zones	Désactivée
ACT. _____	7	Carillon de porte activé lors des fermetures des zones	Désactivée
DÉS. _____	8	La borne Z/P™ est une sortie	Z/P™ est une entrée

[7] Options pour les touches d'urgences

Défaut	Option	ACTIVEE	DÉSACTIVÉE
ACT. _____	1	Touche [F] activée	Désactivée
ACT. _____	2	Touche [A] activée	Désactivée
ACT. _____	3	Touche [P] activée	Désactivée
DÉS. _____	4-7	Pour usage futur	
DÉS. _____	8	Captueur de basse température activé	Désactivée

[8] Borne PGM1

Défaut: 0) _____ Numéro de sortie PGM (01-14)

[*] Programmation de la tonalité pour le carillon de porte

- Entrez [*][8][code de l'installateur][*]
- Entrez les 2 chiffres du numéro de la zone [01] à [64] que vous désirez programmer et sélectionnez ensuite une des options de tonalité [1] à [4]. Répétez cette procédure pour chacune des zones qui doit déclencher le carillon de porte.

Zone(s) Options: [1] [2] [3] [4]

[01]-[64] 4 bips (par défaut) "bing-bing" "ding-dong" Tonalité d'alarme

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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].

[5]:

1. Enter [*][8][Installer’s code]

2. Enter [000] to go to keypad programming

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

4. 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 of 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:

1. Enter [*][8][Installer’s code]

2. Enter [000] to go to keypad programming

3. Enter section [7].

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

[1] ON = Fire key enabledOFF = Fire key disabled

[2] ON = Auxiliary key enabledOFF = Auxiliary key disabled

[3] ON = Panic key enabledOFF = 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:

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

2. Enter [000] to go to keypad programming

3. Enter section [6].

4. 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

HOJAS DE PROGRAMACIÓN

[000] Programación del teclado

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

[0] Enrolamiento del teclado

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

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: 1) _____

[1]-[4] Asignación de Teda Funcional	[1] Teda 1	[2] Teda 2	[3] Teda 3	[4] Teda 4
De fábrica	03	04	06	11
	Presente	Ausente	Campanilla	[*][5]
	_____	_____	_____	_____

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

[6] Opciones del Teclado LCD5511

De fábrica	Opción	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	

