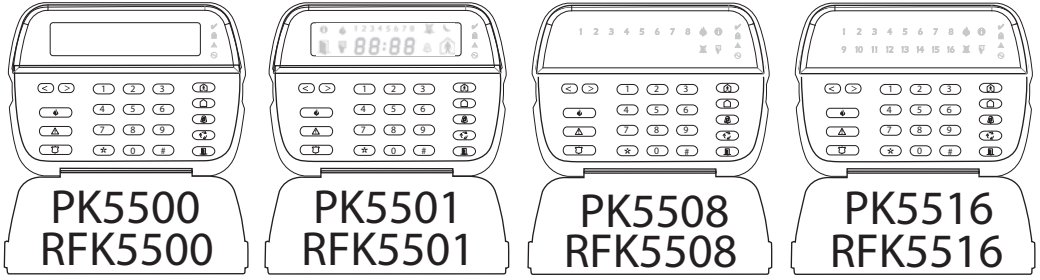
PK55XX/RFK55XX-433

Installation Instructions, Instructions d'Installation, Installatiehandleiding, Asennusohjeet

English, Français, Nederlands, Suomi



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.*
NOTE: *These instructions shall be used in conjunction with the system Installation Manual of the Control Panel with which this equipment is intended to be used.*

ATTENTION: *Ce manuel contient des informations sur les restrictions concernant le fonctionnement et l'utilisation du produit et des informations sur les restrictions en ce qui concerne la responsabilité du fabricant. La totalité du manuel doit être lu attentivement.*
NOTE: *Ce manuel doit être utilisé en conjonction avec le Manuel d'installation du Panneau de contrôle.*

WAARSCHUWING: *Raadpleeg de installatiehandleiding van het systeem voor informatie over beperkingen m.b.t. productgebruik en functie en informatie over de beperkingen m.b.t. aansprakelijkheid van de fabrikant.*
OPMERKING: *Deze instructies dienen te worden gebruikt in combinatie met de installatiehandleiding van het systeem van de centrale waarmee deze apparatuur gebruikt wordt.*

ADVARSEL: *Vennligst se manualen for installasjon av systemet for informasjon om begrensningene angående bruk og funksjon av produktet og informasjon om begrensningene hva angår produsentens ansvar.*
LEGG MERKE TIL: *Disse instruksene skal brukes sammen med manualen til kontrollpanelet for installasjon av systemet som dette utstyret er ment å brukes med.*

DSC®

PowerSeries™

SECURITY SYSTEM

English
Installation Instructions

The PK55XX\RFK55XX keypads can be used on security systems with up to 64 zones. These keypads are compatible with the following DSC security systems:

- PC580
- PC585
- PC1555MX
- PC1565
- PC1616
- PC1832
- PC1864
- PC5005
- PC5008
- PC5010
- PC5015
- PC5016
- PC5020

The RFK55XX keypads combine a wireless receiver with the respective PK55XX keypad.

Specifications

- Temperature range: -10°C to +55°C (14°F to 131°F), Temperature range for UL/ULC: 0°C to +49°C (32°F to 120°F)
- Humidity (MAX): 93%R.H.
- Plastic endosure protection degree: IP30, IK04
- Voltage rating: 12Vdc nominal
- Connects to control panel via 4-wire Keybus
- 1 keypad zone input/PGM output*
- PK55XX Current draw: 50mA (standby)/125mA (maximum)
- RFK55XX Current draw: 75mA (standby)/135mA (maximum)
- Wall mount tamper
- 5 programmable function keys
- Ready (Green LED), Armed (Red LED), Trouble (Yellow LED), AC (Green LED)
- Low temperature sensor
- Frequency: 433.92MHz (RFK55XX-433 Only)
- Up to 32 wireless zones (RFK55XX Only)

NOTE: * Zone not to be programmed as Fire type or 24h type.

Unpacking

The Power keypad package includes the following parts:

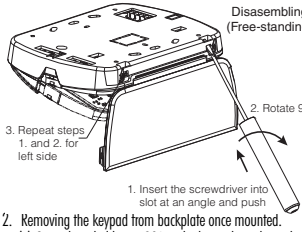
- One Power keypad
- Keypad inner door labels
- Four mounting screws
- 1 tamper switch
- 2 end-of-line resistors
- Installation Instructions

Mounting

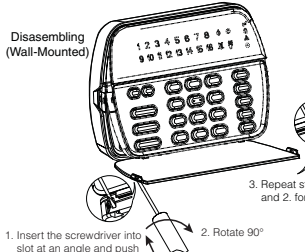
You should mount the keypad where it is accessible to designated points of entry and exit. Once you have selected a dry and secure location, perform the following steps to mount the keypad.

Disassemble Keypad

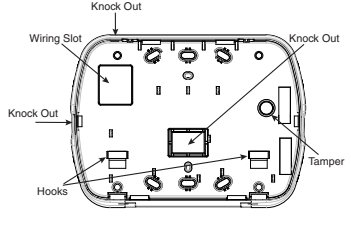
1. Removing the keypad from the backplate for the first time.
   (a) Position the keypad as indicated, insert screwdriver and rotate.

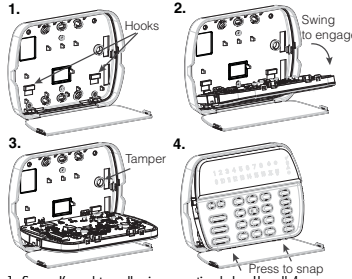


2. Removing the keypad from backplate once mounted.
   (a) Open door, holding it 90° to the keypad, as shown below.
   (b) Insert screwdriver into slot located under the door hinge and rotate the screwdriver.



Mount and Wire Keypad



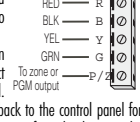


1. Secure Keypad to wall using mounting holes. Use all 4 screws provided unless mounting on a single gang box.
2. Place keypad into hooks on the backplate and swing down to engage.
3. Run wire through wiring slot or knockouts. Connect Keybus and PGM/Zone wiring to keypad. Place tamper switch into tamper hole on backplate.
4. Remove keypad from hooks. Place keypad into backplate, ensure the wire is pushed back into the wall as much as possible. Route the wire inside the keypad ensuring high components are avoided. Snap the front assembly closed, ensuring that there is no pressure to the keypad from the wire below.

NOTE: If any tension found between the front keypad assembly and wiring, please open the keypad reroute the wire and close again. Repeat these steps until the keypad is closed properly.

Wiring

1. Before wiring the unit, ensure that all power (AC transformer and battery) is disconnected from the control panel.
2. Connect the four Keybus wires from the control panel (red, black, yellow and green) to the keypad terminals. Refer to diagram:



3. If programmed as an input, you can connect a device - such as a door contact - to the 'P/Z' terminal of the keypad. 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 'P/Z' 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.

4. If the 'P/Z' terminal is programmed as an output, the output follows the PGM programmed in Section [080]. A small relay, buzzer or other DC operated device may be connected between the positive supply voltage and the 'P/Z' terminal (maximum load is 50mA).

Applying Power

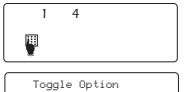
Once all wiring is complete, and the equipment is secured to the building structure with at least two screws apply power to the control panel:

1. Connect the battery leads to the battery.
2. Connect the AC transformer.

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

Programming the Keypad

There are several programming options available for the keypad. These are described below. Programming the keypad is similar to programming the rest of the system. When you are in the keypad 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 4 are on, the display will look like this on the different keypad displays:



For information on programming the rest of your security system, please refer to your system's Installation Manual.

Broadcasting LCD Labels

All LCD programming is done per keypad. If more than one LCD keypad is present on the system, labels programmed at one keypad can be broadcast to all other LCD keypads. Perform the following procedure in order to broadcast labels:

Step 1 - Program one LCD keypad completely.

Step 2 - Make sure all LCD keypads are connected to the Keybus.

Step 3 - Enter keypad programming by pressing [✱][8][Installer Code][✱], then enter section [998] at the keypad that was programmed. The keypad will now broadcast all the information programmed to all the other LCD keypads on the system.

Step 4 - When the keypad is finished press the [#] key to exit.

NOTE: Label broadcast from this keypad is only compatible with other PK5500 and RFK5500 Keypads.

Language Programming
(PK5500\RFK5500 Only)

Hold (< >) keys for 2 seconds to enter language programming, scroll to the desired language and Press [✱] to select.

NOTE: If section [077] option 4 is OFF, language programming can only be performed while in installers programming.

Enrolling the Keypad

The keypad will need to be assigned to a partition and slot if supervision or keypad zones are being used. Keypad assignments and keypad option programming must be done at each keypad individually.

The 1st digit of keypad assignment is used to determine partition assignment (1 to 8). If partitioning is not used, enter [1]. For Global Keypads, enter [0].

NOTE: LED and ICON keypads cannot be programmed as Global Keypads

The 2nd digit of keypad assignment is used to determine slot assignment for keypad supervision. Each keypad will be assigned a different slot number from 1 to 8. PK5500 and RFK5500 LCD keypads come defaulted in slot 8. If LCD keypads are used one LCD keypad must remain in slot 8.

NOTE: The RFK55XX enrolls as two modules:
Light 1 = keypad section of the RFK55XX
Light 17 = receiver section of the RFK55XX
NOTE: Deleting all wireless devices from the RFK55XX or defaulting the RFK55XX will cause a supervisory fault.

Enter the following at each keypad installed on the system:

1. Enter Installer Programming by pressing [✱][8][Installer's Code]
2. Press [000] for Keypad Programming
3. Press [0] for Partition and Slot Assignment
4. Enter the 1st digit (0 to 8 for partition assignment)
5. Enter the 2nd digit (1 to 8 for slot assignment supervision)
6. Press the [#] key twice to exit programming.
7. After assigning all keypads, perform a supervisory reset by entering [✱][8][Installer's Code][902] and wait for 60 seconds.
8. Press the [#] key to exit programming after 60 seconds.

Programming Labels
(PK5500\RFK5500 Only)

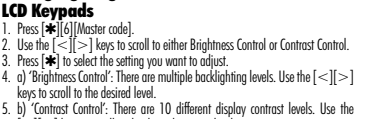
1. Enter keypad programming by pressing [✱][8][Installer Code][✱]. Enter the 3-digit section number for the label to be programmed.
2. Use the arrow keys (< >) to move the underline bar underneath the letter to be changed.
3. Press the number keys [1] to [9] corresponding to the letter you require. The first time you press the number the first letter will appear. Pressing the number key again will display the next letter.

[1] - A, B, C, 1 **[4]** - J, K, L, 4 **[7]** - S, T, U, 7 **[0]** - Space
[2] - D, E, F, 2 **[5]** - M, N, O, 5 **[8]** - V, W, X, 8
[3] - G, H, I, 3 **[6]** - P, Q, R, 6 **[9]** - Y, Z, 9,0

4. When the required letter or number is displayed use the arrow keys (< >) to scroll to the next letter.
5. When you are finished programming the Zone Label, press the [✱] key, scroll to "Save," then press [✱].
6. Continue from Step 2 until all Labels are programmed.

NOTE: Label Programming can also be accessed from the [✱][6] User Functions Menu

ASCII Characters



Changing Brightness/Contrast

LCD Keypads

1. Press [✱][6][Master code].
2. Use the [<][>] keys to scroll to either Brightness Control or Contrast Control.
3. Press [✱] to select the setting you want to adjust.
4. a) 'Brightness Control': There are multiple backlighting levels. Use the [<][>] keys to scroll to the desired level.
5. b) 'Contrast Control': There are 10 different display contrast levels. Use the [<][>] keys to scroll to the desired contrast level.
6. To exit, press [#].

LED/ICON Keypads

1. Press [✱][6][Master Code].
2. Use the [>] key to move through the 4 different backlighting levels.
3. The level is automatically saved when you press [#] to exit.

Changing the Buzzer Level

LCD Keypads

1. Press [✱][6][Master Code].
2. Use the [<][>] keys to scroll to Buzzer Control.
3. There are 21 different levels, use the [<][>] keys to scroll to the desired level.
4. To exit, press [#].

LED/ICON Keypads

1. Press [✱][6][Master Code].
2. Use the [<] key to move through the 21 different buzzer levels.
3. The level is automatically saved when you press [#] to exit.

Keypad Enrollment

Enter keypad programming by pressing [✱][8][Installer's Code][000].

[0] Partition / Slot Assignment

Digit	Option	Valid Range	Default	
1st	Partition Assignment (0=Global Keypad)	0 to 8	1	|___|
2nd	Slot Assignment	1 to 8	LED,ICON=1/LCD=8	|___|

[1]-[5] Function Key Assignment

	Function Key	Button	Valid Range	Default	Function	
[1]	Function Key 1 Assignment		00 to 32	03	Stay Arm	|___|___|
[2]	Function Key 2 Assignment		00 to 32	04	Away Arm	|___|___|
[3]	Function Key 3 Assignment		00 to 32	06	Chime On/Off	|___|___|
[4]	Function Key 4 Assignment		00 to 32	14	Command Output 2	|___|___|
[5]	Function Key 5 Assignment		00 to 32	16	Quick Exit	|___|___|

Keypad Function Keys

Please see your system installation manual for a complete list of all the function key options available for your system.

[00] - Null
[01] - Partition 1 Select
[02] - Partition 2 Select
[03] - Stay Arm
[04] - Away Arm
[05] - No Entry Arm
[06] - Chime On/Off
[07] - System Test
[08] - Bypass Mode
[09] - Trouble Display
[10] - Alarm Memory
[11] - User Programming
[12] - User Functions
[13] - Command Output 1
[14] - Command Output 2
[16] - Quick Exit
[17] - Activate Stay/Away
[19] - Command Output 3
[21] - Command Output 4
[22] - Activate Camera
[23] - Bypass Recall
[24] - Bypass Group Recall
[26] - Time & Date Program
[27] - Partition 3 Select
[28] - Partition 4 Select
[29] - Partition 5 Select
[30] - Partition 6 Select
[31] - Partition 7 Select
[32] - Partition 8 Select

Keypad Programming

Enter keypad programming by pressing [✱][8][Installer Code][✱]

[001]-[064] Zone Label 1 to 64 (PK5500\RFK5500 Only)

ex. For Zone 1 enter section [001], for Zone 2 enter section [002] etc. Default: "Zone 1" - "Zone 64"

Section	Zone	Label
[001] to [064]	1 to 64	|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_| |_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|

[065] Fire Alarm Label (28 Characters) (PK5500\RFK5500 Only)

Default:"Fire Zone"

[065] \|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|
\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|

[066] Fail to Arm Event Message (PK5500\RFK5500 Only)

Default: "System Has Failed to Arm"

[066] \|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|
\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|

[067] Alarm When Armed Event Message (PK5500\RFK5500 Only)

Default: "Alarm Occurred While Armed < >"

[067] \|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|
\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|_\|

[071] First User Display Mask

Default		Option	ON	OFF
ON	|____|	1	Hold [P]anic Key prompt ON	Hold [P]anic Key prompt OFF
ON	|____|	2	Auto-arm Control/Time prompt ON	Auto-arm Control/Time prompt OFF
ON	|____|	3	Quick Arm prompt ON	Quick Arm prompt OFF
ON	|____|	4	Interior Arm prompt ON	Interior Arm prompt OFF
OFF	|____|	5	Quick Exit prompt ON	Quick Exit prompt OFF
OFF	|____|	6	Thermostat Control prompt ON	Thermostat Control prompt OFF
OFF	|____|	7	ACK All Trouble Prompt ON	ACK All Trouble Prompt OFF
OFF	|____|	8	Music Input prompt ON	Music Input prompt OFF

[072] Second User Display Mask

Default		Option	ON	OFF
ON	|____|	1	User-initiated Call-up prompt ON	User-initiated Call-up prompt OFF
OFF	|____|	2	For Future Use	
OFF	|____|	3	Walk Test prompt ON	Walk Test prompt OFF
ON	|____|	4	Command Output#1 prompt ON	Command Output#1 prompt OFF
ON	|____|	5	Command Output#2 prompt ON	Command Output#2 prompt OFF
OFF	|____|	6	Command Output#3 prompt ON	Command Output#3 prompt OFF
OFF	|____|	7	Command Output#4 prompt ON	Command Output#4 prompt OFF
OFF	|____|	8	For Future Use	

[073] Download LCD Message Duration (PK5500\RFK5500 Only)

Default: 003 \|____\|____\|____\| (Valid entries are 000-255), 000=Unlimited Message Disp. This number represents the number of times the Downloaded message is cleared by pressing any key while the message is up after timeout).

[074] Key Options

Default		Option	ON	OFF
ON	____	1	[F]ire Key Enabled	[F]ire Key Disabled
ON	____	2	[A]uxiliary Key Enabled	[A]uxiliary Key Disabled
ON	____	3	[P]anic Key Enabled	[P]anic Key Disabled
OFF	____	4-8	For Future Use	

[076] First Keypad Options

Default		Option	ON	OFF
ON	____	1	Display Code when Programming	Display "Xs" when Programming
ON	____	2	Local Clock Display ON	Local Clock Display OFF
OFF	____	3	Local Clock Displays 24-hr Time	Local Clock Displays AM/PM
ON	____	4	Auto Alarm Memory Scroll Enabled	Auto Alarm Memory Scroll Disabled
OFF	____	5	Local Display of Temperature ON	Local Display of Temperature OFF
ON	____	6	Bypass Options prompt ON	Bypass Options prompt OFF
OFF	____	7	For Future Use	
OFF	____	8	Auto-Scroll Open Zones ON	Auto-Scroll Open Zones OFF

[077] Second Keypad Options

Default		Option	ON	OFF
ON	____	1	Chime Enabled for Zone Openings	Chime Disabled for Zone Openings
ON	____	2	Chime Enabled for Zone Closings	Chime Disabled for Zone Closings
OFF	____	3	5th Terminal is Keypad PGM Output	5th Terminal is Keypad Zone Input
ON	____	4	Language Selection from Any Menu	Language Selection From Installer's
OFF	____	5	Power LED Enabled	Power LED Disabled
ON	____	6	Power LED indicates AC present	Power LED indicates AC absent
ON	____	7	Alarms always Displayed When Armed	Alarms not Displayed When Armed
OFF	____	8	Low Temperature Warning Enabled	Low Temperature Warning Disabled

[080] PGM Terminal 1

Default: 01 _____ PGM Output Number

[101]-[108] Partition Labels (PK5500\RFK5500 Only)

ex. For Partition 1 enter section [101], for Partition 2 enter section [102] etc.

Section	Partition	Label
[101] to [108]	1 to 8	_____

NOTE: Partition 1 Label is also used as the System Label

[120]-[151] Command Output Labels (PK5500\RFK5500 Only)

Default: "Command_O/P_1" - "Command_O/P_4"

For Partition 1 Command O/P 1 to 4 enter [120] to [123]
For Partition 2 Command O/P 1 to 4 enter [124] to [127]
For Partition 3 Command O/P 1 to 4 enter [128] to [131]
For Partition 4 Command O/P 1 to 4 enter [132] to [135]
For Partition 5 Command O/P 1 to 4 enter [136] to [139]
For Partition 6 Command O/P 1 to 4 enter [140] to [143]
For Partition 7 Command O/P 1 to 4 enter [144] to [147]
For Partition 8 Command O/P 1 to 4 enter [148] to [151]

Section	Part	Cmd. Output	Label
[120]-[151]	1to8	1to4	_____

[201]-[264] Door Chime Sound Programming

You can program the keypad to make up to four different door chime sounds for individual zones.
ex. For Zone 1 enter section [201], for Zone 2 enter section [202] etc.

Default		Option	ON	OFF
ON	____	1	6 Beeps	Disabled
OFF	____	2	"Bing-Bing" Sound	Disabled
OFF	____	3	"Ding-Dong" Sound	Disabled
OFF	____	4	Alarm Tone	Disabled
OFF	____	5-8	For Future Use	

[995][✱] Reset Keypad Options to Factory Default

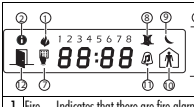
[996][✱] Label Default (PK5500\RFK5500 Only)

[997] View Software Version (PK5500\RFK5500 Only)

[998][✱] Initiate Global Label Broadcast (PK5500\RFK5500 Only)

[999][✱] Reset Keypad EEPROM to Factory Defaults

Keypad Display Symbols



1	Fire — Indicates that there are fire alarms in memory.	8	Bypass — Indicates that there are zones automatically or manually bypassed.
2	Memory — Indicates that there are alarms in memory.	9	For Future Use
3	Ready Light (green) — If the Ready light is on, the system is ready for arming.	10	Arm Mode — Indicates the mode the panel is armed in. Stay — Indicates that the panel is armed in the Stay Mode. It will turn on at the beginning of the Exit Delay. Away — Indicates that the panel is armed in the Away Mode. It will turn on at the beginning of the Exit Delay
4	Armed Light (red) — If the Armed light is on, the system has been armed successfully.	11	Chime — This icon turns on when Door Chime is enabled on the system and will turn off when Door Chime is disabled.
5	System Trouble — Indicates that a system trouble is active.	12	Open — When zones are opened, this icon will turn on, and 7 segment displays 1 and 2 will scroll through the open zones.
6	AC — Indicates that AC is present at the main panel.		
7	Program — Indicates that the system is in Installer's Programming, or the keypad is busy.		

Wireless Integration
(RFK55XX Only)

Compatible Wireless Devices (RFK55XX-433 Only)

The RFK55XX can receive signals from the following devices:

- WLS914-433 Pet Immune PIR
- WS4965 Tri-Zone Contact
- WS4938 Panic Button
- WS4916 Smoke Detector
- WLS912L-433 Glass Break Detector
- WLS904(P)L-433 Pet Immune PIR
- WLS925L-433 Mini Door/Window Contact
- WS49X9 Wireless Keys

Downloading

The RFK55XX product has an integrated wireless receiver. When downloading to this keypad, please select the PC5132-433 v5.1 file. DLS2002 and greater must be used in order to have the capability of downloading to this keypad.

Testing Wireless Devices

1. Temporarily put the wireless devices in the places you want to mount them.
2. At a system keypad, enter [✱][8][Installer Code].
3. Enter programming section [904], then enter the two digit zone number.

NOTE: If global placement test is enabled (Section [90], option 8 ON) enter [01] to test all zones.

4. Activate the device being tested until a result is displayed on the keypad or sounded by the keypad or bell

Result	LED/ICON Keypad	LCD Keypad	Bell/Buzzer
Good	Light 1 ON Steady	Good	1 Beep/Squawk
Bad	Light 3 ON Steady	Bad	3 Beeps/Squawks

Activate the device until you get 3 good results in a row. Wait 10 seconds between each test on the same device. You may mount wireless devices where results were good.

Devices indicating a bad result must be moved to another location. You may only have to move the device a few inches to correct a bad result.

NOTE: Do not mount any device where a "bad" test result was indicated.

Testing Portable Device Reception

To test portable devices (e.g., WS4938, WS4939) press the button(s) at several different points in the installation, to confirm the coverage area. If these devices do not operate from all points in the installation, you will need to move the RFK55XX.

Replacing Wireless Device Batteries

1. Remove the cover of the device from its backplate. This creates a tamper condition on the zone.
2. Refer to the battery installation instructions on the Installation Sheet of each component. Be sure to note the proper orientation of the batteries as you install them.
3. When the fresh batteries are in place, re-attach the cover to the backplate. The tamper is restored and the zone sends a battery trouble restoral signal to the receiver. The battery trouble is now clear and the device should function normally.

NOTE: When batteries in one device need to be replaced, the batteries in all devices should be replaced at the same time.

Troubleshooting

1. When I enter the 2-digit zone number when adding a wireless device, the keypad gives me a long beep.
   - You cannot enter ESNs unless the RFK55XX is properly connected to the Keybus.
2. I have entered the ESN for the device but when I violate the device, the zone does not show open on the keypad.

Check the following:

- Ensure the ESN has been entered correctly
- Ensure that the zone is enabled for the partition (if partition programming is used).
- Ensure that the wireless zone is not assigned to a zone used by PC5108 modules, an on-board zone or a keypad zone.
- Ensure that the zone is programmed for something other than "Null Operation" and that the wireless zone attribute is turned on.

3. When I try a module placement test I get no result or "Bad" results.

Check the following:

- Verify that you are testing the correct zone
- Verify that the correct ESN was entered when the device was enrolled
- Verify that the device is in range of the RFK55XX. Try testing the device in the same room as the receiver.
- Confirm that the RFK55XX is properly connected to the Keybus.
- Check that you are testing the zone correctly. Refer to the instructions that came with the zone.
- Check that the batteries are working and installed correctly.
- Look for large metal objects that may be preventing the signal from reaching the RFK55XX.
- The device must be located where consistent "Good" results are obtained. If several devices show "Bad" results, or if panic pendants and wireless keys operate inconsistently, move the receiver.

4. The LED on the motion detector does not turn on when I walk in front of the unit.
   - The LED on the motion detector is for walk test purposes only. See your WLS904-433/WLS904P(L)-433 Instruction Sheet for walk test instructions.

Notes:

Wireless Programming (RFK55XX Only)

Enter Wireless programming by pressing [✱][8][Installer's Code][804]

[01]-[32] Wireless Device Serial Number Zone Serial Numbers Default = 000000

[01]	Zone 1	[17]	Zone 17
[02]	Zone 2	[18]	Zone 18
[03]	Zone 3	[19]	Zone 19
[04]	Zone 4	[20]	Zone 20
[05]	Zone 5	[21]	Zone 21
[06]	Zone 6	[22]	Zone 22
[07]	Zone 7	[23]	Zone 23
[08]	Zone 8	[24]	Zone 24
[09]	Zone 9	[25]	Zone 25
[10]	Zone 10	[26]	Zone 26
[11]	Zone 11	[27]	Zone 27
[12]	Zone 12	[28]	Zone 28
[13]	Zone 13	[29]	Zone 29
[14]	Zone 14	[30]	Zone 30
[15]	Zone 15	[31]	Zone 31
[16]	Zone 16	[32]	Zone 32

[41]-[56] Wireless Key Serial Number Wireless Key Serial Numbers Default = 000000

[41]	Key 1	[49]	Key 9
[42]	Key 2	[50]	Key 10
[43]	Key 3	[51]	Key 11
[44]	Key 4	[52]	Key 12
[45]	Key 5	[53]	Key 13
[46]	Key 6	[54]	Key 14
[47]	Key 7	[55]	Key 15
[48]	Key 8	[56]	Key 16

[61]-[68] Wireless Function Key Options

Function Key	Key 1	Default	Key 2	Default	Key 3	Default	Key 4	Default
[61] Partition 1		03		04		27		30
[62] Partition 2		03		04		27		30
[63] Partition 3		03		04		27		30
[64] Partition 4		03		04		27		30
[65] Partition 5		03		04		27		30
[66] Partition 6		03		04		27		30
[67] Partition 7		03		04		27		30
[68] Partition 8		03		04		27		30

Keypad Function Keys

Please see your system installation manual for a complete list of all the function key options available for your system.

[00] - Null	[06] - Chime On/Off	[16] - Quick Exit	[27] - Disarm
[03] - Stay Arm	[07] - System Test	[17] - Activate Stay/Away	[28] - Fire Alarm
[04] - Away Arm	[13] - Command Output 1	[19] - Command Output 3	[29] - Auxiliary Alarm
[05] - No Entry Arm	[14] - Command Output 2	[21] - Command Output 4	[30] - Panic Alarm

[69] Wireless Keys (1-16) Partition Assignments Default = 01

Key 1	Key 5	Key 9	Key 13
Key 2	Key 6	Key 10	Key 14
Key 3	Key 7	Key 11	Key 15
Key 4	Key 8	Key 12	Key 16

[81] Wireless supervisory Window

Default: [NA] 96 = 24 hours/ [EU] 10 = 2.5 hours

The window is programmed in 15 minute increments. Valid entries are 10 to 96, equal to 2.5 to 24 hours.

[82]-[85] Zone Device Supervision Options

Default ON	[82] Zone	Supervision ON/OFF	[83] Zone	Supervision ON/OFF	[84] Zone	Supervision ON/OFF	[85] Zone	Supervision ON/OFF
Option 1	1		9		17		25	
Option 2	2		10		18		26	
Option 3	3		11		19		27	
Option 4	4		12		20		28	
Option 5	5		13		21		29	
Option 6	6		14		22		30	
Option 7	7		15		23		31	
Option 8	8		16		24		32	

[90] Other Options

NA Default	EU Default		Option	ON	OFF
OFF	OFF		1-4	For Future Use	
ON	OFF		5	RF Delinquency Disabled	RF Delinquency Enabled
OFF	OFF		6	For Future Use	
ON	OFF		7	RF Jam Detect Disabled	RF Jam Detect Enabled
OFF	OFF		8	Global Placement Test	Individual Placment Test

NOTE: For UL Listed installations, the RF Jam detect feature must be enabled.

NOTE: For DD243 installations, the RF delinquency feature should be enabled.

NOTE: Supervision must be enabled for RF Delinquency.

[93] RF Jam Detect Zone

Default: 00 Valid entries = 01 - 32, 00 = No RF Jam tone selected.

Select an unused zone that will be set to the tamper state when a jamming signal is detected.

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 fulfilment 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.

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.

IC:160A-RFK55XX4

The term IC before the radio certification number signifies that the Industry Canada technical specifications were met.

EN5131-1 Grade2/Class II

Operating Instructions shall be made available to the user.

DSC erklærer herved at denne komponenten overholder alle viktige krav samt andre bestemmelser gitt i direktiv 1999/5/EC.

Por este meio, a DSC, declara que este equipamento está em conformidade com os requisitos essenciais e outras determinações relevantes da Directiva 1999/5/EC.

'DSC bekräftar härmed att denna apparat uppfyller de väsentliga kraven och andra relevanta bestämmelser i Direktivet 1999/5/EC'.

Con la presente la Digital Security Controls dichiara che questo prodotto è conforme ai requisiti essenziali ed altre disposizioni rilevanti relative alla Direttiva 1999/05/CE.

Por la presente, DSC declara que este equipo está en conformidad con los requisitos esenciales y otros requisitos relevantes de la Directiva 1999/5/EC.

Hierdurch erklärt DSC, daß dieses Gerät den erforderlichen Bedingungen und Vorrausetzungen der Richtlinie 1999/5/EC entspricht.

'Δία του παρόντος, η DSC, δηλώνει ότι αυτή η συσκευή είναι σύμφωνη με τις ουσιώδης απαιτήσεις και με όλες τις άλλες σχετικές αναφορές της Οδηγίας 1999/5/ΕC'.

Hierbij verklaart DSC dat dit toestel in overeenstemming is met de eisen en bepalingen van richtlijn 1999/5/EC.

Par la présente, DSC déclare que cet article est conforme aux éxigences essentielles et autres relevantes stipulations de la directive 1999/5/EC.

DSC vakuuttaa laitteen täyttävän direktiivin 1999/5/EC olennaiset vaatimukset.

Hereby, DSC, declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

The complete R & TTE Declaration of Conformity can be found at www.dsc.com/intl/rttedirect.htm.