
WARNING: 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.

PC1616/PC1832/PC1864 User Manual

PowerSeries™

v4.6 and higher

SECURITY SYSTEM

Arming & Disarming the System ✓✓

Arming (Turning On/Setting)

Close all sensors (i.e. stop motion and close doors). The Ready (✓) indicator should be on.

To arm, press and hold the Away Key (🏠) for _____ or enter your Access Code, or press [*][0] to Quick Arm. During the setting state (exit delay) the Ready (✓) indicators will turn on, and the keypad will sound one _____ per second. You now have _____ seconds to leave the premises (please check with your installer to have this time programmed). To cancel the arming sequence, enter your access code.

Away Arming (Turned On/Set) ✓✓

When the exit delay is completed, the alarm system is armed/set and this is indicated on the keypad as follows: the Ready (✓) indicator will turn off, the Armed indicator will remain on and the keypad will stop sounding.

Quick Exit

If the system is armed and you need to exit, use the Quick Exit function to avoid disarming and rearming the system. Press and hold the Quick Exit key (🚪) for 2 seconds or press [*][0]. You now have 2 minutes to leave the premises through your exit door. When the door is closed again, the remaining exit time is cancelled.

Bell/Siren Sounds After Away Arming

Audible Exit Fault

In an attempt to reduce false alarms, the Audible Exit Fault is designed to notify you of an improper exit when arming the system in the Away mode. In the event that you fail to exit the premises during the allotted exit delay period, or if you do not securely close the Exit/Entry door, the system will notify you that it was improperly armed in two ways: the keypad will emit one continuous beep and the bell or siren will sound.

Your installer will tell you if this feature has been enabled on your system. If this occurs:

1. Re-enter the premises.
2. Enter your [access code] to disarm the system. You must do this before the entry delay timer expires.
3. Follow the Away arming procedure again, making sure to close the entry/exit door properly. (See "Away Arming (Turned On/Set)".)

Arming Error

An error tone will sound if the system is unable to arm. This will happen if the system is not ready to arm (i.e. sensors are open), or if an incorrect user code has been entered. If this happens, ensure all sensors are secure, press [#] and try again. Please check with your installer to determine if arming is inhibited by any other means.

Disarming (Turning Off /Unsetting) ✓✓

Enter your access code to disarm anytime the system is armed (Armed (🔒) indicator is on). The keypad will beep if you walk through the entry door. Enter your code within _____ seconds to avoid an alarm condition (please check with your installer to have this time programmed).

Disarming Error

If your code is invalid, the system will not disarm and a 2-second error tone will sound. If this happens, press [#] and try again.

Stay Arming (Partially Turning On / Part Setting)

Ask your alarm company if this function is available on your system.

Stay arming will bypass the interior protection (i.e. motion sensors) and arm the perimeter of the system (i.e. doors and windows). Close all sensors (i.e. stop motion and close doors). The Ready (✓) indicator should be on. Press and hold the Stay key (Ⓜ) for 2 seconds and/or enter your Access Code and do not leave the premises (*if your installer has programmed this button*). During the setting state (exit delay active), the Armed (🔒) and Ready (✓) indicators will turn on.

When the exit delay is completed, the alarm system is armed/set and this is indicated on the keypad as follows: the Ready (✓) indicator will turn off, the Armed (🔒) indicator will remain on and the keypad will stop sounding. The Armed (🔒) indicator and Bypass or System indicator will turn on. The system will automatically bypass certain interior sensors (i.e. motion sensors).

NOTE: For SIA FAR listed panels, the Stay Arming Exit Delay will be twice as long as the Away Arming Exit Delay.

Night Arming

To fully arm the system when it has been armed in Stay Mode, press [*][1] at any keypad. All interior zones will now be armed except for devices programmed as Night Zones. Night zones are only armed in Away mode, this permits limited movement within the premises when the system is fully armed. Ensure that your installer has provided you with a list identifying zones programmed as night zones. When the interior zones have been activated (i.e., *(1) you must enter your access code to disarm the system to gain access to interior areas that have not been programmed as night zones.

No-Entry Arming

This allows the system to be armed without an Entry Delay from zones that normally have one.

An entry through any zone will then create an instant alarm.

1. Check that your system is ready to be armed (Ready light is ON)
2. Press [*][9], then your [access code].
 - The Armed light flashes as a reminder that the system is armed and has no entry delay.
 - The keypad sounds fast beeps.
 - The keypad displays "Exit Delay in Progress".
3. The system is now armed in Stay mode.

Silent Exit Delay

If the system is armed using the Stay key (Ⓜ) (Programmable Function Key) or using the "No Entry" Arming method ([*][9][access code]), the audible progress annunciation (keypad buzzer) will be silenced, and the exit time will be doubled for that exit period only (CP-01 versions only).

Time & Date Programming

Press [*][6] plus your Master Access Code or press the time programming function key (programmed by your installer). If you have a Time and Date trouble, press [8] from within the trouble menu. Press [1] to select Time and Date.

When using the PK5500/RFK5500/RFK5564, use the [<][>] scroll keys to find the menu option and press [*] to select. Enter the time in 24-hr format (HH:MM), followed by the date (MM:DD:YY). Press [#] to exit programming.

NOTE: If you have an LCD keypad, your installer may have programmed your system to display the time and date while the keypad is idle. If this is the case, you can press the [#] key to clear the date and time display.

Bypassing Zones

Use the zone bypassing feature when you need access to a protected area while the system is armed, or when a zone is temporarily out of service, but you need to arm the system. Bypassed zones will not be able to sound an alarm. Bypassing zones reduces the level of security. If you are bypassing a zone because it is not working, call a service technician immediately so that the problem can be resolved and your system returned to proper working order. Ensure that no zones are unintentionally bypassed when arming your system. Zones cannot be bypassed once the system is armed. Bypassed zones are automatically cancelled each time the system is disarmed and must be bypassed again, if required, before the next arming.

NOTE: 24-hour zones can only be unbypassed manually.

NOTE: For security reasons, your installer has programmed the system to prevent you from bypassing certain zones (e.g., smoke detectors).

Bypassing Zones with a PK5500/RFK5500/RFK5564

Start with disarming the system.

1. Press **[*]** to enter the function menu. The keypad will display "Press * for < > Zone Bypass".
2. Press [1] or **[*]**, then your [access code] (if required). The keypad will display "Zone Search < > Zone Name".
3. Enter the two-digit number of the zone(s) to be bypassed (01-64).



You can also use the [**<**][**>**] keys to find the zone to be bypassed, and then press **[*]** to select the zone. The keypad will display "Zone Search < > "Zone Name?". "B" will appear on the display to show that the zone is bypassed. If a zone is open (e.g., door with door contact is open), the keypad will display "Zone Search < > "Zone Name" O". If you bypass the open zone, a "B" will replace the "O".

4. To unbypass a zone, enter the two-digit number of the zone(s) to be bypassed (01-64). You can also use the [**<**][**>**] keys to find the zone, and then press **[*]** to select the zone. The "B" will disappear from the display to show that the zone is no longer bypassed.
5. To exit bypassing mode and return to the Ready state, press **[#]**.

Bypassing Zones with a PK5508/PK5516/PK5501/RFK5508/RFK5516/RFK5501


1. Disarm the system.
2. Press **[*]**[1], then your [access code] (if required).
3. Enter the two-digit number of the zone(s) to be bypassed (01-64). On PK5508/PK5516/RFK5508/RFK5516 keypads, the zone light will turn on to indicate that the zone is bypassed.
4. To unbypass a zone, enter the two-digit number of the zone (01-64). On PK5508/PK5516/RFK5508/RFK5516 keypads, the zone light will turn off to indicate that the zone is not bypassed.
5. To exit bypassing mode and return to the Ready state, press **[#]**.

Trouble Conditions


When a trouble condition is detected, the Trouble () or System indicator will turn on, and the keypad will beep every 10 seconds. Press the [#] key to silence the beeps. Press [*][2] to view the trouble condition. The Trouble () or System indicator will flash. The corresponding trouble will be represented by numbers 1-8.

LED/ DIGIT	Trouble Condition	Comments	Action
1	Service Required (Press [1] for more details)	(1) Low Battery (2) Bell Circuit (3) System Trouble (4) System Tamper (5) Module Supervision (6) RF Jam Detected (7) PC5204 Low Battery (8) PC5204 AC Failure	Call for service
2	Loss of AC Power	If the building and/or neighbourhood has lost electrical power, the system will continue to operate on battery for several hours.	Call for service
3	Telephone Line Fault	The system has detected that the telephone line is disconnected.	Call for service
4	Failure to Communicate	The system attempted to communicate with the monitoring station, but failed. This may be due to Trouble 3.	Call for service
5	Sensor (or Zone) Fault	The system is experiencing difficulties with one or more sensors on the system. Press 5 to display the zone.	Call for service
6	Sensor (or Zone) Tamper	The system has detected a tamper condition with one or more sensors on the system. Press 6 to display the zone.	Call for service
7	Sensor (or Zone) Low Battery	The system has detected a low battery condition with one or more modules/sensors on the system. Continue to press 7 to display the zone, keypad, wireless key(s) and RF Delinquency low battery conditions. Press 7 again to see zone troubles.	Call for service
8	Loss of Time & Date	If complete power was lost (AC and Battery), the time and date will need to be re-programmed.	Re-program Time & Date (page 6)

Door Chime (Entry/Exit Beeps)

To turn the door chime function on or off, press and hold the Chime key () for 2 seconds or press [*][4].

Access Code Programming

In addition to the Master Access Code, you can program up to 94 additional User Access codes (access codes 1-48 for PC1616, access codes 1-72 for PC1832 and access codes 1-95 for PC1864). Press [*][5], plus your Master Access Code. The Program or System indicator will begin to flash, and the Armed () indicator will turn on.

Enter the 2-digit number to be programmed (i.e. 06 for user access code 6; enter 40 for the Master Access Code).

When using the PK5500/RFK5500/RFK5564, use the [<][>] keys to find the specific code and press [*] to select. Enter the new 4 or 6-digit access code, or press [*] to erase it. When programming is complete, enter another 2-digit code to program or press [#] to exit.

For systems using multiple partitions/areas, access codes can be assigned to specific or multiple partitions/areas. Please contact your alarm company for details.

The access codes have programmable attributes which allow zone bypassing, remote access using the ESCORT5580TC or one-time use activation.

When using 6-digit access codes, the minimum number of variations of access codes are 20833 for the PC1616, 13888 for the PC1832 and 10638 for the PC1864.

Access Codes



[*][5][Master Code] (when disarmed)

The [*][5] User's Programming command is used to program additional access codes.

User Codes - User Codes 1-48 are available for the PC1616. User Codes 01-72 are available for the PC1832. User Codes 1-95 are available for the PC1864.

Master Code (Access Code 40) - The Master Code can only be changed by the Installer, if programmed.

Supervisor Codes - These codes are always valid when entering the [*][5] User Code Programming section. However, these codes can only program additional codes which have equal or lesser attributes. Once programmed, the Supervisor Codes receive the Master Code's attributes. These attributes are changeable. Any User Code can be made a supervisor code by enabling User Code Attribute 1 (please see below for details).

Duress Codes - Duress codes are standard User Codes that will transmit the Duress Reporting Code whenever the code is entered to perform any function on the system. Any User Code can be made a Duress Code by enabling User Code Attribute 2 (please see below for details).

NOTE: Duress codes are not valid when entering [*][5], [*][6] or [*][8] sections.

NOTE: Access codes cannot be programmed as a duplicate or as a "Code +/- 1".