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Dsc Pc5005 Manual

By continue to navigate through this site or by clicking Approve, you consent to the use of cookies on your device as described in our. Since the company's genesis, the experts at DSC have been leading the way. From our revolutionary control panels, to our industry-leading IP alarm monitoring products and now to our sleek, contemporary self-contained wireless panels, DSC has always been front and center in the security space. ISO 9001 Registered. Page Count 56 PC5005 Version 3.2 DLS3 v1.3 and higher See PC5200 Power Supply Output Module, Pg 2. PC5936 Support The PC5005 v3.2 and higher supports the PC5936 15station audio matrix module. See PC5936 Audio Interface Module, Pg 2. No Activity Arming by Partition This feature enables the system or partition to arm if there is no zone activity for a programmed time period. Programmable Auto Arm PreAlert Timer The AutoArm PreAlert Time is now programmable. The default value for this timer has been extended to 5 minutes. Periodic Test Transmission Exception With this feature enabled, the panel will not send a test transmission if there has been any transmission received by the receiver within the programmed time. True Automatic Contact ID When selecting Automatic Contact ID for reporting, the reporting code will represent how a zone is defined according to the SIA specification for Contact ID. If Automatic Contact ID is enabled, see Appendix A for reporting codes that will be used for each zone type. Keypad Buzzer Alarm When enabled and the system or Partition is in alarm, all assigned keypad buzzers will follow the bell output. When disabled, the keypad buzzers will only sound for buzzer type alarms. This option is off at default. <http://www.sanitconsulting.it/public/userfiles/cuisinart-espresso-machine-em-100-manual.xml>

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Zone Type 27 Delayed 24 Hour Waterflow Zone Zone Type 28 Instant 24 Hour Waterflow Zone Zone Type 29 Auto Verified Fire Zone Zone Type 30 Fire Supervisor y Zone Zone Type 31 Day Zone Waterflow Silence Inhibit Option This option affects the Instant Waterflow Zone and the Delay Waterflow Zone. This option does NOT allow the user to silence alarms, manually, automatically, or by a system reset until all waterflow zones are returned to their restored state. Verbal Door Chime and Verbal Alarm Support This feature enables the Door Chime to verbally announce the Zone that has been violated instead of a series of beeps. This feature is only available when using the ESCORT5580 v3.0, and the PC5936 v1.0. Refer to the Escort5580 v3.0 and PC5936 v1.0 Installation Manuals for further information. Fast Loop Response The PC5005 v3.2 can configure any or all onboard zones for 36 ms Loop Response. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. On the side of this equipment is a label that contains, among other information, the FCC registration number of this equipment. Notification to Telephone Company The customer shall notify the telephone company of the particular line to which the connection will be made, and provide the FCC registration number and the ringer equivalence of the protective circuit. FCC Registration Number F53CAN343 30ALE Ringer Equivalence Number 0. <http://ck-buhgalter.ru/userfiles/cuisinart-em100c-manual.xml>

1B USOC Jack RJ31X Telephone Connection Requirements Except for the telephone company provided ringers, all connections to the telephone network shall be made through standard plugs and telephone company provided jacks, or equivalent, in such a manner as to allow for easy, immediate disconnection of the terminal equipment. Standard jacks shall be so arranged that, if the plug connected thereto is withdrawn, no interference to the operation of the equipment at the customer's premises which remains connected to the telephone network shall occur by reason of such withdrawal. Incidence of Harm Should terminal equipment or protective circuitry cause harm to the telephone network, the telephone company shall, where practicable, notify the customer that temporary disconnection of service may be required; however, where prior notice is not practicable, the telephone company may temporarily discontinue service if such action is deemed reasonable in the circumstances. In the case of such temporary discontinuance, the telephone company shall promptly notify the customer and will be given the opportunity to correct the situation. Additional Telephone Company Information The security control panel must be properly connected to the telephone line with a USOC RJ31X telephone jack. The FCC prohibits customer provided terminal equipment be connected to party lines or to be used in conjunction with coin telephone service. Interconnect rules may vary from state to state. Changes in Telephone Company Equipment or Facilities The telephone company may make changes in its communications facilities, equipment, operations or procedures, where such actions are reasonably required and proper in its business.

Should any such changes render the customer's terminal equipment incompatible with the telephone company facilities the customer shall be given a adequate notice to the effect modifications to maintain uninterrupted service. Ringer Equivalence Number REN The REN is useful to determine the quantity of devices that you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the RENs of all devices connected to one line should not exceed five 5.0. To be certain of the number of devices that you may connect to your line, you may want to contact your local telephone company. Equipment Maintenance Facility If you experience trouble with this telephone equipment, contact the facility indicated below for information on obtaining service or repairs. The telephone company may ask that you disconnect this equipment from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning. Digital Security Controls Ltd. 160 Washburn St., Lockport, NY 14094 The user interface is simple and easy to use. The LCD5500Z keypad guides users through their available options with easy-to-understand prompts. The PC5005 main board comes with 4 programmable outputs, and you can add up to 12 more using PC5204 and PC5208 modules. You can program the outputs to control things such as doorstrikes and lights, using 25 different output options. Review the complete Power8 manual set before installing the Power8 security system. 1.2 About the Power8 Manual Set Installer Manuals Read the entire manual carefully before beginning your installation. Be sure to record all your system programming in the Programming Worksheets. If you will be adding modules to your Power8 system, read the Installation Instructions that come with each module. User Guide One user guide comes with the Power8 system.

<https://www.informaquiz.it/petrgenis1604790/status/flotaganis24062022-0847-0>

The User's Guide provides easy-to-follow instructions for end users. You can connect any combination of the following listed. Up to 32 wireless addressable devices can be added to the system. PC5132 Wireless Receiver Module The PC5132 Wireless Receiver module can be used to connect up to 32 fully supervised wireless devices. See the PC5132 Installation Manual for details. PC5200 Power Supply Output Module The PC5200 can provide up to 1 Amp of additional power for modules or devices connected to the control panel. Up to 4 modules can be connected to the system. Each module requires a 16.5 volt AC 40 VA transformer and 4 AH battery. See PC5200

Installation Instructions for details. PC5204 Power Supply Output Module The PC5204 can provide up to 1 Amp of additional power for modules or devices connected to the control panel. The module requires a 16.5 volt AC 40 VA transformer and 4 AH battery. In addition, the module provides 4 programmable high current voltage outputs. See PC5204 Installation Instructions for details. PC5208 Eight Low Current Output Module Adds 8 programmable low current outputs 50 mA to the control see the PC5208 Installation Instructions for details. NOTE If you use the main panel and the PC5208 outputs, PGM 3 will work the same as the first PC5208 output, and PGM 4 will work the same as the second PC5208 output. Escort5580TC Module This Escort5580TC module will turn any touchtone telephone into a fully functional keypad. The module also includes a builtin interface to control up to 32 line carrier type devices for lighting and temperature control see the Escort5580TC Installation Manual for details. NOTE Users will not be able to access partitions 3 to 8, through Escort5580 versions 2.x and lower. Only partitions 1 and 2, and zones 1 to 32 are supported on these versions.

PC5936 Audio Interface Module The PC5936 Audio Interface modules provide paging, intercom, baby listening and door answer to the PC5005 control panel. The modules have builtin twoway voice capability for central station see the PC5936 Installation Manual for details. The Door Box contains a relay so the normal door bell can be used instead of the internal one generated by the PC5936 Audio Interface Modules. PC5400 Printer Module This PC5400 Printer Module will allow the panel to print out all events that occur on the system to any serial printer. All events will be printed with the Partition, time, date and the event that occurred. See PC5400 Installation Manual for details. NOTE The PC5400 v2.x and lower only supports events on partitions 1 and 2. LINKS1000 Cellular Communicator The LINKS1000 Cellular Communicator provides an efficient, costeffective method for adding cellular backup. The unit comes in its own cabinet with antenna and T Link Local Area Network Communicator The T Link Local Area Network Communicator provides an efficient method of communicating via a Local Area Network LAN. See the T Link Installation Manual for more details. Cabinets Several different cabinets are available for the PC5005 modules. In addition the backplate will allow you to mount a PC5208 8low current output module. It is suggested that you read over this section briefly to get an overall understanding of the order of installation. Once this is done carefully work through each step. Working from this plan will help reduce problems and reduce the overall installation time required. Step 1 Create a Layout Draw a rough sketch of the building and include all alarm detection devices, zone expanders, keypads and all other modules that are required. Step 2 Mounting the Panel Locate the panel in a dry area, preferably located near an unswitched AC power source and the incoming telephone line.

Before attaching the cabinet to the wall be sure to press the five circuit board mounting studs into the cabinet from the back. NOTE Complete all wiring before applying AC or connecting the battery. Step 3 Wiring the Keybus section 2.3 Wire the Keybus to each of the modules following the guidelines provided. Step 4 Zone Wiring section 2.8 Power down the control panel and complete all zone wiring. Follow the guidelines provided in section 2.8 to connect zones using normally closed loops, single EOL resistor, double EOL resistors, fire zones and Keyswitch Arming zones. Step 5 Completing Wiring Complete all other wiring including bells or sirens, telephone line connections, ground connections or any other wiring necessary. Follow the guidelines provided in section 2.2 "Terminal Descriptions". Step 6 Power up the Control Panel Once all zone wiring and Keybus wiring is complete, power up the control panel. NOTE The panel will not power up if only the battery is connected. Step 7 Keypad Assignment section 2.5 Keypads must be assigned to different slots to be properly supervised. Follow the guideline provided in section 2.5 to assign keypads. Step 8 Confirming Module Supervision section 2.6 By default, all modules are supervised upon installation. Supervision is enabled at all times so that the panel can indicate a trouble if a module is removed from the system. The Programming Work Sheets should be filled out

completely before attempting to program the system. Step 10 Testing the System Test the panel completely to ensure that all features and functions are operating as programmed. 2.2 Terminal Descriptions The panel requires a 16.5 volt, 40 VA transformer. Connect the transformer to these terminals. **NOTE** Do not connect the transformer until all other wiring is complete.

Battery Connection The battery is used to provide back up power in the event of an AC power failure and to provide additional current when the panel demands exceed the power output of the transformer, such as when the panel is in alarm. **NOTE** Do not connect the battery until all other wiring is complete. Connect the RED battery lead to the positive of the battery, the BLACK battery lead to the negative. The AUX output is protected; if too much current is drawn from these terminals wiring short the panel will temporarily shut off the output, until the problem is corrected. **NOTE** The maximum AUX capacity for 24hour standby is 420mA. The BELL output is protected; if too much current is drawn from these terminals wiring short the BELL PTC will open. The Bell output is supervised. If no alarm warning device is being used connect a 1K. Keybus Terminals RED, BLK, YEL, GRN The Keybus is used by the panel to communicate with modules and by modules to communicate with the panel. Each module has four Keybus terminals that must be connected to the four Keybus terminals on the panel. For more information, see section 2.3 'Keybus Operation and Wiring'. Programmable Outputs PGM1, PGM2, PGM3, PGM4 Each PGM output is designed so that when activated by the panel, the terminal will switch to ground PGM1, PGM3, and PGM4 can each sink up to 50 mA of current. These PGMs can be used to activate LEDs or a small buzzer. If more than 300 mA of current is required, a relay must be used. Refer to the diagram. Zone Input Terminals Z1 to Z8 Each detection device must be connected to a zone on the control panel. It is suggested that each zone have one detection device however it is possible to wire multiple detection devices to the same zone. **NOTE** Ensure that all plugs and jacks meet the dimension, tolerance and metallic plating requirements of 47 C.F.R. Part 68, SubPart F.

For proper operation there must be no other telephone equipment connected between the control panel and the telephone company facilities. **NOTE** Do not connect the alarm panel communicator to telephone lines intended for use with a FAX machine. These lines may incorporate a voice filter which disconnects the line if anything other than FAX signals are detected, resulting in incomplete transmissions. 2.3 Keybus Operation and Wiring The Keybus is used by the panel to communicate with all modules connected and by the modules to talk to the panel. The RED and BLK terminals are used to provide power while YEL and GRN are clock and data. **NOTE** The 4 Keybus terminals of the panel must be connected to the 4 Keybus terminals or wires of all modules. Use the data presented below to ensure that no part of the system is overloaded and cannot function properly. Do not allow connected devices to exceed the system capabilities during any possible operational mode. 2.5 Keypad Assignment There are 8 available slots for keypads. LED and LCD5501Z keypads by default are assigned to slot 1. The LCD5500Z is assigned by default to slot 8. Keypads can each be assigned to a different slot 1 to 8 which offers two advantages. The panel can supervise the keypad connection to indicate a trouble condition if it is removed. Also keypads can be assigned to operate a specific partition, or to operate as a global keypad. How to Assign Keypads **NOTE** All keypad assignment must be done at each keypad on the system. When using LCD5500Z keypads, one keypad must remain in slot 8. Do not assign more than one keypad to the same slot. For a complete list of Function Key options, see section 4.3 'Function Keys'. 2.6 Confirming Module Supervision By default, all modules are supervised upon installation. Supervision is enabled at all times so that the panel can indicate a trouble if a module is removed from the system.

NOTE Module supervision will not display correctly at an LCD5500Z v2.x and lower keypad. In LED keypads, zone lights will be turned on according to what modules the panel has found on the system. Subtract the listed rating for each keypad, expansion module and accessory connected to V AUX or Keybus. **NOTE** The maximum AUX capacity for 24hr standby is 420mA. BELL 700 mA.

Continuous Rating. 3.0 A. Short Term. Available only with standby battery connected. PC5200 V AUX 1.0 A. Continuous Rating. Subtract for each device connected. 3.0 A. Short Term. Available only with standby battery connected. PC5204 V AUX 1.0 A. Continuous Rating. PC5208 V AUX 250 mA. Subtract for each device connected. The panel can be programmed to supervise normally closed, End of Line, or Double End of Line loops. Refer to the following sections to study each type of individually supervised zone wiring. **NOTE** This option should be selected if either Normally Closed NC or Normally Open NO detection devices or contacts are being used. **NOTE** If the Double EOL supervision option is enabled, all hardwired zones must be wired for Double EOL resistors, except for fire and 24hr Supervisory zones. Do not wire DEOL resistors on keypad zones. Do not use DEOL resistors for fire zones or 24hr Supervisory zones. Do not wire fire zones to keypad zone terminals if the DEOL supervision option is selected. This option can only be selected if Normally Closed NC detection devices or contacts are being used. Only one NC contact can be connected to each zone. **Fire Zone Wiring 2wire Smoke Detectors** If PGM 2 has been programmed for 2wire smoke detector connection see section 5.3 'Basic Programming PWS Sect 3', the detectors must be wired according to the following diagram For a complete description of how fire zones operate, see section 5.3 'Basic Programming PWS Sect 3'.

Keyswitch Zone Wiring Zones may be programmed to be used as keyswitch arming zones and must be wired according to the following diagram For a complete description of how keyswitch zones operate, see section 5.3 'Basic Programming PWS Sect 3'. **LINKS1000 Supervisory 24hr Supervisory** When using the LINKS1000 cellular communicator, any main board zone may be configured for LINKS1000 Supervision. With a 24hr Supervisory zone, if the LINKS1000 experiences a trouble, the zone will be violated, causing the panel to report the event to the central station. This type of zone always requires a single EOL resistor 5600. Refer to Links 1000 Installation Manual wiring diagram for installation. **LINKS1000 Answer** If the LINKS1000 cellular communicator is being used a zone may be configured for LINKS1000 Answer to allow downloading to be performed in the event of telephone line failure. When the LINKS1000 receives a telephone call it will activate the RING terminal on the LINKS1000 circuit board. This terminal can be used to violate a zone programmed as 24 LINKS1000 Answer see section 5.3 'Basic Programming PWS Sect 3', causing the panel to seize the telephone line and begin communication with the downloading computer. The zone programmed as LINKS 1000 Answer ALWAYS requires a single EOL resistor 5600 and must be wired according to the diagram above. **NOTE** The LINKS1000 Answer zone is only required for downloading to the panel via the LINKS1000, or for remotely connecting to the Escort 5580 module via the LINKS1000. **NOTE** When using the LINKS1000, Busy Tone Detection must not be used. **NOTE** Keypad zones cannot be used for 24hr Supervisory or LINKS1000 Answer. This saves you from running wires back to the control panel for every device. To install the keypad, open the keypad plastic by removing the screw at the bottom of the unit. Locate the five terminals on the keypad circuit board.

Connect the four Keybus wires from the control panel the red wire to R, the black to B, the yellow to Y and the green to G. To connect the zone, run one wire to the Z terminal and the other to B. For powered devices, use red and black to supply power to the device. Run the red wire to the R positive terminal and the black wire to the B negative terminal. **NOTE** Keypad zones do not support DEOL resistors. **Assigning Keypad Zones** When using keypad zone inputs, each input used must be assigned a zone number in Installer Programming. First, ensure that you have enrolled all installed keypads into the desired slots see section 2.5 'Keypad Assignment'. There are eight programming locations in this section, one for each keypad slot. Enter a 2digit zone number for each of the keypad zones. This number must be entered in the location corresponding to the keypad to which each zone is connected. **NOTE** If a keypad zone input is assigned on zone number from 1 to 8, the corresponding zone cannot be used on the main control panel. **NOTE** It is extremely important that you read the following section of the manual to completely understand how to

program the panel. 3.1 How to Enter Installer Programming Installer Programming is used to program all communicator and panel options. NOTE Once Installer Programming is exited, the system will reset. This will take 15 seconds. Do not attempt to perform any system function during this reset period. In addition, all outputs will return to their normal, deactivated state or activated if inverted. Step 2 Enter the 3 digit section number you want to program. The keypad will now display information for the section entered. Enter the information written in the boxes for the section found in the Programming Worksheets. If a digit is entered for each program box in a section the panel will automatically exit from the section. This is handy if you only need to change the first few program boxes.

All other locations in the section will remain unchanged. The panel will enter HEX programming and Ready light will begin to flash. The Ready light will turn on solid and the panel will return to regular decimal programming. NOTE It is important to watch the Ready light. If the light is flashing any number you enter will be programmed as the HEX equivalent. Select that section again and reenter the information correctly. The panel will use zone lights 1 through 8 to indicate if the different options are enabled or disabled. Refer to the Programming Worksheets to determine what each option represents and whether the light should be ON or OFF for your application. Press the number corresponding to the option to toggle the light ON or OFF. The panel will turn off the Ready light and turn on the Armed light. When a programming section is entered, the keypad will immediately display the first digit of information programmed in that section. The keypad displays the information using a binary format, according to the following chart See Hex data entry instructions Press any of the emergency keys Fire, Auxiliary or Panic to advance to the next digit. When all the digits in a section have been viewed, the panel will exit the section the Ready Light will turn OFF, and the Armed light will turn ON, waiting for the next three digit programming section number to be entered. Use the arrow keys to scroll through the data being displayed. The LED keypad uses function and zone indicator lights to represent alarm functions and status. The LCD keypad provides a written description on the liquid crystal display and uses function indicator lights to communicate alarm status to the user. The Power8 User's Guide provides basic directions for arming and disarming the system, bypassing zones and performing user functions from the keypads. As each digit is pressed the keypad will beep.

If an incorrect code is entered, the keypad will emit a steady 2 second beep to indicate that the code was not correct. The panel begins counting down the exit delay. If the Audible Exit Delay option is enabled, the keypad will beep every second until the exit delay expires. The keypad will beep rapidly for the last 10 seconds of exit delay to warn the user the system is about to arm. Users can restart the exit delay while it is counting down by pressing the Away key. The panel is now "Stay" armed. This is a convenience for users that want to arm the panel while at home. Using this method, users do not have to bypass the interior zones manually. The 'Bypass' light on the keypad will be off. Other methods of Stay and Away arming are available see section 4.3 'Function Keys'. Using the Away Button While Stay Armed If a partition is armed in Stay mode and a user wishes to leave the premises without having to disarm and rearm the system, they may press the Away button. The system will begin counting the standard exit delay, allowing the user to leave without actually disarming. The panel will log "Armed in Away Mode" upon completion of the Exit Delay. Using the Stay Button While Away Armed Pressing the Stay key while a partition is Away armed will begin the Exit Delay again. The panel will log "Armed in Stay Mode". NOTE If Function Keys require the entering of an access code, a valid access code must be entered to toggle between arming modes. The access code used to perform this function will be logged with "User Log User XX". Swinger Shutdown will be reset if the Stay or Away buttons are pressed while the system is armed. The keypad will emit a steady beep to warn that you must disarm the system. During the last 10 seconds of entry delay the panel will pulse the keypad beeper on and off rapidly to warn the entry delay is about to expire. Enter a valid Access Code at the keypad. If an error is made, r

enter the code correctly.

Event Buffer The panel will store the last 256 events that have occurred on the system. Each event will contain the time, date, partition and the event itself along with the zone number, access code number or any other information pertaining to the event. If the Event Buffer Follows Swinger Shutdown feature is enabled the event buffer will not store events after the swinger shutdown level has been reached. The event buffer can be viewed three different ways. It can be viewed through an LCD keypad, printed onsite using the PC5400 printer module or it can be uploaded through the DLS software. A bypassed zone will not cause an alarm. Instructions on zone bypassing can be found in the Power8 User's Guide "Zone Bypassing". If the Code Required for Bypass option is enabled, an access code will be required to enter the Bypass mode. Each partition can have a different bypass group. If the Code Required for Bypass option is enabled, the Master code or Supervisor codes must be used to access this feature. **NOTE** If a 24hour zone is bypassed, ensure that the zone is restored or disabled before removing the bypass. If a trouble condition is present, the Trouble light will be ON and the keypad will beep twice every 10 seconds. The trouble beep can be silenced by pressing any key on any keypad. **NOTE** If there is an AC trouble, the keypad will not beep for a General System Trouble. The zone indicator lights corresponding to the present trouble conditions will be ON. When using an LCD keypad, the trouble conditions will be listed on the display. Users can scroll through the list of present trouble conditions using the arrow keys. **NOTE** Troubles can be viewed while armed using the LCD keypad, provided the keypad is version 2.0 or later. Older keypads will incorrectly display "Fire Trouble".

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