Dsc Power Series Manual

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Book Descriptions:

Dsc Power Series 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 industryleading IP alarm monitoring products and now to our sleek, contemporary selfcontained wireless panels, DSC has always been front and center in the security space. ISO 9001 Registered. Check out our DSC alarm manuals and user guides below Remember if you need further help with your system and the Bosch alarm user guides do not provide the answer we offer a cost effective Alarm Repairs Service to help you keep your alarm system in working order and help you get the most from your security system. For a free security consultation from our Police Licensed Security Professionals request a call now.Unit 3, 34 Fallon Rd. Landsdale, WA 6065. Capable of up to 8 hardwired zones out of the box and expandable up to 32 wired or wireless. The DSC Power 1832 model offers four possible area partitions and can accommodate up to 48 user entry codes. We offer many different kit combos for this system in particular since it is our most popular. It is a great choice for most average sized homes or small businesses. The 1832 is the most popular of the PowerSeries panels. The PC1832 panel has 8 onboard hardwired zones. The panel can be expanded up to 32 total zones. This can be done using PC5108 zone expander modules. The PC5108 adds 8 hardwired zones. With 3 of the PC5108 boards you can reach the max of 32 hardwired zones. But the PowerSeries is a hybrid system that can be expanded to support wireless devices as well and can have all 32 zones be wireless or any combination of hardwired and wireless up to 32 total zones. To add wireless capability the system needs to have a wireless receiver module attached. This is most commonly done with the RF5132 wireless receiver module.http://www.mklaassen.nl/images/culligan-water-softener-manuals.xml

- **dsc power series manual, dsc power series manual 433mhz, dsc power series manual trouble light, dsc power series programming manual, dsc power series user manual, dsc power series keypad manual, dsc power series neo manual, dsc power series 1832 manual, dsc power series pk5500 manual, dsc power series 5010 manual, dsc power series manual, dsc power series manual, dsc power series manual pdf, dsc power series manual, dsc power series manual pdf, dsc power series 1616 manual, dsc power series 1832 manual, dsc power series 433 instruction manual, power series dsc alarm manual.**

It can either be added as a standalone module or as a builtin component in a keypad as in the RFK5500 or RFK5501. Remember that while it is convenient and budgetfriendly to have the wireless receiver built into the keypad, it will also limit you on the placement of the wireless receiver to where you need to place a keypad and not necessarily in a very ideal location to receive signals from wireless devices. This is often not an issue though. PGM 1 is a lowcurrent output that can handle 50mA. PGM 2 is a highcurrent output that is limited to a much higher 300mA of current. The PGM outputs are useful for many things, but they are generally used for smoke detectors. If you need additional PGM outputs DSC has two modules that can be added to the system for the purpose of expansion. The first is the PC5208 which adds 8 additional PGM outputs that are current limited to 50mA. The other is the PC5204 power supply module. This module not only adds 4 highcurrent PGM outputs, but also acts as an additional power supply that adds an additional 1 amp of power. The PC5204 does require its own power transformer PTC1640 and backup battery BD412 . A PTK5507 touchscreen keypad is a fairly power hungry device that requires up to 300mA of power. Just that one component takes up nearly half of the available power on the main panel. You can see how you

can quickly you could need to provide additional power when you take into account a communicator, motion detectors, smoke detectors, keypads, and other powered components. Many installations with a PC1832 will not require an extra power supply, but it is definitely something to watch for. So if you wanted to be able to arm a few different areas separately; maybe a shop, office, and main home for instance; you could. This gives you the ability to monitor lower traffic areas or separate buildings or even different areas within one building without having to arm the entire system.http://medpressa.ru/files/file/culligan-water-softener-mark-100-manual.xml

The best part is that if any one partition is put into an alarm state, the entire alarm system will follow suit all sirens and communications will occur as normal. The first kit is the Kit32power5CP01NT. This is the most budget friendly of the 3 kits. Like all of the kits it comes with the 1832 board and cabinet, 15 watt surface mount indoor siren, and RJ31X telephone jack and cord set. This kit comes with a BD412 4 amp hour, 12 volt backup battery. DSC has also included their LC100PI motion detector. This motion detector uses passive infrared to detect motion. It can also ignore most pets up to 50 pounds. The last item included in the kit is the PK5501 fixed message LCD keypad. This kind of keypad is often best used as a secondary keypad. Although the keypad helps keep the price of the kit down, it can make programming and troubleshooting much more difficult because it does not show as much information as a full alpha numeric keypad such as the PK5500. This kit also has the basics included with the 1832 board and cabinet, 15 watt surface mount indoor siren, and RJ31X telephone jack and cord set. This kit has a BD412 12 volt, 4 amp hour backup battery. The final part is a PK5500 programmable alphanumeric LCD keypad. This kind of keypad is great for doing your programming and troubleshooting as it can actually give you a custom display that can show much more information than the PK5501 style keypads. Additionally, this keypad can quickly give you access to any partition on your system. And it can of course allow you to assign labels to zones. This kit is in many ways a mirror of the first kit. It comes with many of the same components 1832 board and cabinet, 15 watt surface mount indoor siren, RJ31X telephone jack and cord set, BD412 backup batter, and LC100PI motion detector. The difference is that this kit comes with the RFK5500 LCD keypad. This keypad is part of the 5500 line of programmable alphanumeric keypads.

And it also has a builtin RF5132 wireless receiver that will instantly upgrade the PC1832 to have the ability to add DSC’s 433MHz oneway wireless sensors. The entire manual should be read carefully. Stay in touch with Globaltek Security! Globaltek Security has a strict Privacy Policy. We will never share, rent or sell your email address to anyone ever. Show error Error Error validating access token The session has been invalidated because the user changed their password or Facebook has changed the session for security reasons. Type OAuthException Code 190 Subcode 460 Please refer to our Error Message Reference. Our comprehensive portfolio includes fire alarm, sprinkler, suppression, access control, intrusion and video systems; testing, inspection, maintenance and repair services; and monitoring solutions.By continuing to use our site you agree to the use of cookies in accordance with our policy. Click for more information about our Cookie Policy or to disable cookie use. CommunicatorInstallation Manual. Warning This manual contains information on limitations regarding product use and function andNote to Installers. This Warning contains vital information. As the only individual in contact with system users, it is theSystem Failures. This system has been carefully designed to be as effective asAccess by Intruders. Intruders may enter through an unprotected access point, circumvent a sensing device, evade detection by moving throughComponent Failure. Although every effort has been made to make this system asCompromise of Radio Frequency Cellular Devices. Signals may not reach the receiver under all circumstancesCriminal Knowledge. This system contains security features which were known to beIt is possible for personsIt is important that your securityFailure of Replaceable Batteries. This system’s Cellular transmitters have been designed to provide several years of battery life under normal conditions. TheWhile each transmittingInadequate Installation.

https://labroclub.ru/blog/electrical-engineering-reference-manual-8th-edition-pdf

A security system must be installed properly in order to provideWindows, doors,Inadequate Testing. Most problems that would prevent an alarm system from operating as intended can be found by regular testing and maintenance. The complete system should be tested weekly andThe testing shouldInsufficient Time. There may be circumstances when the system will operate asMotion Detectors. Motion detectors can only detect motion within the designatedThey cannot discriminate between intruders and intendedAny type of tampering whether intentional or unintentional such as masking, painting, or spraying of any material onPassive infrared motion detectors operate by sensing changesSome of these heat sourcesPower Failure. Control units, intrusion detectors, smoke detectors and manyEven if the batteries have not failed,If a device operates only by AC power, any interruption, however brief, will render that device inoperative while it does notAfter a powerSecurity and Insurance. Regardless of its capabilities, an alarm system is not a substitute for property or life insurance. An alarm system also is not aSmoke Detectors. Smoke detectors that are a part of this system may not properlySmoke may not be able to reach theSmoke detectorsEvery fire is different in the amount of smoke produced and theEven if the smoke detector operates as intended, there may beTelephone Lines. If telephone lines are used to transmit alarms, they may be outAlso an intruderWarning Devices. Warning devices such as sirens, bells, horns, or strobes mayIf warning devices are located on a different level of the residence or premise, then it is less likely thatAudible warningAudible warning devices, howeverPanel is referenced as the “panel” throughout this document.WARNING Never install this equipment during a lightning storm! Safety Information. The Installer must instruct the System user on each of the following. Opening or removing covers may expose the user to dangerousModel Information.

GS2060SM Is a GPRS Cellular alarm Communicator that sends alarm communication to SurGard System I. II, III SGDRL3IP, and IV SGDRL4IP central station receivers via a GPRS digital cellular network. TL260SM Is an Ethernet only alarm Communicator that sends alarm communication to SurGard System I, II. The Communicator can be used as either a backup or primary Communicator. The Communicator supports Internet. The GPRS performance of the GS2060SM or TL260GSSM Communicator depends greatly on GSM networkThe unit should not be mounted in the final location without first performing the. Communicator Placement Test on page 10 to determine the best location for radio reception minimum of oneNOTE Prior to installation of the GS2060SM or TL260GSSM Communicator, confirm with your localPanel Mounting. Features. Back up or primary GPRS alarm communication. Integrated call routing. PCLINK connection. Programmable Labels. QuadBand Operation 850 MHz, 900 MHz, 1800 MHz, and 1900 MHz. RS422 balanced line for supplementary communication to external ADT iHub up to 1,000 ft. 305 m.. SIA and Contact ID CID formats supported. Signal strength and Trouble display LEDs. Subscriber Identity Module SIM card included with Communicator. Technical SpecificationsNOTE The power supply must be Class II, Power Limited.All Rights Reserved. NOTE For equipment used at the protected premises and intended to facilitate IP communications hubs,Notes for using Private, Corporate, and High Speed Data Networks. Network access and domain access policies shall be set to restrict unauthorized network access, and spoofingNotes for using Public Switched and Cellular Data Networks. Communication channels shall be facilitated such that the Communicator will restrict unauthorized access,The Communicator shall be located in a secured area. Transmitter DACT. Test transmission every 24 hours shall be enabled on each channel.

Line Security systems AES128 bit encryption shall be enabled at the monitoring station receiver and the. The supervision window at the Signal Receiver Center SRCs receiver shall be programmed as maximum ofThe supervision window. For Encrypted Line Security systemsWhen the heartbeat transmission over the Ethernet or GPRS network isIn this mode, alarm signals are

requiredRatingsCompatibility. Table 1 Communicator RatingsModelThe panel Bell output shall be derated. Input VoltageAlarm Transmitting Current. Operating Frequency. Typical Antenna Gain. Quad band 850MHz, 900MHz, 1800MHz, 1900MHzHumidityWeight grams with bracketCommunicatorReceiverDescription. Products or components of products, which perform communications functions only shall comply with theWhere network interfaces are internal to the control unit or receiver, compliance to CAN CSA C22.2. No. 609501 is adequate. SuchDSL modems; and Cable modems. Software Compatibility. The Communicator is compatible with the following ADT Pulse software. ADT PulseThe Communicator provides ADT Pulse Level 1, 2, and 3 monitoring and control via an RS422 interface to anAll lifestyle events are transmitted by the RS422 link, using ITv2.0 protocol to the iHub, and then to remote theNOTE iControl's iHub is an interface device which connects to security panels, IP cameras, sensors. Zwave based home automation devices, etc.NOTE Lifestyle events are "non alarm" events. Lifesafety events are "alarm" events. There are three ADT Pulse levels, defined as follows. All lifesafety and lifestyleLifesafety events use GPRS channel. Lifestyle events use RS422. Lifesafety events use GPRS channel. The following features are available with the RS422 ADT Pulse InterfaceThe Communicator uses 128 Bit AES Encryption.

Encryption can only be enabled from the monitoring stationWhen encryption is enabled, the central station will configure the device to encrypt communications theNOTE Packets will start being encrypted only after the next event is sent to that receiver, or if the unitAll wiring shall be performed according to the local electricalThe Communicator shall be installed and used within an environment that provides the pollution degree maxThis manual shall be used with the Installation. All instructions specified within theAll the local rules imposed by local electrical codes shall be observed and respected during installation.The Communicator end of the cable must be terminated with an RJ45All requirementsNOTE CAT5 specification requires that any cable bend must have a minimum 2 in. 5 cm bend radius. Maximum length of CAT 5 cable is 328 ft. 100 m. Running the RS422 Cable. An RS422 cable must be connected to the ADT iHub and cable run to the Communicator module inside the panel. NOTE Maximum cable length for RS422 cable is 1,000 ft. 305 m. At the ADT iHub, attach wires as followsNOTE The GND connection is optional, DSC recommends connecting the GND terminal at both ends.Inserting and Removing the SIM CardThis will unlatch the SIM card holder on the side closest toNOTE The SIM can be damaged by bending, or scratching contacts. Use caution when handling SIM cards.Hardware Reset. DEFAULT connector and restarting the Communicator. Installing jumper during normal operation has no effect.Figure 1 Communicator Mounting BracketExternal AntennaScrew ThreadBrass. Washer. Brass nutAntennaNylon Washer. Mounting TabMounting. Antenna. Communicator. HolesStand Off. Cable. BoardMounting Plate. Mounting. CommunicatorPlateRemove and discard the circular knockout located in the topright section of the panel. This hole will be usedNOTE Ensure that the threaded antenna connectionQuad band. PCLinkWhip AntennaCable Connector. Use light pressureFinger Tight only.

GSM RadioTighten theLine up the assembled. Communicator with the side wall of the panel and,Communicator black wire goes on Pin 1 of the Communicator.Module Power Connection. NOTE For ULC Commercial Fire Monitoring applications Do NOT connect any devices on theCommunicator.From NID. Use only CAT5. SupervisedBlack. Yellow. Do NOTRed or Black. Keybus wires!RS422 Connection for ADT Pulse. At the Communicator inside the Panel, attach the previously run cable as followsNOTE The GND connection is optional, DSC recommends connecting GND at both ends of cable. GreenMaximum cable length 305 m 1,000 ftFigure 3 Communicator Wiring Diagram. Route the CAT 5 Ethernet cable through back of the panel and plug it into the Communicator's RJ45 jack. Before leaving the premises the Ethernet communication lines must first be connected to an approvedAll wiring shall be performed according to the localPanel will power up together.If this is the first time the Communicator has been powered up in the panel, the module will initiate communication to request programming remotely. NOTE Initialization may take several

minutes to complete.Do not continue to next step until the red and yellow LEDs have stopped flashing. IfCommunicator Placement Test. Correct trouble indicated by flashes on yellow LED before continuing.Options 3 and 6 are ON, all others are OFF. Pressing keys 1 through 8 will alternately turn the Toggle ON and OFF. Hexadecimal numbers are shown,Entering HEX values at keypad. Entering ASCII Characters at keypadPerform the following steps to ensure that the Communicator and the Panel work together as intended. These Sections must be programmed at the panel keypad.See Programming Section. NOTE DSC recommends using the same Account Number for Panel and Communicator. Valid entries areCommunicator routing. Refer to the Panel manual for additional information. Refer to the Panel Installation Manual for details on setting these options.

NOTE Before leaving the premises, the installer should verify all programmed communications paths. The General System trouble is the only trouble that will appear on the keypad Liquid Crystal Display LCD. For more information about the trouble on the Communicator module refer to the panel event buffer. Log entry will show Fault or Restore for eachGSM Trouble, Ethernet Trouble, or Connect24 Configuration Trouble. Available Trouble, Receiver Supervision Trouble, or Failure to Communicate FTC Trouble.NOTE You may need to relocate the Panel or install an optional extension antenna during this procedure, if radio signal strength is too low.A flashing yellow LED indicates trouble onMinimum Signal Level The yellow LED is OFF and the Green LEDSee table for. Radio Signal Strength on page 11 for interpretation of receiver signal strength on LEDs. NOTE If the required signal strength is too low with the panel in its current location, the panel must beSpecific instructions for the installation of the extension antenna are included with the kit. Observe all the electrical safety instructions regarding the installation of the antenna. All the wiring of the equipment shall be fullyON solid signal strength. NOTE Minimum strength isDismount the panel and move it toIf the Panel is relocated to improve signal strength,These include 1 yellow trouble LED, 1 red Network Connection Status LED, and 2 green Signal Strength LEDs. The LED meaning is described in this Section. Yellow Trouble LED. This yellow LED will flash to indicate a trouble on the unit. The number of flashes indicates the type of trouble. See the table below for the coded flashes and the conditions which will activate the Trouble Status LED. Table 3 Yellow Trouble Status LED. Trouble. Flashes. Panel Supervision Trouble. Receiver Supervision Trouble. SIM Lock Trouble. FTC Trouble. GSM TroubleEthernet TroubleReceiver Not Available TroubleNOTE Only the highest priority trouble 1 Flash is highest priority is indicated.

When this trouble isThis will continue until all troubles have beenThe following paragraphs describe the conditions associated with the trouble indicated. Panel Supervision Trouble 2 Flashes. This trouble will be indicated when communication between the Communicator module and the Panel fails. IfWhen communication returns, a. The reporting codesThe panel absent event always uses the primary receiverThey are the only internal events; all other events are generated by the panel. Trouble is generated ifTrouble is restored on receipt of first Poll from the Panel.This trouble will signify that the SIM lock feature has been enabled and the unit has not been programmed withGSM Trouble 5 Flashes. This trouble is indicated for any of the following 4 conditionsTrouble will clear after init and cyclic commands succeed and MIPCALL and MIPOPEN commands succeed.Ethernet Trouble 6 Flashes. This trouble is indicated when Ethernet link between the transmitter and the local switch or router is absent. This trouble will also be indicated if the unit fails to get Dynamic Host Control Protocol DHCP settings from the. DHCP server. Not active if Ethernet Receivers are not programmed. Receiver Not Available 7 Flashes. This trouble is indicated if the unit is not able to successfully initialize with any of the programmed receivers. Unprogrammed receivers are excluded. This trouble is also indicated if the GPRS receiver APNs have not been. Receiver Supervision Trouble 8 Flashes. This trouble is indicated when receiver supervision is enabled and communication between the CommunicatorTrouble is indicated if Ethernet 1 is supervised and does not receive a heartbeatFTC Trouble 9 Flashes. This trouble is indicated when the unit fails to communicate module events to the central station. Trouble is displayed after the unit has exhausted all

communications attempts to all programmed receivers for events generated by the Communicator. Configuration Failure 10 Flashes.

This trouble is indicated when the unit fails to receive remote programming. Remote Programming 11 Flashes. This trouble is indicated during a remote firmware upgrade. Trouble will clear automatically when update completes successfully. Module Configuration Trouble 12 Flashes. This trouble is indicated when the System Account Code or the Receiver Account have not been programmed. Disabled receivers are excluded. Red Network Connection Status LED. BLINKING Indicates communications in progress. OFF This is the normal state of the Red Network Connection Status LED. There are no network connectionON There is a problem with the Ethernet or the GPRS network connection. LED will be ON if any of the following occurNOTE If the yellow LED is flashing, Signal Strength in table below is not valid. See Table 5 for troubleshooting flashing yellow LED. Table 4 Radio Signal Strength. SignalGreen. Green Signal Level. Action Required. Strength LevelNo SignalNetwork Link LED YellowThe TL260SM uses an additional Link LED on the board. LED is lit to indicate an active Ethernet connection. Factory Defaults Reset. You can reset the programming options for the Communicator to the factory settings by installing the hardwareWait until the two green. LEDs on the Communicator begin flashing rapidly.NOTE Your Communicator has now been reset to the factory default values. Firmware Update. The firmware of the device can be updated over GPRS or Ethernet Remote or Local updating. NOTE If the firmware update fails, restart the Communicator by cycling Power. For persistent updateTroublePossible. Causes. No Indication. No Power. ON Solid. Insufficient. Signal StrengthYellow LED 4 Flashes. Panel. Supervision. Lockout. TroubleGSM TroubleEthernet. TroubleReceiver Not. AvailableReceiver. Yellow LED 9 Flashes. FTC TroubleConnect24. Configuration. FailureRemote. ProgrammingAll LEDs flashing together. Red and Yellow. LEDs flashingOnly Green. LEDs flashing. Module. Boot Loader. Failed.

Trouble Possible Solution. Check the power connections between the Panel and the Communicator. Confirm PCLINK cable is properly installed between communicator and panel. Confirm that GPRS network service is active in your area. Ensure the antenna is securely connected to the radio. Check antenna stub cableIf not, contact the Network administrator.Name provided by your GPRS provider.Ethernet or GPRS. The LEDs will extinguish when the session terminates. Ensure that a valid account code has been entered in these Sections. Disconnect power, then reconnect power to the Communicator module. Initialization. Sequence. The unit is still initializing please wait while the unit gets its programming and establishes a connection to all programmed receivers. Note that this process may take several minutes. Hardware. Default Jumper. The hardware default jumper must be removed. See Figure 3.Default values are provided for each Section. Programming Sections cannot be modified from the keypad.Specified panel Sections must be configured forSystem Options. Default 000.000.000.000. Enter the IP address of the Communicator. Ensure that the IP address is unique to your Communicator on the localValid range 000255. If an IP address is programmed in this Section, the unit will operate with Static IP DHCP disabled.NOTE Default for this Section is Dynamic Host Configuration Protocol DHCP enabled. When enabled. Programming an IP address in this Section will disable DHCP Static IP. Default 255.255.255.000. Enter the Ethernet IP Subnet Mask of the dual Communicator. Format is 4 fields, each field is a 3 digit decimalNOTE If DHCP is enabled, the DHCP Server will assign the subnet mask for this Section and theDefault 000.000.000.000. Enter the Ethernet Gateway IP address of the Communicator. The gateway IP address is required when a router is. Format is 4 fields, eachValid range 000255.

NOTE If DHCP is enabled, the DHCP Server will assign the Gateway IP address for this Section and theReceiver 1 or GPRS Receiver 1 to test the communications path. Use this Section to set the interval time in seconds when heartbeats will be sent. Valid range 000AFFFF seconds. If the programmed value is less than. Receiver Window. Jurisdiction. Recommended Supervision IntervalUL Commercial BurglaryUL Residential FirePanel Test Transmission. UL Residential

BurglaryPanel Test Transmission. ULC Commercial Burglary ActiveULC Commercial Burglary PassivePanel Test Transmission. ULC Commercial Fire ActiveULC Commercial Fire PassivePanel Test Transmission. When programming with Connect24,ON Ethernet Receiver 1 will be supervised and heartbeats will be sent to Ethernet Receiver 1 based on the. OFF Ethernet Receiver 1 will not be supervised. When disabled, heartbeat 1 is sent to the Ethernet receiverThe heartbeat is resent every 5 seconds untilNOTE Ethernet Receiver 2 can not be supervised. Default OFF. If ACK to heartbeat is not received, it is retransmitted every 5 seconds. Failure to ACK 2 consecutive heartbeats will reset the radio.When disabled, heartbeat is not sent to the receiver. NOTE GPRS Receiver 2 can not be supervised. ON Heartbeat 1 Commercial Supervision. This supervision type is suitable for applications where swap detection is required on the supervisory packet. OFF Heartbeat 2 Residential Supervision.