The Power432 brings remarkable new technology and product design together in a system that is ideal for residential, commercial, and institutional applications. More than a burglar alarm, the Power432 is a complete life safety and security system offering the latest advances in hybrid wireless/hardwired burglary and fire protection.

While the Power432 provides superior electronic protection of life and property, it also supplies wireless/hardwired burglary and fire protection. The Power432 is a complete life safety and security system that is ideal for residential, commercial, and institutional applications. More than a burglar alarm, the Power432 is a complete life safety and security system offering the latest advances in hybrid wireless/hardwired burglary and fire protection.

Exceptional quality, complete design flexibility, fully customized system control, and the reliable peace-of-mind security your customers can count on for years to come – it all adds up to the Power432 from DSC.

### Architect’s Specifications

The contractor shall provide a complete electrically supervised, battery backed-up, fire and burglary alarm system. The system shall be complete with a control panel, twisted pair wiring, connecting keypads and modules to the control panel. The system shall be capable of connecting to a telephone line or wireless service, and shall have integral static and lightning protection circuitry.

#### Advanced Communications

- supports all major formats including SIA and Contact ID
- supports Skyroute™ cellular communicator
- supports DVACS using PC5400DV-SG in place of PC5400 printer module
- 2 hardwired keypad models available....
- event-initiated personal paging
- 3 phone numbers (3rd backs up primary number)
- 2 account numbers
- supports Skyroute™ cellular communicator
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#### Efficient Installation

- 4 wire communications bus (KEYBUS)
- connect keypads and modules up to 1000’ (330m) from control panel

#### 2 Programmable Voltage Outputs

- up to 8 hardwired keypads
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#### 4-32 Zones Hardwired or Wireless

- 4 programmable panel zones expandable to 8 zones using keypad zone inputs (1 zone per keypad) or wireless zones
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Power432 Main Control Panel

- up to 8 fully programmable zones
- use any combination of 4 hardwire zones on main control panel
- 8 keypad input zones (1 per keypad)
- 32 wireless zones using PC5132 wireless receiver
- all zones programmable as burglary or fire
- zone wiring options include: Normally Closed, Single End of Line (EOL) resistor, and Double EOL resistor
- 27 programmable zone types, 8 programmable zone attributes

- 128 event buffer
- all events automatically stored with time and date stamp to buffer
- events can be printed on-site, viewed through the LCD Keypad or DLS software

- alarm output
- bell output - 70mA @ 12VDC, PTC protected

- 2 programmable voltage outputs
- low current, 50mA @ 12VDC
- PG01.........low current, 50mA @ 12VDC
- 20 programmable options

- local PCLINK™ and remote upload/download capability
- PCLINK allows direct connection of PC to alarm panel
- program system using DLS software
- view status and trouble conditions
- view 128 event buffer

- 1.5A regulated power supply
- auxiliary power supply - 12VDC, 50mA
- positive temperature coefficient (PTC) AUX & Bell output protection
- electronically protected from KEYBUS faults
- supervision for AC power loss and low battery
- internal clock locked to AC power frequency

- battery requirements: Internal battery - 12V, 4Ah, rechargeable sealed lead-acid
- transformer required: 16.5VA, 40W

- System Operation
- 39 access codes
- 32 user codes, 1 master code, 2 duress codes, 2 supervisor codes, 1 installer code, and 1 maintenance code
- individual open/close reporting by use
- no code required for "By-passing" option
- allows user to bypass zones without entering an access code

- "quick arm" and "quick exit"
- allows users to arm and exit easily

- Input/Output zones and "stay" arming
- security of perimeter arming while premise is occupied

- automatic arming
- provides system auto-arm at a specific time every day

- activity deactivation code
- signals monitoring station if no activity is sensed in premise for a programmable period of time

- door chime
- programmable by zone
- monitor a door by having keypad beep when the door is opened or closed

LED & LCD Keypads

Plain Language LCD55002 Keypad

The Power432 security system is fully programmable from the attractive, easy-to-use dual-language LCD55002 keypad.

- connect up to 8 keypads, combination LED and/or LCD
- zone input
- connect detector to keypad to replace one of 4 main panel zones or increase total zones up to 8 with 4 keypads

- dual-language (languages vary according to country)
- single key entry is toggled between languages while viewing keypad

- large 32 character display
- zone identification
- system instructions
- system status
- trouble conditions

- plain language operating instructions
- menu for user functions
- what key to press for specific functions
- steps for programming functions

- 5 programmable function keys with 15 options such as Hom arm, Away Arm, Quick Exit etc.

- 4 keypad-activated alarms
- Fire, Auxiliary, Panic, and Duress

- 3 LED indicators
- Ready, Armed, and Trouble

- double EOL resistor, and Double EOL resistor

- wireless security

- Exceptional microphone frequency range provides excellent sound capture at low sound levels and distances up to 25ft (7.6m)

- Detects breakage of all common types of framed glass including plate, float, wired, tempered, and laminated

- 2 lithium batteries (supplied)

- WLS907T-433 Low Temperature Sensor
- Sends an alarm when a pre-defined low temperature is reached

- The pre-defined temperature points at which an alarm and restored condition are sent are:
  - Alarm: 35°F ± 3°F (2°C ± 2°C)
  - Restoral: 40°F ± 3°F (4°C ± 2°C)

- Fully supervised

- 3 AAA batteries (supplied)

- WLS925L-433/WLS935L-433 Mini Door/Window Contact
- A magnetic door or window contact
- Complete with surface-mount magnet
- Terminal connection for an external contact

- 1 lithium battery (supplied)

- Available with a wall tamper switch

- WLS919-433 Wireless Keys
- Wireless Devices & Detectors

- WS904PL-433 PIR With Pet Immunity
  - Vertical beam shaping lens
  - Coverage up to 40’ L x 40’ W (12.2 x 12.2m)
  - Immunity for multiple pets - 60lbs (27.3kg) total
  - Good false alarm immunity and catch-performance
  - High traffic shutdown to preserve battery life

- 2 lithium batteries (supplied)

- WLS906-433 Photoelectric Smoke Detector
- Exclusive (patented) smoke chamber design provides:
  - maximum smoke detection
  - exceptional resistance to dust, insects and air turbulence, thereby reducing false alarms
  - 90° smoke detection pattern
  - Red solid-state LED indicator
  - Loud 85dB alarm horn

- 6 AA batteries (supplied)

- WLS912L-433 Glassbreak Detector
- Exceptional microphone frequency range provides excellent sound capture at low sound levels and distances up to 25ft (7.6m)

- False Alarm Prevention Features
  - audible exit delay
  - audible exit fault
  - arm/arm bell squawk
  - urgency on entry delay

- quick exit
- programmable switchover shutdown by zone
- programmable transmission delay by zone
- AC failure, TLM trouble, and Low Battery transmission delays
- cross zone police code transmission
- opening after alarm code transmission

- Full Supervision
- Trouble conditions are displayed on all keypads and can also be communicated to central station for:
  - battery trouble
  - zone low battery
  - zone tamper
  - system tamper
  - siren circuit trouble
  - general system trouble
  - event buffer 75% full
  - telephone line trouble

- general system supervisory trouble...

- LED Keypads

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- zone input
- recent close code transmission

- 5 keypad functions with choice of 15 programmable options
- separate function keys on PC5008Z
- connect to 4 wire KEYBUS up to 100’ (30m) from control panel

- LED indicators:
  - PC1555RKZ........Ready, Armed, System
  - PC5008Z........Ready, Armed, Trouble,
  - PC5161Z........Memory, Bypass, Fire, Program
  - PC5322Z........Memory, Bypass, Fire, Program
  - PC5508Z........Memory, Bypass, Fire, Program

- 4 keypad-activated alarms...

- Panic, Auxiliary, Fire, and Duress

- backlit display...

- Backlighting Boost to provide extra high key lighting when any key is pressed

- piezo buzzer...

- provides audible feedback for correct key entries, pre-alarm, and system trouble status

- specifications...

- current draw...

- 90mA with backlighting boost

- 125mA

- LED Keypads

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