

DSC® Power632™

8 Zone Hybrid Wireless Security System



Up to 8 Keypads

- Up to 8 hardwired keypads
- 6 hardwired keypads available with zone input...
 - PC5508Z eight zone LED keypad
 - PC5516Z sixteen zone LED keypad
 - PC5532Z thirty two zone LED keypad
 - LCD5500Z programmable message LCD keypad
 - LCD5501Z fixed message LCD keypad
 - PC1555RKZ eight zone LED keypad
- Added wireless control is provided by ...
 - WLS919-433 - Wireless Key

32 Zones Total ...

Hardwired

- 6 zones on main panel

Wireless

- PC5132-433 - 32 zone wireless zone expansion module
- LCD5501Z32-433 Fixed message keypad with integrated wireless receiver

14 PGM Outputs

- Up to 5 high current outputs... 1 on main panel plus:
PC5204 - 4 output high current power supply module
 - 1 output fully supervised for siren output
- Up to 9 low current outputs... 1 on main panel plus:
PC5208 - 8 low current output module

Advanced Communications

- Supports all major formats including SIA and Contact ID
- Skyroute™ and GSM1000™ cellular communication
- Event initiated personal paging
- 3 phone numbers (3rd backs up primary number)
- 2 account numbers

Integrated Intercom Audio

- Supports Central Station Two Way Voice and Home Intercom features using PC5928 or PC5936 audio interface module, PC5921 intercom stations, and PC5904 two way listen-in stations

Integrated Voice Assisted Security & Home Automation

- Escort5580TC provide voice assisted security and automation control for up to 32 X-10 devices plus thermostat control

Efficient Installation

- 4 wire communications bus (KEYBUS)
 - connect modules up to 1000' (305m) from control panel
 - PC5200 - Power supply module provides up to 1A auxiliary power
 - main panel provides up to 550mA auxiliary power

System Operation

- 38 - 4 or 6 digit access codes
 - 32 user codes, 1 system master code, 2 partition master codes, 2 duress codes, and 1 maintenance code
- Keypad lockout
 - panel can be programmed to lockout keypad if a series of incorrect access code entries are made
- 'Quick Arm' and 'Quick Exit'
 - allows users to arm and exit easily
- 'Stay/Away' zones and 'Stay' arming
 - security of perimeter arming while premise is occupied
- Door chime
 - programmable by zone
 - monitor a door by having keypad beep when the door is opened and again when door is closed
- 128 event buffer
 - all events automatically stored with time and date stamp to buffer
 - events can be printed on-site using the PC5400 serial printer interface module, viewed through an LCD Keypad, or viewed and printed via PC using DLS software

Full Supervision

The system continuously monitors the following trouble conditions:

- AC power failure
- Fire trouble
- Low battery
- Loss of internal clock
- Fail to communicate
- Module fault (supervisory or tamper)
- Trouble by zone
- Telephone line trouble
- Bell output trouble
- Tamper by zone
- Aux power supply fault

False Alarm Prevention Features

- Audible exit delay
- 'Quick Exit'
- Swinger shutdown
- Recent closing transmission
- Rotating keypress buffer
- Audible exit fault
- Urgency on entry delay
- Cross zone alarm
- Communication delay
- Arm/Disarm bell squawk

For more Power632® information go to
www.dsc.com

Main Control Panel

- **Support up to 32 zones using any combination of up to:**
 - 6 hardwire zones on main panel
 - 8 keypad zones
 - 32 wireless zones using PC5132-433 or LCD5501Z32-433 wireless receiver module
- **Zone programming**
 - all zones programmable as burglary or fire
 - zone options include : Normally Closed loop, Single End of Line (EOL) resistor, and Double EOL resistor(1)
(1)keypad zones cannot be programmed as fire zones and cannot support Double EOL resistor supervision
 - 27 programmable zone types, 8 programmable zone options
- **Audible alarm output**
 - supervised bell output - 700mA @ 12Vdc, PTC protected, current limited at 3A
 - steady, pulsed, temporal pattern, or strobe fire output
 - additional supervised siren output is available using PC5204 power supply module
- **Programmable voltage outputs**
 - 1 high current 300mA PGM... can also be used for 2 wire smoke with a maximum of 20 detectors at 15mA per detector (Available on some models)
 - 1 low current 50mA PGM
 - 8 additional low current PGM outputs using PC5208 module
 - 4 additional high current PGM outputs using PC5204 module
 - 24 programmable options
- **Local PCLINK™ and remote upload/download capability**
 - program system using DLS software (version 6.5 or newer) via direct PCLINK connection to control panel or remotely via modem
 - view status and trouble conditions, and system 128 event buffer
 - remote access can be controlled by owner to prevent unauthorized access to system
 - user call-up feature
- **Power Supply**
 - 550mA @ 12.5Vdc auxiliary power (400mA for UL applications)
 - positive temperature coefficient (PTC) protected battery, AUX, and Bell output
 - electronic protection of KEYBUS
 - supervision of AC power loss, low battery, auxiliary power failure
 - internal clock locked to AC power frequency
- **EEPROM memory**
 - will not lose programming or system status on complete AC and battery failure
- **Digital communicator**
 - supports all major formats including SIA & Contact ID
 - supports Skyroute cellular communications
 - 3 phone numbers (3rd backs up primary)
 - 2 account numbers
 - DTMF or pulse dialing
 - DPDT line seizure
 - anti-jam feature
 - split reporting of selected events to each telephone number
 - event initiated personal paging
- **Battery required: 12V, 4Ah, rechargeable sealed lead acid**
- **Transformer required: 16.5Vac, 40VA**

Interfaces

Keypads

- **Zone input connects detector directly to keypad to avoid separate wiring back to control panel**
- **5 one-touch function keys with many programmable options... Stay arm, Away arm, Quick Exit, etc.**
- **LED status indicators... Ready, Armed, Trouble (alarm status at a glance)**
- **Fully backlit with backlighting boost to provide extra lighting when a key is pressed**
- **Piezo buzzer provides audible feedback for correct key entries, pre-alert, and system trouble status with adjustable buzzer tone**
- **Connect to 4-wire Keybus up to 1000' (305m) from the panel**

LCD5500Z Programmable Message LCD Keypad

- **Large 32-character programmable alphanumeric display provides plain language... zone identification, system status, trouble conditions, system instructions, 128-event buffer**
- **12 or 24 hour clock display**
- **Specifications**
 - Dimensions: 5.75"W x 4.5"H x 1"D (144 x 114 x 25mm)
 - Current draw: 85mA (maximum)

LCD5501Z Fixed Message LCD Keypad with Optional Integrated PC5132 Wireless Receiver

- **Easy to read LCD display provides real-time status of all panel activity using icons (symbols)**
- **12 or 24 hour clock display**
- **4 selectable door chime options, programmable by zone**
 - also available with a built-in 32 zone 433MHz wireless receiver
- **Specifications**
 - Dimensions: 5.75"W x 4.5"H x 1"D (144 x 114 x 25mm)
 - Current draw: 140mA (maximum) LCD5501Z 210mA (maximum) (LCD5501Z32)

PC5508/16/32 LED Keypads

- **Additional LED indicators: Memory, Bypass, Fire, Program**
- **4 keypad-activated alarms...Panic, Auxiliary, Fire, and Duress**
- **Specifications**
 - Dimensions: 5.75"W x 4.5"H x 1"D (144 x 114 x 25mm)
 - Current draw: 85mA with backlighting boost

Reporting Interface

PC5400 Printer Interface Module

- **Provides RS232 serial printer connection for report of events logged to the system event buffer ... prints event, partition, time and date that event occurred**
- **Supports any 300, 1200, 2400, or 4800 BPS serial printer**
- **Connect printer up to 200' (61m) from PC5400**
- **Connect PC5400 up to 1000' (305m) from control panel via KEYBUS**
- **Maximum one module per system**
- **Specifications**
 - Current draw: 65 mA @ 12VDC

Power Supply/Output Expansion

PC5200 Power Supply Module

- The PC5200 can be used to provide up to 1.0A of additional power to the Power632 security system
- Fully supervised for tamper, low battery, AC power loss, and auxiliary power loss
- Connect up to 1000' (305m) from the control panel via Keybus
- Specifications
 - auxiliary current: 1.0A continuous rating; 3.0A short term if backup battery connected (PTC-protected – fuseless design)
 - transformer requirements: 16.5V, 40VA
 - battery requirements: 4Ah
 - Current draw: 20 mA

PC5204 Power Supply/High Current Output Module

- Provides 1A @ 12.5Vdc auxiliary power for additional modules and devices
- Includes 4 fully programmable high current outputs
 - rated at 1A @ 12Vdc, PTC protected
 - will provide 3A short term if battery backup connected
 - each output can sink up to 3A
- Output #1 may also be used as a supervised bell output
 - 700mA max
- Each output programmable to activate for any of 24 options
- Connect up to 1000' (305m) from control panel via KEYBUS
- Fully supervised for: tamper, low battery, AC power loss, and auxiliary power trouble
- Maximum 1 module per system
- Battery required : 4Ah minimum
- Transformer required : 16.5Vac, 40VA
- Module current draw: 20mA @ 12VDC

PC5208 Low Current Output Module

- Module provides 8 low current transistor switch outputs
 - each output can sink up to 50mA
 - up to 250mA max at one time
- Each output programmable to activate for any of 24 options
- Connect up to 1000' (305m) from control panel via KEYBUS
- Fully supervised for tamper
- Maximum 1 module per system
- Specifications
 - Current draw: 20mA @ 12VDC

PC5320 Multiple Wireless Receiver Module

- Up to 4 wireless receivers can be installed on the system via this module, providing multiple transmission paths, and significantly increasing the coverage area for wireless products
- Specifications
 - Current draw: 55 mA (maximum)

Integrated Voice Assisted Security & Automation

ESCORT5580TC Voice Assisted Security & Automation Control Module

- Turns any touch-tone phone into a fully functional keypad with Global and Partition control
- Built-in power line interface for control of 32 X-10 automation control devices
 - 16 schedules with On Time, Off Time, and Day of Week
 - 8 user controlled automation modes
 - full range of dimming levels for lighting control
 - event activated control for any PGM output supported by the main panel
- An extensive library of voice prompts for security and automation operation, programming, and system status feedback
 - 250 system words for pre-programmed system functions
 - 240 word library for user programmable voice prompts for Automation Item Labels, Automation Mode Labels, Partition Labels, and Zone Labels
- Program up to 6 words per voice label
- Powerful 'say number' command can announce numbers from 0-999 in three different ways
- Supports up to four EMS-100 thermostats
- EMS-100 has 4 temperature control modes :
 - day occupancy mode
 - night occupancy mode
 - auxiliary occupancy mode
 - away occupancy mode
- Each thermostat optionally supports:
 - up to six EMS-IDS remote indoor temperature sensors for interior temperature averaging
 - one EMS-ODS outdoor temperature sensor for display of outdoor temperature
- Connect up to 1000' (305m) from control panel via KEYBUS
- Specifications
 - Current draw: 150mA @ 12VDC

Integrated Intercom Audio Interface

PC5928/PC5936 Audio Interface Module with PC5921 Series Intercom Stations & PC5904 Two Way Listen-In Stations

- **PC5928 and PC5936 Audio Interface Module**
 - provides 7 audio ports for connection of PC5921 Series Intercom Stations (PC5936's expandable to 15 audio ports using the PC5937)
- **PC5937 Audio Expansion Module**
 - provides 8 additional audio ports to expand to 15 stations
 - connect up to 1000' (305m) from control panel via KEYBUS
- **Local intercom functions:**
 - page/answer
 - do not disturb
 - doorbell function
 - door strike release
- **Listen-in broadcast ...allows any station to be programmed as a 'broadcast station' to which all other internal stations in the system may listen in**
- **Programmable as sounder for fire/burglar alarms**
- **Answer telephone calls received on regular voice line**
 - ringing programmable by station
 - supports call waiting
 - allows call transfer to in-house phones
- **Audio user help**
 - provides plain language prompts for system programming, operation, and system status reports when installed with Escort5580 Voice Prompt Module and keypads mounted with PC5921 Intercom Stations
- **PC5904 central station 2-way listen-in station**
 - programmable control tones (from central station)
 - select zone, listen/talk, extend on-line time, hang up

Intercom Stations

- **PC5921 Internal Intercom Station**
- **PC5921EXT External Intercom Station**
- **PC5921EXT/R External Intercom Station with relay for the operation of existing door bell**

Wireless Receivers

PC5132-433 and LCD5501Z32-433 Fixed Message LCD Keypad with Integrated Wireless Receiver

- 16 wireless keys
- 32 wireless zones

Represented by:

Wireless Devices & Detectors

WLS904PL-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

WLS906-433 Photoelectric Smoke Detector

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

WLS914-433 Dual Element Pet-Immune PIR

- PIR with Multi-Level Signal Processing (MLSP)
- Coverage up to: 50'L x 60'W (15.2 x 18.3m)
- Two dual element low noise sensors
- Pet-immunity for one pet weighing up to 85 lbs (38kg)
- Excellent false alarm immunity and catch performance
- Temperature compensating
- Fully supervised*
- 4 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)
- 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 restoral condition are sent are:
 - Alarm: 43°F ± 3°F (6°C ± 2°C)
 - Restoral: 48°F ± 3°F (9°C ± 2°C)
- Fully supervised

WLS925L-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)

WLS919-433 Wireless Keys

- WLS919-433 features a slide cover, preventing accidental activation
- 4 programmable function buttons...
 - Preprogrammed for 'STAY' arm, 'AWAY' arm, Disarm, and Panic
- Supervised for low battery
- Water-resistant



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