





Spectra SP Expandable Security Systems

Spectra SP offers a combination of innovative features and an advanced communication bus for a unique expandable security system. Through its communication bus, Spectra SP can be expanded via wireless and hardwired expansion modules and a variety of accessory modules. With its reliable communication technology, flexible expansion and great-looking keypads, Spectra SP is an ideal security system for any residential or commercial installations that require up to 32 zones of protection.

Spectra SP is StayD-enabled, which provides a heightened level of security that ensures that the system is always armed, never disarmed. The panels also offer more on-board zones (expandable to 32), more on-board PGMs (expandable to 16), and support for the new Plug-In Voice Module (VDMP3) and Internet Module (IP100).

With their in-field firmware upgrade capability, the Spectra SP series allows installers to upgrade their system without hassle - quickly, easily and on site. And to further facilitate installation, every Spectra SP series panel can be configured using easy-to-follow menu-driven programming.

Feature	SP5500	SP6000	SP7000
StayD	✓	✓	✓
Maximum Zones	32*	32*	32*
On-board Zones	5 (10 with ATZ)	8 (16 with ATZ)	16 (32 with ATZ)
Expansion Zones	24	24	16
Keypad Zones	15	15	15
Partitions	2	2	2
User Codes	32	32	32
PGMs	16* (2 on-board)	16* (2+2† on-board)	16* (4 on-board)
PGM +/- Trigger	-	✓	✓
Alarm Relay	-	1†	1
Event Buffer	256	256	256
Remote Control	32	32	32
Wireless Keypads (K32RF and K37)	8	8	8
Wireless Repeater (RPT1)	2	2	2
Wireless Siren (SR150) See page 47	4	4	4
Wireless Expansion (RTX3)	✓	✓	✓
2 Wire Smoke Detector Input	-	✓	✓
GSM Communication (PCS Series) See page 14	✓	✓	✓
GPRS Communication (PCS Series) See page 14	✓	✓	✓
Internet TCP/IP Communication (IP100) See page 15	✓	✓	✓
Plug-In Voice Module (VDMP3) See page 15	✓	✓	✓
In-field Firmware Upgradeable	✓	✓	✓

* = Any of which can be wireless

† = Optional

Control Panels



STAY D SP5500 | 5 to 32 Zone Control Panel

- StayD mode: see inside cover for details
- 4 wire expansion bus (connect up to 15 keypads and up to three ZX8/ZX8SP modules to a maximum total of 15 modules)
- 5 zone inputs or 10 with zone doubling, expandable to 32 zones
- 2 on-board PGMs
- Supports up to 16 PGMs
- 2 partitions
- 32 User Codes
- Supports GPRS and GSM Module (PCS Series), IP Module (IP100) and Voice Module (VDMP3). See "Communication Modules" on page 13.
- Supports REM3 hand-held remote keypad (require RTX3 V1.31 or higher)
- 1.1A switching power supply
- In-field firmware upgradeable via a 307USB and WinLoad
- Menu-driven programming for the Installer, Master and Maintenance codes
- Phone #s: 3 for monitoring station, 5 for personal dialing and 1 for pager reporting
- Patented 2 opto coupler dialer circuit - the most reliable dialer in the industry (US Patents 5751803, RE39406)
- Automatic Daylight Savings Time feature
- Push button software reset (reset to default values and restart)
- Direct connect at 9.6k baud with WinLoad
- 256 events buffered
- Fits in 20cm x 25.5cm x 7.6cm (8in x 10in x 3in) and 28cm x 28cm x 7.6cm (11in x 11in x 3in) metal boxes



STAY D SP6000 | 8 to 32 Zone Control Panel

Same features as the SP5500 plus:

- 8 zone inputs or 16 with zone doubling, expandable to 32 zones
- 2 (+2 optional) on-board PGM outputs, positive or negative triggering
- 1 alarm relay (optional)
- 1.5A switching power supply



STAY D SP7000 | 16 to 32 Zone Control Panel

Same features as the SP6000 plus:

- 16 zone inputs or 32 with zone doubling, expandable to 32 zones
- 4 on-board PGM outputs, positive or negative triggering
- 1 alarm relay



UDS | WinLoad Installer Upload/Download Software

- See full description on page 18

Hardwired Keypads

Features Common to All Hardwired Keypads

- Supports StayD
- 1 keypad zone input
- 8 one-touch action buttons
- Independently set chime zones
- 3 keypad-activated panic alarms
- Connects to 4 wire expansion bus
- Compatible with E55/65*, MG5000, MG5050 and Spectra SP Series
*Except K32LCD



STAY D

K32LCD | 32 Character Hardwired LCD Keypad

- 32 character blue LCD with programmable labels
- Real-time zone alarm display (until disarmed)
- Menu-driven programming for easy system setup (installer and end user)
- StayD status LED
- In-field firmware upgradeable via a 307USB and WinLoad
- Adjustable backlight, contrast and scroll speed
- 2 partition keypad
- See Features Common to All Hardwired Keypads on page 29



STAY D

K35 | 32 Zone Hardwired Fixed LCD Keypad

- Fixed message display that guides you in the operation of the system
- Displays the status of 32 zones in 2 partitions
- StayD status icon
- In-field firmware upgradeable via a 307USB and WinLoad
- Displays Arm, Sleep, Stay and Disarmed status for each partition
- Displays troubles, bypassed zones and alarm memory
- Adjustable backlight
- 2 partition keypad
- See Features Common to All Hardwired Keypads on page 29



STAY D

K32 | 32 Zone Hardwired LED Keypad

- 32 zone LED display
- StayD status icon
- In-field firmware upgradeable via a 307USB and WinLoad
- Separate Arm, Sleep, Stay and Off LEDs per partition
- Adjustable backlight
- 2 partition keypad
- See Features Common to All Hardwired Keypads on page 29



K10V

STAY D

K10V | 10 Zone Hardwired LED Keypad (Vertical)

- 10 zone LED display
- StayD status LED
- Separate Arm, Sleep, Stay and Off LEDs per partition
- Patented Key Light display (button lights up to indicate an open zone)
- Adjustable backlight
- 2 partition keypad
- See Features Common to All Hardwired Keypads on page 29



K10H

K10H | 10 Zone Hardwired LED Keypad (Horizontal)

- 10 zone LED display
- StayD status LED
- Separate Arm, Sleep, Stay and Off LEDs per partition
- Patented Key Light display (button lights up to indicate an open zone)
- Adjustable backlight
- 2 partition keypad
- See Features Common to All Hardwired Keypads on page 29



K636 | 10 Zone Hardwired LED Keypad

- Single partition keypad
- 10 zone LED display
- StayD status LED
- Patented Key Light display (button lights up to indicate an open zone)
- Arm, Sleep, Stay and Off keys illuminate to indicate partition status
- Adjustable backlight
- See Features Common to All Hardwired Keypads on page 29

Hardwired and Wireless Expansion Modules



ZX8SP | 8 Zone Expansion Module

- ZX8SP is compatible with the Spectra SP series, E55/65, MG5000 and MG5050
- Add 8 zones
- 1 PGM output
- Use zone input as an anti-tamper switch input



ZX8 | 8 Zone Expansion Module

- See full description on page 22



RTX3 | Wireless Expansion Module

- See full description on page 8
- Supports SR150 Wireless Siren (see page 47)

System Accessories



PGM4 | 4 PGM Expansion Module

- See full description on page 25



HUB2 | 2 Port Hub and Bus Isolator

- See full description on page 25



PMC5 | Hand-Held Plug-in USB Memory Key

- See full description on page 26



307USB | Direct Connect Interface

- See full description on page 26