



SELF-CONTAINED WIRELESS SECURITY SYSTEM



*The Envoy™ LCD system is the ultimate in advanced wireless security protection. It installs in minutes and provides years of reliable security for your valued customers.*

*In addition to a full range of standard features, the Envoy LCD system also includes LCD-driven 'Flash Programming', a large LCD message screen, 32 wireless zones, and backup communications capability.*

*The quality, flexibility, and reliability of the Envoy LCD wireless security system make it the perfect choice for your customers' security needs.*

## ENVOY LCD SYSTEM FEATURES...

- **Large fixed message LCD screen**  
Provides system status, troubles and real-time clock
- **'Flash Programming'**  
Provides instructions to assist the installer to program the system in minutes
- **Up to 32 wireless zones**  
Provides full security protection
- **Up to 2 hardwired zones**  
Use to provide additional features such as keyswitch arming
- **32 user codes**  
Enough for any application
- **16 wireless keys**  
Easily added to the system without sacrificing zone inputs
- **Self-powered PC-Link™**  
Offers programming flexibility on-site or remotely
- **Local sounder**  
Envoy control unit has a built-in 85 dB sounder for immediate alarm notification
- **Alternate communication (Skyroute™, LINKS2150™, LINKS2450™)**  
Provides wireless communication to the central station even when there is no telephone service
- **Personal paging**  
System can be programmed to call a pager when an alarm occurs, when the system arms or disarms, and on most other system events
- **Local & remote PC programming**  
Program the system from a PC, using DSC's DLS-3 downloading software either locally via a direct connection, or remotely from a dial-up connection

Self-Contained Wireless Security System That 'Installs in a Flash'

## SYSTEM FEATURES, CONTINUED

- **Door chime...**
  - monitor a zone by having the keypad beep when the zone is open and again when it is closed
- **128-event alarm history buffer...**
  - all events are automatically stored in a memory buffer with time and date stamp
  - events can be uploaded, viewed, and printed on a PC using DLS-3 software
- **Local PC-Link & remote upload/download capability...**
  - program the system using DLS-3 software and direct PC connection to the control panel or from a remote PC over the telephone line
  - view status and trouble conditions, and system's 128-event buffer
  - remote access can be controlled by owner to prevent unauthorized access to the system
- **EEPROM memory...**
  - system will not lose programming or system status on complete AC and battery failure (will lose recorded zone labels)
- **Power requirements...**
  - 9 VAC, 20 VA plug-in transformer (supplied)
  - 6 volt, 3.5 Ah rechargeable sealed lead acid battery (supplied)

## FLEXIBLE COMMUNICATIONS

- **Digital telephone communicator fully programmable for...**
  - individual reporting of all alarms, supervisories, and restorals
  - open/close, partial close reporting by access code
  - supports all major formats including SIA, Contact ID, and 20 bps formats
  - automatic SIA & Contact ID reporting codes
  - 3 telephone numbers
  - 2 account codes
  - DTMF and pulse dialing
  - DPDT line seizure
  - split reporting of selected transmissions to each telephone number
  - event-initiated personal paging
  - alternate wireless communications using Skyroute or LINKS transmitters

## FULLY SUPERVISED

- **System is continuously monitored for the following trouble conditions:**
  - System low battery
  - Fire trouble
  - AC power failure
  - Telephone line trouble
  - Device low battery
  - Loss of internal clock
  - Zone faults and tampers
  - Failure to communicate
  - RF jamming

## FALSE ALARM PREVENTION

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

## LCD-DRIVEN 'FLASH PROGRAMMING'

- **Provides instructions to guide installer through the programming of...**
  - device enrollment on a specific zone
  - central station telephone number
  - system account code
  - placement tests for each wireless detector
- **Automatically determines the type of detector (e.g., contact -vs- PIR) and sets default zone definitions to suit standard installations**
  - these may be programmed to accommodate custom installation requirements
- **'Flash Programming' placement test ensures reliable communications between the main control unit and the detectors**

## POWER-DRIVEN

- **Offers the functionality and feature set of the proven PowerSeries™ security systems**

## SYSTEM PACK



### ENVOYLCD1... System Pack

- NT9005-433... main control unit
- One 9V, 20VA plug-in transformer
- One 6V, 3.5Ah rechargeable sealed lead acid battery
- 2 WLS925L-433... mini door/window contacts
- 1 WLS904PL-433... PIR motion detector with pet immunity

## DESK-MOUNT KIT



### NT9005DMK

- Converts any Envoy LCD wall-mount system into a convenient desktop model
- Reduces installation time
- Comes with two 6ft (1.8m) phone cables

## MORE SYSTEM FEATURES

- **32 fully programmable zones...**
  - two zones can be hardwired
  - 25 zone types, 8 programmable zone attributes
- **System supports...**
  - 32 wireless devices
  - 16 wireless keys
  - 2 keyswitches for arming & disarming the system on hardwired zones
  - integral keypad on main control unit
- **38 programmable 4 or 6-digit access codes...**
  - 32 user codes, 1 master code, 2 supervisor codes, 2 duress codes, and 1 maintenance code
- **Keypad lockout...**
  - panel can be programmed to lock out keypad if a series of incorrect access code entries is made
- **'Quick Arm' & 'Quick Exit'...**
  - allow users to arm and exit easily
- **'STAY'/'AWAY' zones and 'STAY' arming...**
  - security of perimeter arming while the premises are occupied
- **PGM outputs...**
  - up to 2 open collector on-board PGM outputs (if no zones are used)
  - up to 4 PGM outputs using the NT9204 output module
- **5 programmable one-touch function keys with 16 options, such as 'STAY' arm, 'AWAY' arm, 'Chime' and 'Quick Exit'**
- **3 keypad-activated alarms... Fire, Auxiliary, and Panic**
  - to avoid false alarms, 2 keys for each alarm must be pressed simultaneously and held for 2 seconds before an alarm is generated
- **3 LED indicators... Ready, Armed, and System**
  - allow system status to be viewed at a glance
- **Keypad-activated alarm output and communicator test**
- **Automatic arming...**
  - program system to automatically arm at the same or variable times each day
  - programmable pre-alert and bell squawk during auto-arm to notify anyone on premises and prevent false alarms
- **Built-in sounder...**
  - capable of 'Fire Bell Continuous' or 'Temporal Three' fire signal
  - silent or audible sounder operation, programmable by zone

# Installs in a 'Flash'

### EMERGENCY KEYS

Dual-key emergency buttons for panic, fire, & auxiliary

### KEYPAD

Numeric keypad with large backlit buttons



### FIXED MESSAGE LCD

Provides user with immediate notification of system events, troubles and real-time clock at a glance.

### LED INDICATORS

Ready, Armed, and Trouble

### ONE-TOUCH FUNCTION KEYS

16 programmable options

## PROGRAMMING

The Envoy LCD system installation process is fast and simple, with no need to read a lengthy manual to program main system functions. The system is shipped ready to install with a peel-off label, providing a quick reference guide for 'Flash Programming'.

Advanced programming provides greater flexibility in security system customization. System modifications can include changes to entry and exit delay times, zone definitions, and the enabling and disabling of specific system options.

You can program the Envoy LCD system using DSC's Windows® downloading software (DLS-3). DLS-3 software enables direct system programming via a locally connected personal computer or remote programming, using a dial-up connection. DLS-3 software can also be used to view system status, trouble conditions, and the system's 128-event buffer.

## SELF-POWERED PC-LINK

The self-powered PC-Link allows for direct-connect computer programming of the NT9005 without the need for a modem. It also permits computer programming of the NT9005 without having to connect AC power directly to the unit. With PC-Link5SP, simply connect the PC-Link5SP PCB to the 5-pin header on the back of the NT9005. This connection will power the unit and the DLS session will automatically begin if you have selected an upload or a download. This makes programming before the installation a snap.

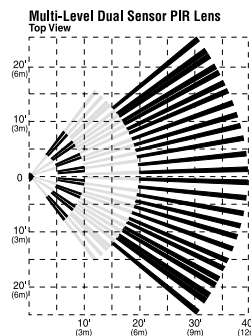
## SKYROUTE / LINKS2150 / LINKS2450 SUPPORT

The Skyroute wireless communication module ensures panel communication even when the phone lines are down or cut. The NT9204 High Current Output/Power Supply module is required in order to connect the Skyroute and LINKS modules to the NT9005.



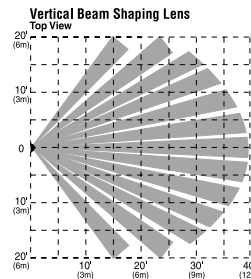
**WLS914-433\*\*\* Dual-Element Pet-Immune PIR**

- PIR with Multi-Level Signal Processing (MLSP)
- Coverage up to: 40'L x 50'W (12.2 x 15.2m)
- Two dual-element low noise sensors
- For one pet weighing up to 85 lbs (38kg)
- Excellent false alarm immunity and catch performance
- Temperature compensation
- 4 AA batteries (supplied)



**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
- Excellent false alarm immunity and catch performance
- High traffic shutdown to preserve battery life
- 2 lithium batteries (supplied)



**PHOTOELECTRIC SMOKE DETECTOR\*\***



**WLS906-433\*\*\* PHOTOELECTRIC SMOKE DETECTOR**

- UL/ULC Listed\*\*
- 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
- Automatic self-test once every 40 seconds with visible and audible trouble indication for low smoke sensitivity and low battery
- Manual user sensitivity test button with local indication of test result
- Installer test mode allows test locally or by transmission to central station
- 6 AA batteries (supplied)

**GLASSBREAK DETECTION**



**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)

**POWER SUPPLY/ OUTPUT EXPANSION**



**NT9204 High Current Output Module**

- Provides 4 high current PGM outputs (output 1 is supervised)
- Provides up to 1.0A of additional current
- Battery backup

**WIRELESS TRANSMITTERS & CONTACTS**



**WLS907T-433 LOW TEMPERATURE SENSOR\*\*\***

- Sends an alarm when a pre-defined low temperature is reached
- The pre-defined temperature points at which alarm and restoral signals are sent are:
  - Alarm: 43°F ± 3°F (6°C ± 2°C)
  - Restoral: 48°F ± 3°F (9°C ± 2°C)
- Fully supervised
- 3 AAA batteries (supplied)



**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)
- Available with a wall tamper switch (WLS935L-433)

**WIRELESS KEYS**



WLS919



WLS909

**WLS909-433 & 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 (WLS919 only)
- 2 long-life lithium batteries (supplied with WLS919)
- 3 x A76 batteries (supplied with WLS909)

\* Patent pending  
 \*\* For residential applications only  
 \*\*\* Supervised for tamper, device fault, low battery

