



SELF-CONTAINED WIRELESS SECURITY SYSTEM



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

In addition to a full range of standard features, the Envoy system also includes audio-assisted 'Flash' programming, voice prompts and responses, remote telephone access, 32 wireless zones, and a family message center.

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

ENVOY SYSTEM FEATURES...

- **Audio-Prompted 'Flash' Programming**
Out of the box and programmed in minutes
- **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
- **Family Message Center**
Records and plays back end-user messages (locally and remotely)
- **Local & Remote Sounder**
Envoy control unit has a built-in 85 dB sounder. The system also supports an optional remote speaker/microphone to sound alarms and to provide 2-way voice communication
- **Voice Response**
Easy to use. Easy to learn. Audio prompts guide the user through system functions & status
- **Telephone Access**
Dial in to arm/disarm the system, hear system status, and leave or play back a message
- **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
- **2-Way Voice**
Handsfree communication with the monitoring station

SYSTEM FEATURES, CONTINUED

- **Door chime...**
 - monitor a zone by having the keypad annunciate when the zone is open and again when it is closed
 - programmable for tone or verbal annunciation
 - verbal annunciation will provide a user-programmable voice prompt over the system speaker(s)
- **Voice messaging...**
 - press and hold the Record key to record a message through the main control unit microphone
 - press and hold the Playback key to play back a previously recorded message
- **128-event buffer/alarm history...**
 - 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™ and 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
- **Central station 2-way voice (talk/listen-in) capability**
 - allows central station operators to listen in on what is happening and talk to people on the premises via the microphone/speaker(s) on the main control unit and the remote sounder
 - programmable for compatibility with central station command protocols

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
 - Remote sounder supervisory
 - Loss of internal clock
 - Zone faults and tampers
 - Failure to communicate
 - RF jamming

FALSE ALARM PREVENTION

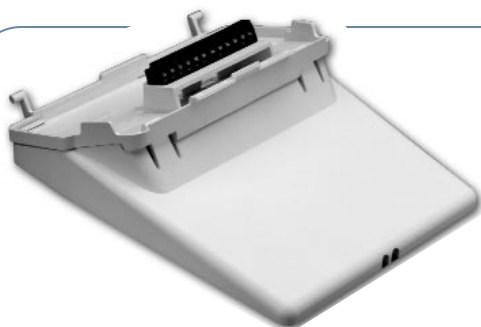
- **Audible exit delay**
- **Audible exit fault**
- **'Quick Exit'**
- **'Urgency' on entry delay**
- **Swinger shutdown**
- **Recent closing transmission**
- **Communication delay**
- **Rotating keypress buffer**
- **Arm/disarm bell squawk**

AUDIO-ASSISTED 'FLASH' PROGRAMMING

- **Provides audio instructions to guide installer through the programming of...**
 - device enrollment
 - zone label assignment
 - 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 system**



DESK-MOUNT KIT

NT9010DMK

- **Converts any Envoy wall-mount system into a convenient desktop model**
- **Reduces installation time**
- **Comes with 2- 6ft (1.8m) phone cables**

MORE SYSTEM FEATURES

- **32 fully programmable zones...**
 - two zones can be hardwired
 - 23 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 user 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
- **8 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 a specific time 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
- **Audio voice prompt system interface...**
 - system can interface with users via programmable audio voice prompts
 - system will announce operating instructions and system events, including alarms, troubles, zone openings/closings, and time via main control unit speaker, remote sounder speaker or by dialing up the system on any local or remote tone (DTMF) telephone
 - some prompts can be turned on or off to customize each installation
 - users can program custom zone labels using the audio label library or they can record their own labels using the built-in recorder

Installs in a 'Flash'

AUDIO FEATURES

Internal speaker for system programming, status announcement and end-user operation.

LED INDICATORS

Ready, Armed, and System

EMERGENCY KEYS

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

KEYPAD

Large numeric keypad with easy to read backlit buttons for use in any lighting conditions

ONE-TOUCH FUNCTION KEYS

16 programmable options

SYSTEM STATUS CONFIRMATION

Local or remote access to voice-prompted system status reports

VOLUME CONTROL

Volume settings are low, medium, and high

FAMILY MESSAGE CENTER

Record or play back messages directly or access the message center from anywhere in the world using a tone (DTMF) telephone

PROGRAMMING

The Envoy 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 peel-off labels, 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 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.

TELEPHONE ACCESS

Access the Envoy security system from anywhere in the world using a tone (DTMF) telephone. The telephone, which becomes a fully functional keypad, enables the user to remotely disarm or arm the security system and check system status. In addition, any tone (DTMF) telephone on the premises can be used to access the Envoy system.

Messages can also be recorded or accessed remotely using a tone (DTMF) telephone, or locally by simply pressing the record or playback buttons on the Envoy control unit. The system is also capable of handsfree 2-way voice communication with the monitoring station via the system's built-in speaker and microphone.

OPTIONAL DEVICES & DETECTORS

WLS919-433... Wireless Key

- Slide cover feature, preventing accidental activation
- 4 programmable function buttons...
 - Preprogrammed for 'STAY' arm, 'AWAY' arm, Disarm, and Panic
- Supervised for low battery
- 2 long life lithium batteries (supplied)



WLS904PL-433... PIR With Pet Immunity

- Vertical Beam Shaping (VBS**) 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
- Fully supervised*
- 2 lithium batteries (supplied)



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)



WLS925L-433... Mini Door/Window Contact

- A magnetic door or window contact
- Complete with surface-mount magnet
- Terminal connection for an external contact
- Fully supervised*
- 1 lithium battery (supplied)



WLS912L-433... Glassbreak Detector

- Exceptional microphone frequency range provides excellent sound capture at low sound levels and distances up to 25 ft (7.6 m)
- Detects breakage of all common types of framed glass including plate, float, wired, tempered, and laminated
- Fully supervised*
- 2 lithium batteries (supplied)



WLS906-433... Photoelectric Smoke Detector

- 90° smoke detection pattern
- Automatic self-test
- Manual test button
- Loud 85 dB alarm sounder
- Fully supervised*
- 6 AA batteries (supplied)



WLS907T-433... Low Temperature Sensor

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



NT9201... Remote Sounder

- Extends alarm sounder, voice prompt, and central station 2-way talk/listen-in to a remote location
- Install a 4-wire supervised connection up to 500 ft or 152 m (using 22 AWG wire) from the NT9010-433 main control unit
- Output switch to trigger an external siren



NT9202... Output Module

- 2 transistor outputs -- fire & burglary
- Normally Open or Normally Closed outputs
- 3-wire connection to the NT9010
- Used to trigger an external siren, back-up communicator or X-10 module



BASIC SYSTEM PACKAGE



NT9010 SP 21P... System Pack

- NT9010-433... 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 WLS904P-433... PIR motion detector with pet immunity

* Supervised for tamper, device fault, & low battery
 ** Patent pending

