

## Overview

Simon XT is a cost-effective security system that offers up to 40 zones of burglary and fire protection and complies with SIA False Alarm Standards. With a built-in display touchpad and status speaker that provides visual and voice messages for feedback, Simon XT is well suited for houses, apartments, and condominiums.

The Simon XT panel comes standard with 40 wireless zones, or it can be set up with 38 wireless zones and two built-in hardwired supervised burglary zones (normally-closed loop only). The built-in radio receiver works with both Crystal and SAW Learn Mode sensors.

Simon XT supports off-premise telephone control to arm and disarm the system, check system status, activate no entry delay, or activate the latchkey feature. With latchkey capabilities, the panel can be programmed to notify customers if the system has not been disarmed at a scheduled time.

### *Convenient and expandable*

Simon XT supports convenient system operation from anywhere within the premises with the use of wireless touchpads. Choose from the Remote Handheld Touchpad, 2-, 4-, or 5-button crystal or SAW Keychain Touchpads (keyfobs), or 2-Button ELM Keychain Touchpad. ELM (encrypted learn mode) technology secures every keychain touchpad transmission. When powered by the optional line carrier transformer, adding X10® modules lets customers control lights, appliances, and other devices.

### *Enhanced monitoring*

Simon XT can send messages to a central monitoring station using SIA or Contact ID (CID) formats. The panel can also report alarms to another land-line phone location or cell phone using Voice Event Notification. Built-in 2-way voice capability with VOX (voice activated switching) provides additional security and emergency contact with the control monitoring station.

### *Effortless programming*

System programming can be done from the panel using the built-in touchpad, or off-site using Enterprise Downloader Software (revision 3.4 or later).

## Standard Features

- 40 wireless zones — two can be hardwire (normally-closed loop only)
- Supports both Crystal and SAW Learn Mode sensors
- Supports repeaters
- Supports two-way RF products (version specific)
- Indoor and outdoor motion sensors
- Chime feature for monitoring door, window, or motion activity
- 1 master access code and 8 programmable user access codes of 3 to 6 digits
- SIA or CID central station reporting formats and Voice Event Notification reporting via PSTN (native) and/or GSM, IP (with optional modules)
- Programmable No Activity and No Usage report features
- Built-in 2-way voice
- Meets SIA False Alarm Standards
- 100-event buffer with time and date stamp
- Panel voice and beeps that can be disabled
- Program panel with built-in touchpad or Enterprise Downloader software v3.4 or later
- Firmware flash upgrades can be done remotely
- Expansion options
  - Internet based interactivity (with Alarm.Com GSM module & service)
  - Support for on-premise remote control with optional talking touchpad accessory

# Simon XT

Affordable, reliable security  
featuring LearnMode™ Technology



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Specifications subject to  
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## Specifications

### Electrical

- Required transformer: Class II, 9 VAC, 3.34A, 60 Hz (60-899, 60-899-CN in Canada)
- Fuse: Non-replaceable transformer fuse
- Backup batteries: 6 VDC, 1.2 Ah lead acid (60-914)
- Backup time: 24 hours (fully charged)
- Battery test: 10 seconds under load every 4 hours

### Radio receiver

- Type: SAW-controlled superheterodyne
- Frequency: 319.5 MHz/ Bandwidth 350 kHz
- Sensitivity: -110 dBm nominal
- Nom. range without GSM module present: 1000 ft. open-air receiving range
- Nom. range with GSM module present: approx. 500 ft. open-air receiving range

### Telephone/modem

- Dialing: DTMF or pulse
- Modem: Modified Bell 103 (110 or 300 bps)
- Telephone interface: Line seizure relay

### Inputs/outputs

- Total input zones: 40 or 38 wireless and 2 hardwire (normally-closed loop only)
- Auxiliary power: Unregulated 5.1 to 12 VDC; power-limited to 250 mA (maximum) @ 10 VDC
- Siren output: 1 Hardwire Interior Siren (5.1 to 9 VDC)

### Digitized voice

- Digitization type: Continuous Variable Slope Delta (CVSD) Modulation
- Playback rate: 88,200 bits/second

### Environmental

- Operating temperature: 32 to 122°F (0 to 50°C)
- Relative humidity: 90% max., non-condensing

### Physical

- Color: White
- Dimensions (LxWxD): 5.7 x 7.05 x 2.1 in. (144 x 179 x 53 mm)
- Weight, without battery: 1.0 lb. (454 g)
- Installation: Wall mount
- Construction, chassis: ABS

### Regulatory

- FCC: Part 15, Part 68
- UL: 985, 1023, 1635/ULC Listing ORD-C102319-74,ULC-S545-M89 (Pending)
- CSFM: California State Fire Marshall (Pending)

## Ordering Information

### Simon XT Packages

80-632-3N-XT	Simon XT starter package without X-10
80-632-3X-XT	Simon XT starter package with X-10 (available 2008)
80-213-3-XT	Simon XT demonstration kit

### Accessories

60-362-10-319.5	Crystal door/ window sensor
60-670-95R	SAW door/window sensor
60-659-95R	4-button keychain (keyfob)
60-906-95	Wrist panic sensor
60-807-95R	SAW pet immune motion sensor
60-652-95	Carbon Monoxide sensor

### Accessories (sample list of compatible devices)

60-742-95R	Freeze sensor
60-744-95R	Water sensor
60-848-02-95	Smoke detector
60-671-95R	Wireless remote keypad
60-924-3-01	Touchtalk interactive keypad
60-707-01-95R	2-button keychain (keyfob)
600-1048-XT	Simon XT GSM cellular module

