

# Simon XT™

Reliable, wireless security conveniently controlled when home or away



## OVERVIEW

Simon XT™ is a cost-effective security system that offers up to 40 zones of burglary and fire protection, and which complies with SIA False Alarm Standards. With a built-in display touchpad and a status speaker that provides visual and voice messages for feedback, Simon XT is well suited for houses, apartments, and condominiums. Optional GSM reporting and alarm.com features support off-premises control to arm and disarm the system, check system status, activate no-entry delay, or activate the latchkey feature.

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 LearnMode™ sensors.

Simon XT supports convenient system operation from anywhere within the premises with the use of wireless Two-Way Talking Touch Screens and/or touchpads. Optional Keyfobs (two- and four-button versions) can also be used for convenient local system control. In addition to using the Simon XT as a security system, optional wireless devices can be added to provide control over other functions for added convenience. These devices include Z-Wave® wireless lighting control devices, Z-Wave wireless thermostats for home HVAC systems and Z-Wave door lock controls.

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 two-way voice capability with VOX (Voice-Activated Switching) provides additional security and emergency contact with the control monitoring station.

## STANDARD FEATURES

- 40 wireless zones — two can be hardwired (normally-closed loop only)
- Built-in PSTN 2-way voice capability (over GSM with optional module)
- Supports both crystal and SAW LearnMode sensors
- Supports repeaters
- Supports 2-way RF products (version-specific)
- 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 optional GSM and IP modules
- Programmable No Activity and No Usage report features
- 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
- Digitized voice
- Expansion options
  - Internet-based interactivity (with third-party providers)
  - Support for on-premises remote control with optional talking touchpad accessory

## FEATURES THAT SECURE YOUR HOME AND PROTECT YOUR FAMILY

### Safe

**Two-way communication** – microphone for emergency two-way communication with monitoring station personnel

**Always secure** – backup power supply keeps the system operational during power failures

### Effective

**Emergency fast-action keys** – quickly summon Fire, Medical or Police assistance with one button

**Super-loud piezo siren** – provides effective alert notice throughout the home

**Hear clearly** – Speaker for voice audio status messages and prompts, live communications with monitoring station personnel and configurable “voice chimes”

### Convenient

**User friendly** – up-front and easy-to-understand buttons for arming, disarming and status display

**Easy to read** – large, backlit LCD display makes it easy to read status updates and messages

**Illuminated buttons** – easy-to-see backlit buttons and controls



powered by  **ALARM.COM**

### Options to make the most of your system

With the optional GSM reporting and Alarm.com features, Simon XT™ features remote monitoring and control of your security system for convenient and effective home protection.

- Control latchkey and no-activity alarms
- Receive voice, email or text message reports
- Remote lighting control
- Monitor household activity in real time
- Arm/Disarm Simon XT from anywhere

## Featured Accessories

Extend the capabilities of Simon XT with optional accessories for added convenience and performance.



### Two-Way Talking Touch Screen

Up to four of these color LCD screens function as additional interfaces to control Simon XT security systems.

## Detectors and Sensors

- Z-Wave® lighting and lock control\*
- Z-Wave HVAC control\*
- Smoke and heat detectors
- Door/window sensors
- Freeze and water sensors
- Motion and shock sensors
- Keychain touchpads
- Glass guard sensors
- Wireless panic buttons
- NEW Carbon monoxide sensors
- Remote handheld touchpads



### Maximum Life Wireless Door/Window Sensors

Featuring two-axis sensing and 10+ year maximum battery life, these wireless sensors are designed to monitor doors, windows, cabinets or virtually anything that opens.



### ShatterPro™ Glassbreak Sensors

With a 20-ft. range and 360° coverage pattern, these sensors detect breaking glass using Pattern Recognition Technology™. A simple hand clap or handheld tester confirms that the sensor is operational.



### Four-Button Micro Keyfob

This small, powerful touchpad acts as an electronic key to arm or disarm security systems.

\*Third party device and service plan required in order to use Z-Wave features.

## 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)

### Environmental

Operating temperature	32 to 122°F (0 to 49°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

### Physical

FCC	Part 15, Part 68
UL	985, 1023, 1635/ULC Listing ORD-C102319-74,ULC-S545-M89
CSFM	California State Fire Marshall
CP01	

## Ordering Information

### Simon XT Packages

<b>80-632-3N-XT</b>	Simon XT starter package without X10
<b>80-517-3N-XT</b>	Simon XT 3/1/1 SAW package A5 without X10
<b>80-649-3N-XT</b>	Simon XT Crystal package C5 without X10
<b>80-649-3D-XT-GSM-TM</b>	Simon XT 3/1/1 Kit w/Z-Wave, GSM for T-Mobile Network
<b>80-649-3N-XT-TS-TM</b>	Simon XT w/Two-Way Talking Touch Screen & GSM Kit
<b>80-649-3N-XT-TS</b>	Simon XT w/Two-Way Talking Touch Screen

## Accessories (sample list of compatible devices)

60-362N-10-319.5	Crystal door/window sensor
60-670-95R	SAW door/window sensor
600-1064-95R	4-button keychain (keyfob)
60-906-95	Wrist panic sensor
60-807-95R	SAW pet immune motion sensor
13-949	Interior siren
13-950	Exterior siren
60-924-RF-TS	Simon XT Two-Way Talking Touch Screen
TX-6310-01-1	Carbon Monoxide
TX-1010-01-1	DesignLine door/window sensor
TX-4014-01-2	DesignLine 4-button keypad
TX-6010-01-1	Smoke detector
60-744-95R	Water sensor
60-742-95R	Freeze sensor
600-1048-XT-ZX-TM	GSM radio for XT/XTi with Z-Wave (T-Mobile)
600-1048-XT-ZX-AT	GSM radio for XT/XTi with Z-Wave (AT&T)
IS-ZW-TSTAT-300	Z-Wave advanced thermostat
IS-ZW-AM-1	Z-Wave plug-in fluorescent light and appliance module
IS-ZW-LM-1	Z-Wave plug-in lamp module
IS-ZW-OM-1	Z-Wave outdoor module
IS-ZW-WS-1	Z-Wave in-wall on/off switch



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