



Simon® 3 Control Panel

Affordable, Reliable Security
Featuring Learn Mode Technology

Overview

Simon 3 is a low-cost security panel that offers up to 24 zones of burglary and fire protection and complies with SIA False Alarm Standards. With a built-in touchpad and status speaker that provides voice messages for feedback, Simon 3 is well-suited for houses, apartments, and condominiums.

Outstanding Features

The panel comes standard with 24 wireless zones, or you can use 22 of the wireless zones along with the 2 built-in hardwired supervised burglary zones (normally-closed loop only). The built-in radio receiver works with both Crystal and SAW Learn Mode sensors.

Using remote phone control, you can 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

Add convenient system operation from anywhere within the premises with wireless touchpads. Choose from the Remote Handheld Touchpad, Dialog 2-Way RF Touchpad, 2-, 4-, or 5-Button SAW Keychain Touchpads, 2- or 4-Button Crystal Keychain Touchpads, or 2-Button ELM (encrypted learn mode) Keychain Touchpad. ELM 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. The Dialog RF Electronic Thermostat provides a money-saving and convenient way to monitor and control temperatures by integrating heating and cooling features into a security system.

Enhanced Monitoring

Simon 3 can be a monitored system that sends messages to a central monitoring station using SIA or Contact ID (CID) formats, or to a numeric pager carried by a designated user. 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 central monitoring station (model 60-875-11-3 only).

Effortless Programming

System programming can be done on-site from the panel using the built-in touchpad, or off-site using ToolBox® downloader software (versions 5.4 and later).



Standard Features

- 24 wireless zones of which 2 can be hardwire (normally-closed loop only)
- Supports both Crystal and SAW Learn Mode sensors
- Supports repeaters
- Supports Dialog 2-Way RF Products
- Indoor and outdoor motion sensors
- Chime feature for monitoring door, window, or motion activity
- 1 master access code and 5 programmable user access codes
- Programmable access code length (3 - 6 digits)
- SIA or CID Central station reporting formats, numeric pager, and Voice Event Notification reporting
- Programmable No Activity and No Usage Report features
- Built-in 2-way voice with VOX (model 60-875-11-3 only)
- Complies with SIA False Alarm Standards
- 100 Event buffer with time and date stamp
- Panel voice and panel beeps can be disabled
- Program panel on-site using built-in touchpad or off-site using ToolBox (version 5.4 and later)
- Optional table-mounting base

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The Expansion Options

- Up to 8 individual or groups of lights or appliances can be installed and controlled from panel, touchpads, or a programmed schedule (requires X10 Lamp or Appliance Modules)
- Dialog RF Electronic Thermostat can be installed and controlled from the panel.

Touchpad Options

- Remote Handheld Touchpad
- 2-, 4-, or 5-Button SAW Keychain Touchpads
- 2- or 4-Button Crystal Keychain Touchpads
- 2-Button ELM Keychain Touchpad
- Dialog 2-Way RF Touchpad

Ordering Information

Main Product Offering	Part Number
Simon 3 Panel with transmitter	60-875-10-3
Simon 3 Panel with 2-way voice and transmitter	60-875-11-3
Remote Handheld Touchpad	60-671-95R
Dialog 2-Way RF Touchpad	60-924-3
Dialog RF Electronic Thermostat	60-909-95
Toolbox	60-675-WIN

Literature	Part Number
Dealer Price List	466-1289-01
Installation Instructions	466-1873
User's Manual	466-1871
Installation Video	466-1934
User's Video	466-1933



Specifications

Power Supply

- Required Transformer: Class II, 9 VAC, 700 mA, 60 Hz (60-898-IT); 22-109-CN in Canada) or Class II, 9 VAC, 700 mA, 60 Hz Power Line Carrier (60-913; 22-129-CN in Canada)
- Fuse: Non-replaceable transformer fuse
- Backup Batteries/Backup Time: 6 VDC, 1.2 Ah lead acid (60-914) - 24 Hours (fully charged)
- Battery Test: 10 seconds under load every 4 hours

Radio Receiver

- Type: AW-Controlled Superheterodyne
- Frequency: 319.5 MHz / Bandwidth 350 kHz
- Sensitivity: -110 dBm nominal
- Nominal Range: 500 ft. (240 m) 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: 24 or 22 wireless and 2 hardwire (normally-closed loop only)
- Auxiliary Power: Unregulated 5.1-12 VDC; power-limited to 250 mA (maximum) @ 10 VDC
- Siren Outputs: 1 Hardwire Interior Siren and 1 Hardwire Exterior Siren output (5.1-12 VDC)

Microprocessor

- Processor Type: Mitsubishi M30620FCAPP / Processor Clock 16 MHz
- System ROM: 32 kilobytes / System RAM 3 kilobytes
- Memory Retention: Unlimited duration (4 Mbit Flash)

Digitized Voice

- Digitization Type: Continuous Variable Slope Delta (CVSD) Modulation
- Playback Rate: 88,200 bits/second
- Vocabulary Size: 212 words (approximately 90 seconds)

Environmental

- Operating Temperature: 32° (0 °C) to 122°F (50 °C)
- Maximum Humidity: 90% relative humidity, noncondensing

Standards

- FCC: Part 15, Part 68
- UL Listings: 985, 1023, 1635 / ULC Listings ORD-C1023-1974, ULC-S545-M89
- CSFM: California State Fire Marshall

Physical Description

- Color: Belgian Gray
- Dimensions: 7.5" x 6.75" x 1.5" (L x W x D)
- Weight: 1.0 lbs. (without battery)
- Installation: Wall and table mounting
- Chassis Material: ABS

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