

Concord Express™ delivers integrated hardwire/wireless security, providing up to 24 zones of burglary and fire protection. For residential customers—both retrofit and new construction—Concord Express is a valuable and affordable security choice. Its modular design provides flexibility for creating system solutions that customers want. Concord Express is easy to install, simple to use, and complies with SIA False Alarm Standards.

The Concord Express panel comes standard with six hardwire zone inputs, of which one can be set up as a 2-wire smoke detector loop that can handle up to 10 detectors. A built-in radio receiver with 16 wireless zones allows for easy and inexpensive addition of any LearnMode™ sensors, remote keychain touchpads and wireless panics, providing installation flexibility to meet the needs of users and installers. Encrypted LearnMode technology secures every keychain touchpad transmission.

Two built-in outputs can be programmed to activate external devices during an alarm or other system events.

Adding a SnapCard™ expands system hardwire zone inputs and outputs. The 8Z input SnapCard provides six regular hardwire zones and two 2-wire smoke loops. The 4Z/2 output SnapCard adds three regular hardwire inputs, one 2-wire smoke loop input,

and two programmable relay outputs. The 4 output SnapCard adds four programmable relay outputs. Each card (one per panel) connects easily to the panel circuit board inside the cabinet for a clutter-free, professional installation. Expand the system further by adding a SuperBus 2000 8Z input module for eight additional zones per module.

With 16 user-programmable access codes, residential customers can grant access privileges to several users. Numeric paging provides users with system status and latchkey notification.

Conduct quick and easy on-site programming with alphanumeric touchpads and a menu-driven text interface with shortcut menu numbers. For off-site programming, use GE Security's ToolBox® downloader software.

Features

- 22 zones—six onboard hardwire inputs and 16 wireless zones
- 2- and 4-wire smoke detector compatibility
- 2 onboard programmable outputs
- Compatible with all LearnMode sensors and Encrypted LearnMode keychain touchpads
- Panel auxiliary power provides 750 mA (continuous)
- 16 user-programmable access codes
- Latchkey numeric paging
- SIA False Alarm Reduction standard
- 50-event history buffer
- Keyswitch arming using a hardwire or wireless zone
- Programmable from on-site alphanumeric touchpads or off-site using ToolBox software

Concord Express
powerful, expandable security featuring
encrypted LearnMode technology





Specifications

Americas

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Latin America

tel 305-593-4301

fax 305-267-4300

Power supply

- Transformer: Class II, 16.5 VAC, 25 VA, 60 Hz
- Backup battery: 12 VDC, 4 Ah rechargeable, sealed, lead-acid
- Battery backup time: 24 hours (when fully charged, with appropriate external load)
- Battery test: 15 minutes under load every 24 hours (every 4 hours for UL installations)
- Transformer fuse: Non-replaceable fuse
- Panel aux. voltage output: Current-limited 12 VDC

Communication formats

- Dialing: DTMF or pulse with integrated line seizure relay
- Formats supported: SIA Digital II (300 bps) or Contact ID
- Capabilities: 2 central station phone numbers and 3 pager phone numbers

Inputs

- Input zones: 24 max., 22 built-in; 6 hardwire zone inputs and 16 wireless zones
- Databus format: SuperBus 2000 with auto-enrolling capability
- Databus capacity: Up to 4 devices

Outputs

- Output 1 (OUT1/+12V): 12 VDC, 1.25 A (max. during alarm)
- Output 2 (OUT2/OC): Open collector, 200 mA max.
- Aux. power output: Regulated, current limited, self-resetting 12 VDC, 750 mA continuous

False alarm prevention

- Exit extension: Restarts exit delay timer for re-entry through an exit/entry delay door
- Swinger: Bypasses false alarming devices
- Recent closing: Burglary alarms occurring within 2 minutes of an exit delay report as a recent closing
- Code only disarm: User can disarm an alarm with only their code

Environmental

- Operating temperature: 32 to 120°F (0 to 49°C) and up to 140°F (60°C) under temporary conditions
- Storage temperature: -30 to 140°F (-34 to 60°C)
- Relative humidity: 90% max., noncondensing

Physical

- Dimensions (HxWxD): 11.0 x 9.0 x 3.0 in. (280 x 229 x 76 mm)
- Weight: 5.0 lbs. (2.27 kg) without battery
- Construction: 0.038 in. 20 gauge steel, punched and formed
- Lock set: Optional
- Color: Gray
- Installation: Wall mount

Regulatory

- FCC Parts 15 and 68
- UL
- CUL
- CSFM