



Concord

Powerful, Expandable Security
Featuring Encrypted Learn Mode Technology

Overview

Concord™ with software version 3.0 and later is a full-featured security system that uses advanced technology for burglary and fire detection. Available in both hybrid and RF integrated versions, Concord is a dependable security system that is both easy to install and simple to use. Modular design and advanced software provide outstanding system flexibility to meet the needs of virtually any customer. With 2 partitions and up to 96 zones, Concord can handle big or small residential or commercial security needs.

High Standards

The panel comes standard with 8 hardwire zone inputs, of which one can be set up as a 2-wire smoke detector loop that can handle up to 10 detectors. Integrated panels include a built-in RF receiver with either 16 or 32 wireless zones for instant compatibility with the complete line of Learn Mode sensors. Two programmable output points can be set up to activate external devices during an alarm or other system event.

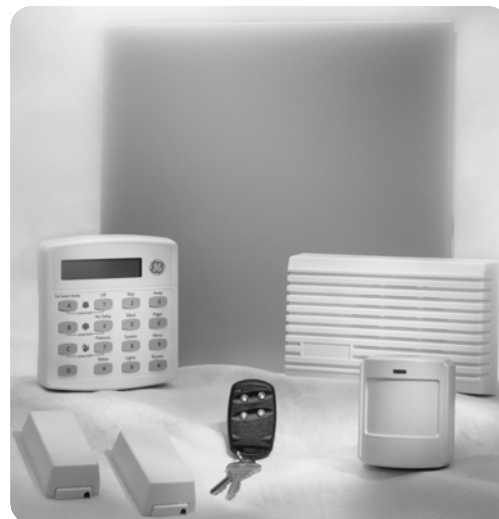
Easy Expansion

Expand Concord's capabilities by adding SuperBus® 2000 8Z Input Modules for eight additional zones per module, or SuperBus 2000 4-Relay Output Modules to add four more output points. SnapCards™ also add to system zone inputs and outputs. Each card (one per panel) connects easily to the panel circuit board inside the cabinet for a clutter-free, professional installation. Increase wireless zones by adding up to four SuperBus 2000 RF Receivers available in 16, 32, and MAX-zone (panel maximum) configurations.

Expand the system even further with a Phone Interface/Voice Module for on- and off-site system control using touch-tone phones. The module includes a speaker output that provides on-site voice status and alarm messages. Adding a SuperBus 2000 Energy Saver Module lets your customers control heating and air conditioning. The Power Line Carrier card adds X10 light control and Supervised Wireless Siren operation. The Wireless Gateway Module allows users to control and monitor the status of their system from the alarm.com website.

Effortless Programming

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 ToolBox® downloader software (version 5.7 and later).



Standard Features

- 2 partitions
- All panels have 8 built-in hardwire zones; Integrated panels have an additional 16 or 32 built-in wireless zones
- 2 onboard programmable outputs
- Compatible with all crystal and SAW Learn Mode sensors
- 2 and 4-wire smoke detector compatibility
- Panel auxiliary power provides 1A (with 30 VA transformer), 2A (with 50 VA transformer)
- Built-in 12-watt siren driver
- SuperBus 2000 compatibility (16 total devices)
- 230 user-programmable access codes with programmable authority levels
- Latchkey numeric paging with optional keychain touchpad activation
- 250-event history buffer that can be viewed from any alphanumeric keypad or Downloader
- Keyswitch arming using a hardwire or wireless zone
- Programmable on-site using alphanumeric touchpads or off-site using ToolBox
- Time and status displayed on Fixed Display touchpads
- 96-zone maximum achieved through additional input devices
- 16-schedules available for scheduled lighting and outputs

Ordering Information

Main Product Offering	Part Number
Concord Hybrid Panel	60-734-01
Concord Integrated Panel	60-792-01-95R-16Z
Concord Integrated Panel	60-792-01-95R-32Z
Concord Commercial	60-801

Expansion Options	Part Number
8Z Hardwire Input SnapCard	60-757
4Z/2 Output SnapCard	60-756
4 Output SnapCard	60-758
SuperBus 2000 RF Transceiver Module	60-821-95, 60-856-95
SuperBus 2000 Phone Interface and Voice Module	60-777-01
SuperBus 2000 RF Receiver	60-764-01-95R
SuperBus 2000 8Z Input Module	60-774
SuperBus 2000 4 Output Module	60-770
SuperBus 2000 Energy Saver Module (ESM)	60-620-01

Touchpad Options	Part Number
Crystal, SAW and Encrypted Learn Mode Keychain Touchpads	60-659-95R, 60-832
HiTech Handheld Touchpad	60-597
SuperBus 2000 Fixed Display Liquid Crystal Display Touchpad	60-820
SuperBus 2000 2x16 and 2x20 Liquid Display Alphanumeric Touchpads	60-746-01, 60-803-04,
SuperBus 2000 2x20 Vacuum Fluorescent Display Alphanumeric Touchpad	60-810-03

Specifications

Power Supply

- Required Transformer: Class II, 24 VAC, 30 or 50 VA, 60 Hz
- Backup Battery: 12 VDC, 4 Ah or 7 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: 3 central station phone numbers and 5 pager phone numbers

Inputs

- Input Zones: 96 maximum Hardwire or Wireless, 8 Hardwire zones built-in
- Databus Format: SuperBus 2000 with auto-enrolling capability
- Databus Capacity: Up to 16 devices

Outputs

- OUT1/OC (Output 1): Open-collector, 200 mA (maximum)
- OUT2/OC (Output 2): Open-collector, 200 mA (maximum)
- Auxiliary Power Output: Regulated, current limited, self-resetting 12 VDC: 1A (30 VA transformer) or 2A (50 VA transformer)

Environmental

- Operating Temperature: 32° to 120° F (0° to 49° C). Up to 140° F (60° C) under temporary conditions.
- Storage Temperature: -30° to 140° F (-34° to 60° C)
- Maximum Humidity: 90% relative humidity, noncondensing

Physical Description

- Dimensions: 12.0" (31 cm) wide x 12.0" (31 cm) high x 3.0" (8 cm) deep
- Chassis Material: .048-in (1.2 mm) 16 gauge steel, punched and formed
- Weight: 5 lbs. 10 oz. (2.5 kg)
- Installation: Wall mounting
- Color: Gray
- Lock Set: Optional

Approvals/Listings

- FCC: Parts 15 and 68
- UL: Household Fire Warning System Unit (UL985)
Household Burglar Alarm System Unit (UL1023)
Central Station Burglar Alarm Units (UL1610) (60-801 only)
Digital Alarm Communicator System Units (UL 1635)
- CUL: Residential Burglary Alarm System Unit (ULC-S309)
Residential Fire Warning System Control Unit (ULC-S545-M89)
- CSFM: Household Fire Warning System

False Alarm Prevention

- Exit Extension: Re-starts 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
- Auto Stay Arming: Automatically arms to stay if no one exits after arming to away



GE Interlogix