

# GE Security

**Concord™ 4** is a full-featured security system for intrusion and fire detection that complies with false alarm standards. Easy to install and simple to use, Concord's modular design and advanced software provide outstanding system flexibility to meet the needs of virtually any residential or commercial security application.

## High standards

The panel comes standard with eight hardwire zone inputs, including a 2-wire smoke detector loop that can handle up to 20 detectors. A built-in RF receiver with 96-zone capacity provides instant compatibility with the complete line of GE Security Learn Mode sensors. Two programmable outputs 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 RF coverage area by adding up to four SuperBus 2000 RF receivers or SuperBus 2000 RF transceivers. Each receiver supports all 96 zones.

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 users control heating and air conditioning. The Power Line Carrier Power Transformer adds X10 light control. The Wireless Gateway Module allows users to control and monitor the status of the system from the Alarm.com web site.

Increase power capability for system peripherals with a SuperBus 2000 2-amp Power Supply Module with battery backup. The module provides 2 amps at 12 VDC.

## Features

- Six partitions and eight built-in hardwire zones—96 zones maximum as either hardwire, wireless, or combination
- 96 wireless zones standard onboard
- Two onboard programmable outputs
- Compatible with all GE Security crystal and SAW Learn Mode sensors
- SIA CP-01 False Alarm Reduction Standard compliant
- 2- and 4-wire smoke detector compatibility
- Panel auxiliary power provides 1 amp
- Built-in 12-watt siren driver

# Concord 4

Powerful, expandable security  
with Learn Mode technology



## Additional Features

- 230 user-programmable access codes with programmable authority levels
- Latchkey numeric paging with optional keychain touchpad activation
- Audio verification in partition 1 with VOX mode (requires Interrogator® 200)
- 250-event history buffer viewable from any alphanumeric keypad, Downloader, or automation device
- Keyswitch arming using a hardwire or wireless zone
- Programmable on site using alphanumeric touchpads or off site using Enterprise
- Time and status displayed on all touchpads
- 16 schedules available for scheduled lighting and outputs

## Effortless programming

Conduct quick and easy on-site programming with alphanumeric touchpads and a menu-driven text interface with shortcut menu numbers. A quick programming menu makes it even easier to install smaller, basic systems. For off-site programming, use Enterprise® downloader software (version 3.1 and later).

Macro keys (available only on ATP 2100 and ATP 2600 touchpads) simplify system operation. Pressing a single button performs a system command, eliminating the need to

enter in an entire command string. Each of the four macro buttons on these touchpads can be programmed to perform one system command per partition. System commands up to 14 key presses can be programmed.

Macro keys can be used to create custom arming levels. For example, a user might create an arming level that would automatically bypass selected interior sensors to create a special "Night" mode setting.

# Specifications

## Power supply

- Required transformer: Class II, 16.5 VAC, 40 VA, 60 Hz
- Backup battery: 12 VDC, 4.5 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 auxiliary voltage output: Current-limited, 1.0 A max. @ 12 V DC

## 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 max. hardwire or wireless; 8 hardwire zones built in, 96 zone wireless capacity built in
- Databus format: SuperBus 2000 with auto-enrolling capability
- Databus capacity: Up to 16 devices

## Outputs

- OUT1/+12V (output 1): 12 VDC, 1.0 A (max. combined with auxiliary power output)
- OUT2/OC (output 2): Open-collector, 300 mA max.
- Auxiliary power output: Regulated, current limited, self-resetting 12 VDC: 1.0 A (max. combined with output 1)

## 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)
- Relative humidity: 90% max., noncondensing

## Physical

- Dimensions (HxWxD): 14.0 x 12.0 x 3.0 in. (356 x 305 x 76 mm)
- Weight: 5 lb., 10 oz. (2.5 kg)
- Chassis material: 0.048-in. (1.2 mm) 16 gauge steel, punched and formed
- Color: Beige
- Installation: Wall mount
- Lock set: Optional

## Regulatory

- FCC Parts 15 and 68
- UL 985, UL 1023, UL 1635
- CUL
- SIA CP-01 2000 False Alarm Prevention

# Ordering information

## Concord 4 panels

600-1021-95R	Concord 4 RF panel
600-1040	Concord 4 Commercial

## Expansion options

60-620-01	SuperBus 2000 energy saver module (ESM)
60-756	Combo input/output SnapCard
60-757	8Z hardwire input SnapCard
60-758	4-output SnapCard
60-764-01-95R-MAX	SuperBus 2000 RF receiver
60-770	SuperBus 2000 4 output module
60-774	SuperBus 2000 8Z input module
60-783-02	SuperBus 2000 automation module
60-777-01	SuperBus 2000 phone interface and voice module
60-821-95	SuperBus 2000 commercial transceiver module (compatible with crystal sensors and touchpads)
60-850/60-850-01	SuperBus 2000 cellular backup module
60-861	SuperBus 2000 wireless gateway module
600-1019	SuperBus 2000 2.0 A power supply module
600-1025-01-95R	SuperBus 2000 transceiver module

## Touchpad options

60-597-95	HiTech handheld touchpad
60-659-95R/60-832-95R/60-606-319.5	Crystal, SAW and encrypted Learn More keychain touchpad
60-746-01/60-803-04	SuperBus 2000 2x16 and 2x20 LCD alphanumeric touchpads
60-804-04	SuperBus 2000 2x20 vacuum fluorescent display alphanumeric touchpad
60-820	SuperBus 2000 fixed display LCD touchpad
60-983	ATP1000 alphanumeric touchpad
60-985/60-984	ATP2100 and ATP2600 alphanumeric touchpads
600-1013	GTS 50 graphical touchpad

## Transformer options

600-1023	16.5 V, 40 VA standard transformer, UL listed for U.S. applications
600-1023-CN	16.5 V, 40 VA standard transformer, CUL/CSA listed for Canadian applications
600-1024	16.5 V, 40 VA power line carrier transformer, UL listed for U.S. applications



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