GE
Security

Concord Ultra

Concord™ Ultra is a full-featured security system that uses advanced technology for burglary and fire detection. Easy to install and simple to use, Concord Ultra's modular design and advanced software provide outstanding system flexibility for almost any application. With two partitions, up to 96 zones, and an open-air range of more than 2300 feet (700 meters), Concord Ultra can handle big or small residential security needs.

The Concord Ultra boasts an impressive list of standard features. It 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. A built-in SuperBus® 2000 RF Transceiver provides instant compatibility with the complete line of crystal Learn Mode sensors. A built-in SuperBus 2000 Phone Interface/Voice Module allows system access and control using touch-tone telephones, on- or off-site. The module includes a speaker output that provides on-site voice status and alarm messages. Two programmable output points can be set up to activate external devices during an alarm or other system event. The Power Line Carrier card adds X10 light control and Supervised Wireless Siren operation.

Concord Ultra's standard peripherals are all pre-installed and tested, making the panel ready to go right out of the box to save time and money.

Expand Concord Ultra'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.

Adding a SuperBus 2000 Energy Saver Module lets users control heating and air conditioning. The Wireless Gateway Module allows users to control and monitor system status from the Alarm.com website. Adding a SuperBus 2000 RS-232 Automation Module allows users to connect a compatible third-party automation device to the Concord Ultra panel.

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).

Features

- 2 partitions
- 8 built-in hardwire zones; included transceiver supports up to 96 wireless zones
- 2 onboard programmable outputs
- 2- and 4-wire smoke detector compatibility
- Panel auxiliary power provides 1.35 A (with 50 VA transformer)
- SuperBus 2000 compatibility (16 total devices)
- 230 user-programmable access codes with authority levels
- Latchkey numeric paging
- Complies with SIA False Alarm Reduction standard
- 250-event history buffer
- Keyswitch arming using a hardwire or wireless zone
- Programmable from on-site alphanumeric touchpads or off-site using ToolBox software

Concord Ultra
long-range performance in one package

Specifications

Power supply
- Transformer: Class II, 24 VAC, 50 VA, 60 Hz
- Backup battery: 12 VDC, 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 max. hardwire or wireless zones; 8 hardwire zones built in
- Databus format: SuperBus 2000 with auto-enrolling capability
- Databus capacity: Up to 16 devices

Outputs
- Output 1 (OUT1/OC): Open collector, 200 mA max.
- Output 2 (OUT2/OC): Open collector, 200 mA max.
- Aux. power output: Regulated, current limited, self-resetting 12 VDC: 1.35 A (50 VA transformer)

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): 18.0 × 12.0 × 3.0 in. (457 × 305 × 76 mm)
- Weight: 8.0 lbs., 10 oz. (3.9 kg) without battery
- Construction: 0.038 in. 20 gauge steel, punched and formed
- Lock set: Included
- Color: Beige
- Installation: Wall mount

Regulatory
- FCC Parts 15 and 68
- UL 985, UL 1023, UL 1635
- CUL (ULC-S309; ULC-S545-M89)
- CSFM
- SIA CP-01 2000

Ordering information

Concord Ultra

60-960-95	Concord Ultra panel

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
60-770	SuperBus 2000 4 output module
60-774	SuperBus 2000 8Z input module
60-783-02	SuperBus 2000 automation module
60-821-95	SuperBus 2000 commercial transceiver module (compatable with crystal sensors and touchpads)
60-850/60-850-01	SuperBus 2000 cellular backup module
60-861	SuperBus 2000 wireless gateway module
60-764-01-95R-16Z	SuperBus 2000 RF receiver
60-764-01-95R-32Z	SuperBus 2000 RF receiver
60-764-01-95R-MAX	SuperBus 2000 RF receiver

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