



Concord Ultra

Dazzling Long-Range Performance
in a Total Package

Overview

Concord™ Ultra is a full-featured security system that uses advanced technology for burglary and fire detection and complies with SIA CP-01 False Alarm Standards. Concord Ultra 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 two partitions, up to 96 zones and an open-air range of better than 2300 feet, the Concord Ultra can handle big or small residential security needs.

High Standards

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, saving time and money.

Easy Expansion

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 your customers control heating and air conditioning. The Wireless Gateway Module allows users to control and monitor the status of their system 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.

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; Built-In Transceiver supports up to 96 wireless zones
- 2 onboard programmable outputs
- Compatible with all crystal Learn Mode sensors
- 2 and 4-wire smoke detector compatibility
- Panel auxiliary power provides 1.35A (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
- SIA CP-01 False Alarm Reduction Standard Compliant
- 250-event history buffer that can be viewed 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 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

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Ordering Information

Main Product Offering	Part Number
Concord Ultra Panel	60-960-95

Expansion Options	Part Number
8Z Hardwire Input SnapCard	60-757
Combo Input/Output SnapCard	60-756
4 Output SnapCard	60-758
SuperBus 2000 RF Transceiver Module (crystal only)	60-821-95
SuperBus 2000 8Z Input Module	60-774
SuperBus 2000 4 Output Module	60-770
SuperBus 2000 Energy Saver Module (ESM)	60-620-01
SuperBus 2000 Wireless Gateway Module	60-861
SuperBus 2000 RS-232 Automation Module	60-783-02
SuperBus 2000 Cellular Backup Module	60-850

Touchpad Options	Part Number
4 Button Crystal Keychain Touchpad	60-606-319.5
HiTech Handheld Touchpad	60-597-95
SuperBus 2000 Fixed Display Liquid Crystal Display Touchpad	60-820
SuperBus 2000 2x16 and 2x20 Liquid Crystal Display Alphanumeric Touchpads	60-746-01, 60-803-04
SuperBus 2000 2x20 Vacuum Fluorescent Display Alphanumeric Touchpad	60-804-04
ATP1000 Alphanumeric Touchpad	60-983

* SAW transmitters require the use of a SuperBus Receiver Module (60-764-01-95R-16Z, 32Z or MAX).

Specifications

Power Supply

- Required 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 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: 1.35A (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 in. (31 cm) wide x 18.0 in. (46 cm) high x 3.0" (8 cm) deep
- Chassis Material: .038-in (1 mm) 20 gauge steel, punched and formed
- Weight: 8 lbs. 10 oz. (3.9 kg)
- Installation: Wall mounting
- Color: Beige
- Lock Set: Included

Approvals/Listings

- FCC: Parts 15 and 68
- UL: Household Fire Warning System Unit (UL985)
Household Burglar Alarm System Unit (UL1023)
Digital Alarm Communicator System (UL 1635)
- CUL: Residential Burglary Alarm System Unit (ULC-S309)
Residential Fire Warning System Control Unit (ULC-S545-M89)
- CSFM: Household Fire Warning System (applied for)
- SIA: UL Listed/SIA CP-01 2000 False Alarm Prevention



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