Concord 4
Powerful, expandable security with Learn Mode technology

OVERVIEW

Concord™ 4 is a full-featured security system for residential and commercial intrusion as well as residential 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 two-wire smoke detector loop that can handle up to 20 detectors. A built-in RF receiver with 96-zone capacity (600-1021-95R only) provides instant compatibility with the complete line of Interlogix 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. With the addition of a Z-Wave® enabled Cellular Module, with service from Alarm.com®, control of automated lights, door locks, thermostats and more is available using almost any Web enabled device.

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

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).

STANDARD FEATURES

- 6 partitions and 8 built-in hardwire zones—96 zones maximum as either hardwire, wireless, or combination
- 96 wireless zones standard onboard (600-1021-95R only)
- 2 onboard programmable outputs
- Compatible with all Interlogix 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

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
- Programmable macro keys simplify user interaction with single-button system commands
- Time and status displayed on all touchpads
- 16 schedules available for scheduled lighting and outputs
### Specifications

**Power supply**
- Required transformer: Class II, 16.5 VAC, 40 VA, 60 Hz
- Backup battery: 12VDC, 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. @ 12VDC

**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 (600-1021-95R only)
- Databus format: SuperBus 2000 with auto-enrolling capability
- Databus capacity: Up to 16 devices

**Outputs**
- OUT1+/12V (output 1): 12VDC, 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 12VDC: 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 lbs., 10 oz. (2.5 kg)
- Chassis material: 0.048-in. (1.2 mm) 16-gauge steel, punched and formed
- Color: Beige

**Regulatory**
- FCC Parts 15 and 68
- UL 985, UL 1023, UL 1635
- UL 1610 (600-1040 panel only), 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 (does not include 96-zone wireless receiver)

**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
- 60-777-01: SuperBus 2000 phone interface and voice module
- 60-821-95: SuperBus 2000 commercial transceiver module (compatible with crystal sensors and touchpads)
- 60-1053-3: SuperBus 2000 GSM module (2.5G)
- 60-1053-4: SuperBus 2000 GSM (3G) or CDMA module
- 60-1019: SuperBus 2000 2.0 A power supply module
- 60-1025-01-95R: SuperBus 2000 transceiver module

**Touchpad options**
- 60-697-95: HiTech handheld touchpad
- 60-1064-95R: Micro key fob, 4-button SAW
- 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
- 60-983: ATP1000 alphanumeric touchpad
- 60-985/60-984: ATP2100 and ATP2600 alphanumeric touchpads
- 60-1020: F1P1000 fixed English 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

Specifications subject to change without notice.

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