

# 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

# Concord 4

North America  
T 855-286-8889

Asia  
T 852-2907-8108

Australia  
T 61-3-9239-1200

Europe  
T 32-2-725-11-20

Latin America  
T 561-998-6114

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## 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 lb., 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)
600-1053-3	SuperBus 2000 GSM module (2.5G)
600-1053-4	SuperBus 2000 GSM (3G) or CDMA 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
600-1064-95R	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
60-820	SuperBus 2000 fixed display LCD touchpad
60-983	ATP1000 alphanumeric touchpad
60-985/60-984	ATP2100 and ATP2600 alphanumeric touchpads
600-1020	FTP1000 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



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