Concord®
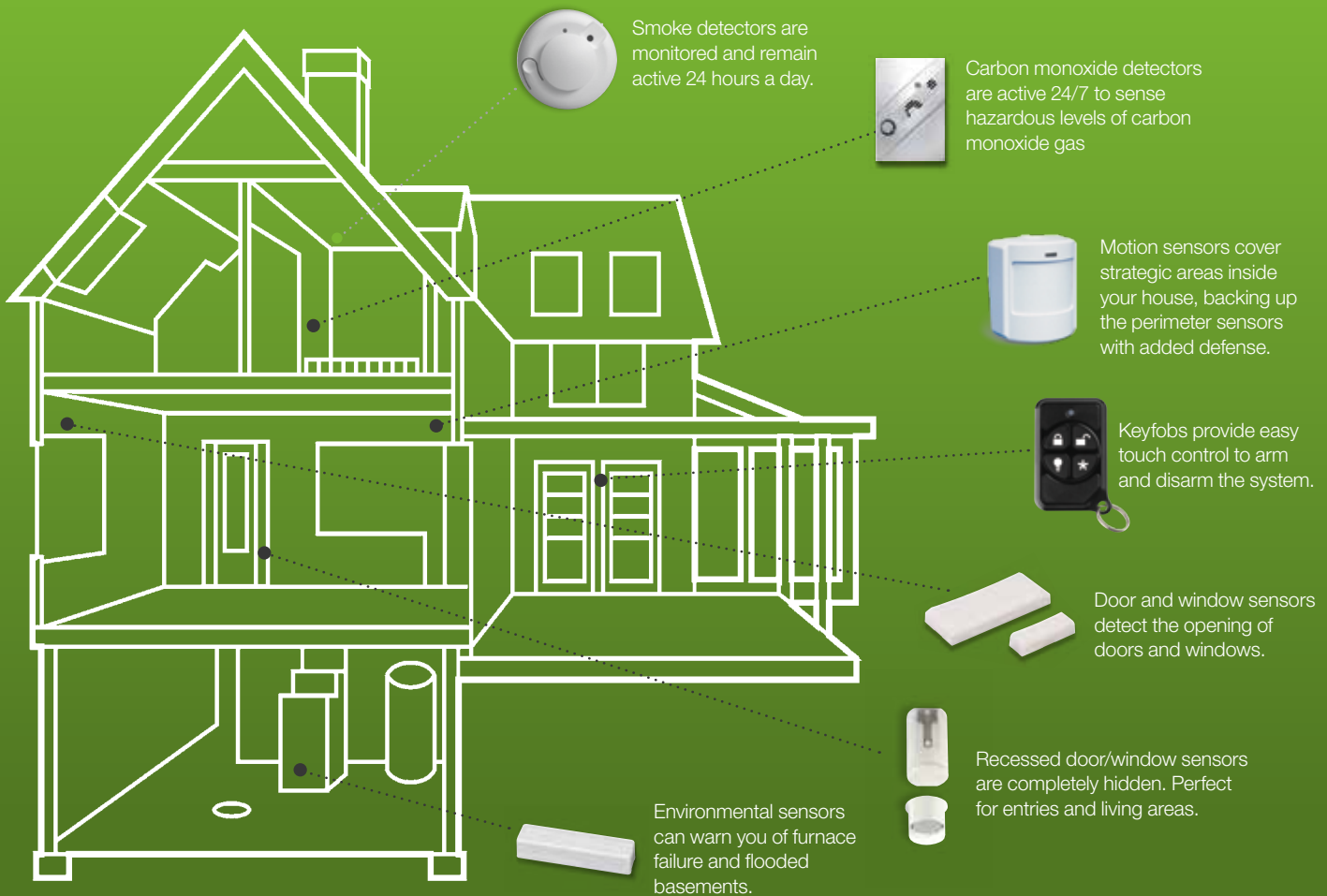
Protection for everything
you've worked so hard to build.

Concord® security systems to safeguard your family and home.

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Smoke detectors are monitored and remain active 24 hours a day.

Carbon monoxide detectors are active 24/7 to sense hazardous levels of carbon monoxide gas

Motion sensors cover strategic areas inside your house, backing up the perimeter sensors with added defense.

Keyfobs provide easy touch control to arm and disarm the system.

Door and window sensors detect the opening of doors and windows.

Recessed door/window sensors are completely hidden. Perfect for entries and living areas.

Environmental sensors can warn you of furnace failure and flooded basements.

Putting the right system together for you.

The Concord® system allows you to enjoy comprehensive security that's just right for your situation. You can also integrate other systems including energy management, lighting and audio/video control. Tailor your system by choosing from a variety of available options and features to meet your precise security needs:

Notice of security events can be sent to you via pager; notice via cell phone and email is available for Concord 4 through Alarm.com services

Motion sensors provide a second line of defense, detecting the body heat of an intruder. Sensors can be adjusted to allow pets to move freely without activating an alarm

Door and window sensors can protect every access point to your home, including shock sensors that detect shattering glass and splintered wood. Recessed sensors are completely hidden and ideal for entries and living rooms

Simple keychain operation allows you to arm/disarm the system with the touch of a button, no codes required

Portable panic buttons make it easy to summon help in an emergency

Smoke and heat detectors are monitored and remain active 24-hours a day

Environmental sensors warn you of furnace failure or if a basement is flooded

Carbon monoxide detectors alert when dangerous levels of carbon monoxide gas are present

Concord security systems monitor your home 24 hours a day, providing you with immediate notification of a security threat. When a sensor detects an emergency, the signal automatically goes to the central monitoring station and the proper authorities are immediately dispatched to your home.

Concord 4

Concord® 4 provides residential and commercial environments with full-featured security. Concord 4 offers 96 hard-wired zones, wireless zones or combination of both. Flexibility continues with convenient features such as a wireless keychain touchpad to arm or disarm the system, optional lighting controls and a special latchkey function for working parents that pages when a child arrives safely at home. The wireless GSM gateway module allows you to monitor your home or office building status from a smartphone app or from the Alarm.com web site.

Concord Express

Concord Express provides integrated security that can be set up as a hard-wired or wireless system perfect for retrofit environments. Concord Express installs easily and provides up to 24 zones of burglary and fire protection for a comprehensive and affordable security option.

Concord 4		Concord Express
96 standard	Number of Zones	6 standard, expandable to 6 hard-wired, 16 wireless zones*
✓	Smoke detector compatibility	✓
✓	Hard-wired and wireless capability	✓
✓	Chime when door is opened	✓
✓	Wireless remote keychain arming/disarming	✓
✓	Integration to third party automation systems	
✓	Compliant with CP01 false alarm reduction standards	✓
✓	GSM cellular communications (no phone line necessary)	✓
✓	Latch key reporting**	✓
✓	Alarm.com Interactive Services Web browser based/cell phone system interaction—management, command, control, configuration, reporting & event driven notification	

*Expandable 8 hard-wired with optimal input board.
**With use of a third party device.

Keypads

Concord® security systems offer numerous keypad options to match the functions you need and the preferences best suited for your situation. The keypad allows you to turn the security system on or off by entering a simple numeric code. Designed with functionality in mind, these keypads complement virtually any décor and feature easy-to-read information displays. Dedicated emergency keys can be programmed so that Fire, Police or EMS can be contacted at the touch of a button.

Concord system keypads display clear indicators and messaging to give you complete system information and status.

Sensors and Peripherals

A full line of intrusion protection solutions is complemented by a large selection of sensor and peripheral components that can enhance your home's security. Wireless and hard-wired sensors are compatible with all products, including the new slim-profile DesignLine sensors. These added security elements represent our commitment to comprehensive security and protection:

Door/window sensors

Motion detectors

Magnetic contacts

Wireless smoke and carbon monoxide detectors

Keypads and keyfobs

Glassbreak and shock sensors

Cellular-based communication modules

Minimal drilling. Maximum security.

Featuring wireless components that make it well suited for homes that aren't newly constructed, Concord® offers powerful, expandable security that is easy to install because less drilling is required for a wireless system. With Learn Mode technology and a modular design, Concord provides outstanding flexibility in a full-featured security system for intrusion, fire detection, carbon monoxide detection, temperature extremes and medical emergencies. Concord's standard peripheral options come pre-installed and tested, so the system is ready to go right out of the box. For small to large retrofit applications, Concord is the ideal solution.

Customized security to meet your individual needs.

Ideal security means meeting your specific security demands effectively and efficiently. In addition to addressing your current needs, Concord® systems are designed to accommodate a changing environment. This built-in flexibility allows you to easily add or modify security components so that you're assured optimum security now and in the future.

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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

Powerful, expandable security
with Learn Mode technology

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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