

Concord Express

Powerful, expandable security featuring encrypted Learn Mode technology

OVERVIEW

Concord® Express delivers integrated hardwire/wireless security, providing up to 24 zones of burglary and fire protection. For residential customers—both retrofit and new construction—Concord Express is a valuable and affordable security choice. Its modular design provides flexibility for creating system solutions that customers want. Concord Express is easy to install, simple to use, and complies with SIA False Alarm Standards.

The Concord Express panel comes standard with six 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 radio receiver with 16 wireless zones allows for easy and inexpensive addition of any Learn Mode sensors, remote keychain touchpads and wireless panics, providing installation flexibility to meet the needs of users and installers. Encrypted Learn Mode technology secures every keychain touchpad transmission.

Two built-in outputs can be programmed to activate external devices during an alarm or other system events.

Adding a SnapCard™ expands system hardwire zone inputs and outputs. The 8Z input SnapCard provides six regular hardwire zones and two 2-wire smoke loops. The 4Z/2 output SnapCard adds three regular hardwire inputs, one 2-wire smoke loop input, and two programmable relay outputs. The 4 output SnapCard adds four programmable relay outputs. Each card (one per panel) connects easily to the panel circuit board inside the cabinet for a clutter-free, professional installation. Expand the system further by adding a SuperBus 2000 8Z input module for eight additional zones per module.

With 16 user-programmable access codes, residential customers can grant access privileges to several users. Numeric paging provides users with system status and latchkey notification.

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 Interlogix Enterprise downloader software.



STANDARD FEATURES

- 22 zones—six onboard hardwire inputs and 16 wireless zones
- 2- and 4-wire smoke detector compatibility
- 2 onboard programmable outputs
- Compatible with all Learn Mode sensors and Encrypted Learn Mode keychain touchpads
- Panel auxiliary power provides 750mA (continuous)
- 16 user-programmable access codes
- Latchkey numeric paging
- SIA False Alarm Reduction standard
- 50-event history buffer
- Keyswitch arming using a hardwire or wireless zone
- Programmable from on-site alphanumeric touchpads or offsite using Enterprise software

Concord Express

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

Transformer	Class II, 16.5VAC, 25VA, 60 Hz
Backup battery	12VDC, 4Ah 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 12VDC

Communication formats

Dialing	DTMF or pulse with integrated line seizure relay
Formats supported	SIA Digital II (300 bps) or Contact ID
Capabilities	2 central station phone numbers and 3 pager phone numbers

Inputs

Input zones	24 max., 22 built-in; 6 hardwire zone inputs and 16 wireless zones
Databus format	SuperBus 2000 with auto-enrolling capability
Databus capacity	Up to 4 devices

Outputs

Output 1 (OUT1/+12V)	12VDC, 1.25A (max. during alarm)
Output 2 (OUT2/OC)	Open collector, 200mA max.
Auxiliary power output	Regulated, current limited, self-resetting 12VDC, 750mA continuous

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)	11.0 x 9.0 x 3.0 in. (280 x 229 x 76 mm)
Weight	5.0 lbs. (2.27 kg) without battery
Construction	0.038 in. (0.97 mm) 20-gauge steel, punched and formed
Lock set	Optional
Color	Gray
Installation	Wall mount

Regulatory

	FCC Parts 15 and 68
	UL 985, UL 1023, UL 1635
	cUL
	CSFM
	SIA CP-01 2000 False Alarm Prevention

Ordering Information

Concord Express panel

60-806-95R-16Z	Concord® Express Control Panel
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Expansion options

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

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	ATP-1000 Alphanumeric Touchpad
60-985/60-984	ATP-2100 and ATP-2600 Alphanumeric Touchpads
600-1020	FTP-1000 Fixed English Touchpad

Transformer options

60-822	16.5V, 25VA Standard Transformer, UL Listed for U.S. Applications
60-822-CN	16.5V, 25VA Standard Transformer, cUL/CSA Listed for Canadian Applications



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Specifications subject to change without notice.

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