

# 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

|                       |                                |
|-----------------------|--------------------------------|
| <b>60-806-95R-16Z</b> | Concord® Express Control Panel |
|-----------------------|--------------------------------|

### Expansion options

|               |                               |
|---------------|-------------------------------|
| <b>60-756</b> | Combo Input/Output SnapCard™  |
| <b>60-757</b> | 8Z Hardwire Input SnapCard    |
| <b>60-758</b> | 4-output SnapCard             |
| <b>60-770</b> | SuperBus 2000 4-output Module |
| <b>60-774</b> | SuperBus 2000 8Z Input Module |

### Touchpad options

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| <b>60-597-95</b>           | HiTech Handheld Touchpad                                            |
| <b>600-1064-95R</b>        | Micro Key Fob, 4-button SAW                                         |
| <b>60-746-01/60-803-04</b> | SuperBus 2000 2x16 and 2x20 LCD Alphanumeric Touchpads              |
| <b>60-804-04</b>           | SuperBus 2000 2x20 Vacuum Fluorescent Display Alphanumeric Touchpad |
| <b>60-820</b>              | SuperBus 2000 Fixed Display LCD Touchpad                            |
| <b>60-983</b>              | ATP-1000 Alphanumeric Touchpad                                      |
| <b>60-985/60-984</b>       | ATP-2100 and ATP-2600 Alphanumeric Touchpads                        |
| <b>600-1020</b>            | FTP-1000 Fixed English Touchpad                                     |

### Transformer options

|                  |                                                                            |
|------------------|----------------------------------------------------------------------------|
| <b>60-822</b>    | 16.5V, 25VA Standard Transformer, UL Listed for U.S. Applications          |
| <b>60-822-CN</b> | 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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