



Security System Control Panel

ITI Part No.: 60-806-95

*Powerful,
Expandable Security
Featuring Encrypted
Learn Mode
Technology*

ELM Technology

Overview

Concord Express delivers integrated hardware/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.

High Standards

Standard configuration of Concord Express includes 6 hardwire zone inputs, one built-in radio receiver with 8 wireless zones, and 2 programmable outputs. One of the hardwire zones can be set up as a 2-wire smoke detector loop for up to 10 detectors. The 8 integrated wireless zones allow for easy and inexpensive addition of remote keychain touchpads and wireless panics. Integrated wireless provides installation flexibility to meet the needs of your customers and your installers. The built-in outputs can be programmed to activate external devices during an alarm or other system events.

Standard Features

- 14 standard zones—6 onboard hardwire zone inputs and 8 wireless zones
- 2- and 4- wire smoke detector compatibility
- 2 onboard programmable outputs
- Compatible with all ITI crystal and SAW Learn Mode sensors
- Compatible with ELM (Encrypted Learn Mode) Keychain Touchpads
- Panel auxiliary power provides 750 mA (continuous)
- 12 VDC, 1.25 A alarm output
- 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 off-site using ITI ToolBox.
- Time and 24-zone status displayed on the Fixed english LCD touchpad

Expansion Options

- 24 zone maximum achieved through additional input devices:
 - SnapCards: 8Z Hardwire Input SnapCard adds 6 regular hardwire inputs and (2) two-wire smoke loops; 4Z/2 Output SnapCard adds 4 inputs
 - Touchpads: one regular hardwire input added per SuperBus 2000 2x20 LCD/VFD Touchpad

Touchpad Options

- SuperBus 2000 Fixed English Liquid Crystal Display Touchpad
- SuperBus 2000 2x16 Liquid Crystal Display Alphanumeric Touchpad
- SuperBus 2000 2x20 Liquid Crystal Display Alphanumeric Touchpad
- SuperBus 2000 2x20 Vacuum Fluorescent Display Alphanumeric Touchpad
- Crystal and SAW Keychain Touchpads
- Encrypted Learn Mode Keychain Touchpad
- HiTech Handheld Touchpad

Encrypted Learn Mode technology secures every keychain touchpad transmission.

Easy Expansion

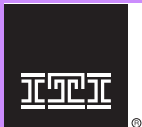
SnapCards™ add to the system's hardwire zone input and output capabilities. The 8Z Hardwire Input SnapCard provides 6 regular hardwire zones and 2 two-wire smoke loops. The 4Z/2 Output SnapCard adds 4 regular hardwire inputs and 2 programmable output relays. Each card (one per panel) connects easily to the panel circuit board inside the cabinet for a clutter-free, professional installation.

Advanced Features

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.

Effortless Programming

Conduct quick and easy on-site programming with alphanumeric touchpads and a menu-driven text interface with shortcut menu numbers. Or, for off-site programming, use ITI ToolBox® downloader software (Ver. 4.2).



Concord Express

Technical Specification Sheet

Concord Family Literature

Product Catalog
ITI Part No.: 466-1242-CON

Dealer Price List
ITI Part No.: 466-1289-01-CON

Main Product Offering

Concord Express Panel
ITI Part No.: 60-806-95

Fixed English LCD Touchpad
ITI Part No.: 60-820

Specifications

Power Supply

| | |
|---------------------------|---|
| Required Transformer | Class II, 16.5 VAC, 25 VA, 60 Hz |
| Backup Battery | 12 VDC, 4 Ah, 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 Aux. Voltage Output | Current-limited |

Communication Formats

| | |
|-------------------|---|
| Dialing | DTMF or pulse with integrated line seizure relay |
| Formats Supported | SIA Digital II (110 or 300 bps) or Contact ID |
| Capabilities | 2 central station phone numbers and 3 pager phone numbers |

Inputs

| | |
|------------------|--|
| Input Zones | 24 maximum, 14 standard—6 hardwire zone inputs, 8 wireless zones |
| Databus Format | SuperBus 2000 with auto-enrolling capability |
| Databus Capacity | Up to 4 devices |

Outputs

| | |
|------------------------|--|
| OUT1/+12V (Output 1) | 12 VDC, 1.25 A (maximum during alarm) |
| OUT2/OC (Output 2) | open-collector, 200 mA (maximum) |
| Auxiliary Power Output | Regulated, current limited, self-resetting 12 VDC: 750 mA continuous |

Environmental

| | |
|-----------------------|--------------------------------------|
| Operating Temperature | 40°F (4°C) to 100°F (38°C) |
| Maximum Humidity | 70% relative humidity, noncondensing |
| Standards | FCC Part 15, FCC Part 68 |

Physical Description

| | |
|------------------|---|
| Color | Belgian Gray |
| Dimensions | 9.0" (23 cm) wide x 11.0" (28 cm) high x 3.0" (8 cm) deep |
| Weight | 5 lbs. (1.87 kg) |
| Installation | Wall mounting |
| Chassis Material | .038-in (.97 mm) 20-gauge steel, punched and formed |
| Lock Set | Optional |

Approvals (Pending)

| | |
|---------|--|
| UL | Household Fire Warning System (UL 985) Household Burglary Alarm System Unit (UL 1023) |
| ULC-CSA | Residential Burglary Alarm System Unit (ULC-S309) Residential Fire Warning System Control Unit (ULC-S545-M89) |
| CSFM | Household Fire Warning System |

False Alarm Prevention

| | |
|------------------|--|
| Exit Extension | Re-starts the exit delay timer for re-entry through an exit/entry delay door. |
| Swinger Limit | Bypasses false alarming devices. |
| Recent Closing | Burglary alarms occurring within 2 minutes of an exit delay are reported as a recent closing. |
| Code Only Disarm | The user can disarm an alarm with only their code. |
| Quick Exit | Permits one open/close sequence or event through standard exit/entry door after the system is armed. |

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(Specification sheets available in quantities of fifty)

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