



## Security System Control Panel

ITI Part No.: 60-734-01  
(Hybrid Panel)  
60-792-01-95R  
(Integrated Panel)

**Powerful,  
Expandable Security  
Featuring Encrypted  
Learn Mode  
Technology**

**ELM Technology**

### Overview

Concord with software version 2.0 and later is a full-featured security system that uses advanced technology for burglary and fire detection. Available in both hybrid and RF integrated versions, Concord is a dependable security system that is both easy to install and simple to use. Modular design and advanced software provide outstanding system flexibility to meet the needs of virtually any customer. With 2 partitions and up to 76 zones, Concord can handle big or small residential security needs.

### High Standards

The panel comes standard with 8 hardwire zone inputs, of which one can be set up as a 2-wire smoke detector loop that can handle up to 10 detectors. Two programmable output points can be set up to activate external devices during an alarm or other system event. SnapCards™ add to system zone input and output point capabilities. Each card (one per panel) connects easily to the panel circuit board inside the cabinet for a clutter-free, professional installation.

### Standard Features

- √ 2 partitions
- √ Hybrid panels have 8 built-in zones, Integrated panels have an additional 16 or 32 built-in wireless zones
- √ 2 onboard programmable outputs
- √ Compatible with all ITI crystal and SAW Learn Mode sensors
- √ 2- and 4-wire smoke detector compatibility
- √ Panel auxiliary power provides 1A (with 30 VA transformer), 2A (with 50 VA transformer)
- √ Built-in 12-watt siren driver
- √ SuperBus 2000 compatibility (supports a total of 16 devices)
- √ 60 user-programmable access codes with programmable authority levels
- √ Latchkey numeric paging with optional keychain touchpad activation
- √ 100-event history buffer
- √ Keyswitch arming using a hardwire or wireless zone
- √ Programmable on-site using alphanumeric touchpads or off-site using ITI ToolBox
- √ Time and 76-zone status displayed on the Fixed Display touchpad
- √ 76-zone maximum achieved through additional input devices
- √ 16-schedules available for scheduled lighting and outputs

### Expansion Options

- √ SnapCards: 8Z Hardwire Input SnapCard adds 6 regular hardwire inputs and 2 two-wire smoke loops, 4Z/2 Output SnapCard adds 3 regular inputs, 1 two-wire smoke loop input, and 2 Form C contact relays
- √ SuperBus 2000 Devices: 8Z Input Module, 4-Relay Output Module, Energy Saver Module, Phone Interface and Voice Module, RF Receivers
- √ X-10 Power Line Carrier Card

### Touchpad Options

- √ SuperBus 2000 Fixed Display Liquid Crystal Display Touchpad
- √ SuperBus 2000 2x16 and 2x20 Liquid Crystal Display Alphanumeric Touchpads
- √ SuperBus 2000 2x20 Vacuum Fluorescent Display Alphanumeric Touchpad
- √ Crystal, SAW, and Encrypted Learn Mode (ELM) Keychain Touchpads
- √ HiTech Handheld Touchpad

### Easy Expansion

Expand Concord's capabilities by adding optional SuperBus® 2000 8Z Input Modules for eight additional zones per module, or optional SuperBus 2000 4-Relay Output Modules to add four more output points. For instant compatibility with ITI's complete line of patented wireless Learn Mode™ sensors and touchpads, add up to four SuperBus 2000 RF Receivers available in 16-, 32-, and 76-zone (panel maximum) configurations.

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. The Power Line Carrier card adds X-10 light control and Supervised Wireless Siren operation.

### 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 (version 5.1 and later).

## 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 Panel  
ITI Part No.: 60-734-01

2x16 LCD Alphanumeric Touchpad  
ITI Part No.: 60-746-01

## Specifications

### Power Supply

Required Transformer	Class II, 24 VAC, 30 or 50 VA, 60 Hz
Backup Battery	12 VDC, 4 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 Aux. Voltage Output	Current-limited 12 VDC

### Communication Formats

Dialing	DTMF or pulse with integrated line seizure relay
Formats Supported	SIA Digital II (110 or 300 bps) or Contact ID
Capabilities	3 central station phone numbers and 5 pager phone numbers

### Inputs

Input Zones	76 maximum, 8—built-in
Databus Format	SuperBus 2000 with auto-enrolling capability
Databus Capacity	Up to 16 devices

### Outputs

OUT1/OC (Output 1)	open-collector, 200 mA (maximum)
OUT2/OC (Output 2)	open-collector, 200 mA (maximum)
Auxiliary Power Output	Regulated, current limited, self-resetting 12 VDC: 1A (30 VA transformer) or 2A (50 VA transformer)

### Environmental

Operating Temperature	32°F (0°C) to 120°F (49°C)
Maximum Humidity	90% relative humidity, noncondensing
Standards	FCC Part 15, FCC Part 68

### Physical Description

Color	Gray
Dimensions	12.0" (31 cm) wide x 12.0" (31 cm) high x 3.0" (8 cm) deep
Weight	5 lbs. 10 oz. (2.5 kg)
Installation	Wall mounting
Chassis Material	.048-in (1.2 mm) 16-gauge steel, punched and formed
Lock Set	Optional

### Approvals

UL	Household Fire Warning System (UL 985) Household Burglary Alarm System Unit (UL 1023)
CUL (applied for)	Residential Burglary Alarm System Unit (ULC-S309) Residential Fire Warning System Control Unit (ULC-S545-M89)
CSFM (applied for)	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.

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(Specification sheets available in quantities of fifty)

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