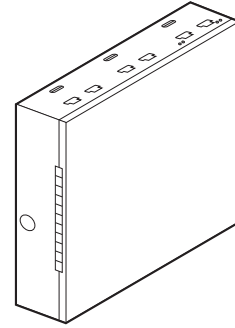


## Security System Control Panel

Interactive Technologies, Inc.



File: Panels

ITI Part # 60-734

### Overview

Concord is a full-featured, hardwire hybrid security system that uses advanced technology for burglary and fire detection, making Concord a dependable security system that is both easy to install and simple to use. Concord's modular design provides 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 and commercial security needs.

The panel comes standard with eight 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 built-in output points can be set up to activate external devices during an alarm or other system event. SnapCards™ add to the system's 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.

Expand Concord's capabilities by adding optional SuperBus™ Hardwire Input Modules for eight additional zones per module, or optional SuperBus Hardwire 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 RF Receivers available in 16- or 32-zone configurations.

Expand the system even further with a Phone Interface/Voice Module for on- and off-site system control using touch-tone phones, and a speaker output for on-site voice status and alarm messages. Digitized voice messages over phones and speakers inform users of the current status, reassuring them the system is operating correctly. The Power Line Carrier card adds X-10 light control and Supervised Wireless Siren operation.

A new menu-driven programming interface with shortcut menu numbers guides installers quickly and easily with access via alphanumeric touchpads to all configurable settings, or use ITI ToolBox® downloader software (version 4.0 and later).

### Features

- 2 partitions
- 76 individual zones—8 built-in and 68 more when optional SuperBus Hardwire Input Modules or SuperBus RF Receivers are added
- Compatibility with all ITI 319.5 (crystal or SAW) wireless Learn Mode sensors and HighTech Handheld Touchpad (with optional SuperBus RF Receiver installed)
- Built-in 12-watt siren driver
- 2-wire smoke detector compatibility
- Compatible with two low-cost touchpads: 8-zone LED and LCD 2x16 Alphanumeric
- 30 VA transformer provides 1 amp continuous power (2 amps with 50 VA transformer)
- 60 user-programmable access codes with programmable authority levels
- Latchkey numeric paging
- Up to 16 scheduled light events
- 100-event history buffer
- Hardwire Output Module compatibility
- Keyswitch arming using a hardwire or wireless zone
- On- and off-site telephone control with digitized-voice feedback (with optional Phone Interface/Voice Module installed)
- Light control and Supervised Wireless Siren support (with optional Power Line Carrier card installed)
- Interrogator® 200 compatibility for two-way voice listen-in/talk-back
- Premises temperature control (with optional Energy Saver Module installed)

## Power Supply

<b>Required Transformer</b>	Class II, 24 VAC, 30 VA or 50 VA, 60 Hz
<b>Backup Battery</b>	12 VDC, 4 Ah, or 7 Ah rechargeable, sealed, lead-acid
<b>Battery Backup Time</b>	24 hours (when fully charged, with appropriate external load)
<b>Battery Test</b>	15 minutes under load every 24 hours
<b>Fuse</b>	Non-replaceable transformer fuse; self-resetting, current-limited auxiliary voltage output

## Telephone/Modem

<b>Dialing</b>	DTMF or pulse
<b>Modem</b>	SIA Digital II (110 or 300 bps) or Contact ID
<b>Telephone Interface</b>	Line seizure relay

## Inputs/Outputs

<b>Total Input Zones</b>	76—8 built-in
<b>Auxiliary Power Outputs</b>	Regulated, current limited, fused 12 VDC: 1 amp maximum (with 30 VA transformer) 2 amps maximum (with 50 VA transformer)
<b>Hardwire Bus Devices</b>	Up to 16 devices
<b>Outputs</b>	2 open-collector, 200 mA (maximum)

## Microprocessor

<b>Processor Type</b>	Mitsubishi M30612 (16-bit RISC)
<b>Processor Clock</b>	9.8304 MHz
<b>System ROM</b>	64 K
<b>System RAM</b>	4 K
<b>Memory Retention</b>	Unlimited duration (8 K EEPROM)

## Digitized Voice (with optional PIV installed)

<b>Digitization Type</b>	Continuous Variable Slope Delta (CVSD)
<b>Playback Rate</b>	25,000 bits/second (varies by word)
<b>Vocabulary Size</b>	Over 220 words (approximately 120 seconds)

## Environmental

<b>Operating Temperature</b>	40°F (4°C) to 100°F (38°C)
<b>Maximum Humidity</b>	70% relative humidity, noncondensing
<b>Standards</b>	FCC Part 15, FCC Part 68 UL Listings 985, 1023, and 1610 pending

## Physical Description

<b>Color</b>	Gray
<b>Dimensions</b>	12.25" (31.2 mm) wide x 12.25" (31.2 cm) high x 3.0" (8.2 cm) deep
<b>Weight</b>	5 lbs, 10 oz. (2.5 kg)
<b>Installation</b>	Wall mounting
<b>Chassis Material</b>	.048-in (1.2-mm) 16-gauge steel, punched and formed

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Specifications are subject to change without notice.

### Ordering Information

ITI Part # 60-734

ITI Document # 466-1523 Rev. A  
(Spec Sheets available in quantities of fifty)

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