Advent Home Navigator Product Line Overview

Mark of Excellence

Home Automation & Networking Association

2001 AWARD WINNER

Advent Home Navigator
Named Best Network Subsystem

ITI

Advent has it under control

**Advent
Home Navigator
System**

*Protect the
Homestead.*

*Run the
Household.*

Advent® Home Navigator is an integrated security and control system for the most demanding residential applications. The system accepts ITI wireless sensors and standard hardwire sensors, and controls lights and appliances for comfort and convenience.

Tailored to Lifestyles
Extensive if/then logic and scheduling capabilities allow Home Navigator to be specifically tailored to the homeowner's lifestyle. If a cleaning or gardening staff needs access, create a schedule for their user code to work only on certain days and times. The scheduling function can also be used to create specific lighting scenarios and arming levels for specially created modes such as "Vacation" or "Workday."

Advanced Speech Capability
The advanced speech capability of Advent reassures the homeowner when the system is armed properly and provides an alert when it isn't. An extensive 800-plus word vocabulary communicates vital information clearly and effectively. It calls out the precise location and nature of any emergency so the homeowner knows exactly how to react.

Sophisticated Telephone Control
Advent's sophisticated telephone control makes it easy to monitor and control security from any touchtone phone–including your cellular phone-at home or anywhere in the world. Any Touch-Tone phone can also serve as a panic button in an emergency.

Staying in Contact
Home Navigator can contact the homeowner via alphanumeric pager or cellular phone anytime there's an alarm. This feature is also ideal for working parents. They can be notified when children have arrived home safely and disarmed the system...and also if children have not arrived by a scheduled time.

Comprehensive Standard Features
Standard features such as 4 or 8 partitions, 100 or 250 user codes and 256 X10 device capability make this a complete security system.

Voice prompts and a built-in help function reassure the end-user of proper system operation and make Home Navigator easy to set up and change.

Home Automation
A powerful home control system by itself, Home Navigator's 2-way serial automation interface module make it interoperable with Crestron and other home automation systems.

According to Home Automation Association forecasts, the market for home automation sales will average 29% growth per year through 2005.

Designed to meet market demand for integrated control of home automation, Advent Home Navigator allows dealers to take advantage of the industry's enormous growth potential.

ITI

Advent Home Navigator
Control Panels

Advent Home Navigator

Zones
- Choice of panels: 132 or 250 zones
- 8 standard hardwire zones, expandable with SnapCards™ or Input/Output Modules

Hardwire Expansion
- Expandable with the 8-Zone Input SnapCard, the 4-Zone Output SnapCard and the Combo Input/Output SnapCard
- Expandable with the SuperBus® 2000 8 Zone Input Module and the 4 Relay Output Module

Touchpads
- Two hardwire SuperBus 2000 Alphanumeric Touchpads are available, with liquid crystal or vacuum fluorescent displays (LCD or VFD).
- Also available are 2- and 4-Button Keychain Touchpads and HiTech Hand Held and Wall Mount Wireless Touchpads.

Markets
- Custom installations
- Large applications
- New construction

Approvals
- UL 985: Household Fire Warning System Units
- UL 1023: Household Burglar Alarm System Units
- UL 1637: Home Health Care Signaling Equipment

Standard Features
- Powerful 25 MHz, 16 bit processor with over 1 megabyte of RAM
- 4 partitions/8 partitions
- 100 user codes/250 user codes
- Up to 256 X10 devices
- Up to 32 event schedules per partition for lighting and arming
- User code validation by schedule
- True alphanumeric paging for latchkey and other functions
- Built-in Help function for user operation
- Network Buddy™ system
- Over 800-word vocabulary for voice and display
- Relay output programming
- Over 3 megabytes of flash memory, allowing downloadable upgrades
- Up to 62 bus devices
- 2,048 event buffer
- Supervised power
- LORRA header
- Seamless integration with Creston home automation system
- 25-watt voice status reports
- Extensive if/then programming
- On- and off-site telephone control with digitized voice feedback
- Individual light control
- Programmable from on-site alphanumeric touchpads or off-site using Advent Downloader software
- 2- and 4-wire smoke compatible
- Attack-proof metal enclosure
- Compatible with ITI's Learn Mode™ wireless sensors
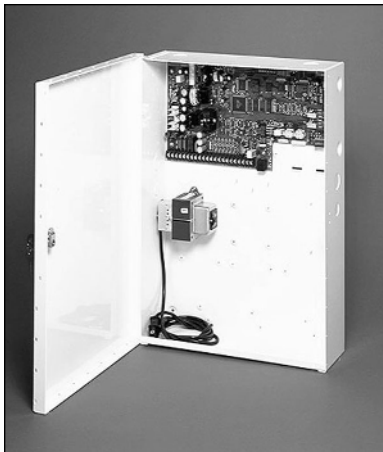
User–Oriented Features

4 partitions (8 partitions in 250 zone model)	• Partitions can act as high-security independent systems, or as a global system divided into individual areas, such as in guest homes or apartments
Schedules	• 32 weekly or one-time channel schedules per partition • Multiple schedules can be established for a busy household • User validation by schedule
Access code levels determined by user	• Designate one of 8 appropriate access code authority levels for each system user, or create a global access code
Voice and built-in help function	• The improved user interface provides ease of use • User can hear or read directions for system operation (synchronized voice and text)
4 arming levels with modifiers	• Flexible system operation
Light Control	• Up to 256 individual lights can be controlled via X10 • System provides event and scheduled activation • Can be turned on and off or dimmed using touchpad or telephone • System can turn lights on automatically during an intrusion or fire
Latchkey paging by user code and keychain touchpad	• Keychain touchpads can be designated as latchkey fobs (the lock button on the touchpad can initiate latchkey arming) • Provide children a keychain touchpad and enable code-free notification of latchkey events
800-plus word vocabulary	• Detailed zone descriptions allow user to pinpoint exact locations • Voice zone descriptors synchronize voice and display
Attack-resistant enclosure	• Creates peace of mind
Phone Control	• Monitor and control security from any phone, remotely or on-site • Turn lights or appliances on and off remotely

Dealer–Oriented Features

Automatic bus addressing	• Eliminates the need to manually set dip switches or enter the bus address on the keypad • Avoids bus address conflicts and helps prevent errors • Shortens installation time
Improved device polling	• Increases the overall communication rates on the bus, allowing more modules (up to 62) • Improves device response times
132 or 250 zones	• Fits virtually any size home
4 partitions/8 partitions	• Partitions can act as high-security independent systems, or as a global system divided into individual areas in common dwellings such as duplexes, triplexes or fourplexes. • Each partition can have its own touchpad, sensors, sirens, etc.
Wireless or hardwire capability	• Serves new installations or retrofits existing installations
Large event history	• 2048 event history buffer allows data to be viewed at a later time, uploaded or printed out. Time and date are stamped.
Plug-in Long Range Radio header (LORRA)	• Provides plug and go connectivity for AlarmNet or SafetyNet systems
Network Buddy System	• Provides fully supervised reporting to another Advent system in case of communication failure–provides redundancy • A neighbor's panel can be added to the network for increased security
Supervised power	• AC source and battery fully supervised and tested by panel at regular intervals
Flash memory	• No more chips or boards to pull to upgrade software • Download new operating system
Voice prompts	• Voice prompts when programming
Multiple levels of tamper protection	• Multiple levels of tamper protection–touchpad access, remote phone access, phone line, antenna and equipment/sensor tampering • Provides additional security benefits
Phone control	• Remotely program using a PC and Advent downloader software • Monitor and control security from any phone, remotely or on-site
SnapCards	• Easy expansion–cards snap in easily to panel

Comparison Chart

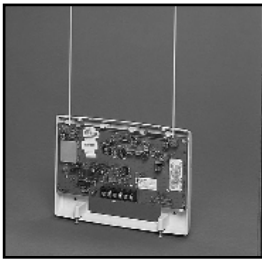|	Advent Home Navigator 132	Advent Home Navigator 250	Concord	UltraGard
Standard Hardwire Zones	8	8	8	6
Maximum Wireless Zones	132	132	76	76
Hardwire Expansion Zones	124	242	68	70
Partitions	4	8	2	1
User Codes	100	250	60	24
Number of Bus Devices	62	62	16	8
Word Vocabulary	800+ words	800+ words	220 words	41 words
Standard Outputs/ Max Outputs	6/112	6/124	2/64	2/32
Event Log	2048	2048	100	32
Backup Battery	12 V, 7 or 17 Ah	12 V, 7 or 17 Ah	12 V, 4 or 7 Ah	12 V, 4 or 7 Ah
Backup Battery Time	24 hrs	24 hrs	24 hrs	24 hrs
Phone Numbers	25	25	9	2
SuperBus 2000 Compatible	☆	☆	☆	☆
2 & 4 Wire Smoke Compatibility	☆	☆	☆	☆
Alphanumeric Paging	☆	☆		
Hot Plug Service Touchpads	☆	☆	☆	☆
Automatic Bus Addressing	☆	☆	☆	☆
Two-Way Voice	Interrogator PN 60-471	Interrogator PN 60-471	Interrogator 200 PN 60-677	Interrogator 200 PN 60-677
Crestron Compatible	☆	☆		
Phone Control	☆	☆	w/Phone Control & Voice Module	☆
Lighting or Appliance Control	☆	☆	w/Line Carrier Trans. and PLC Card	w/Line Carrier Transformer
SAW and Crystal Sensor Compatibility	Crystal Only	Crystal Only	SAW or Crystal	Crystal Only

Home Navigator Equipment

Advent Home Navigator

Operational Equipment
• Radio Transceiver Module
• Batteries and transformers
• SnapCards
• Input or Output Modules
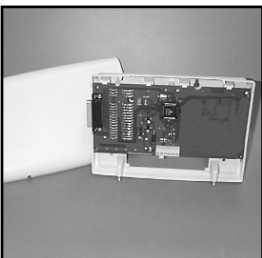• Hardwire touchpads
• Wireless touchpads

Optional Equipment
• Printer Module
• Dual Phone Line Module
• Voice Siren 25/70 Volt Converter Card
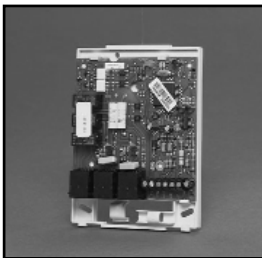• Interrogator® compatibility for two-way voice listen-in/talk-back to a Central Station

Radio Transceiver Module
• Adds wireless zone capability
• Up to 5 modules per panel
• 2500' open air range (plastic housing)
• 3500' open air range (metal housing)
• Can be located near panel or up to 4000' away
• Dual antennas provide spatial diversity
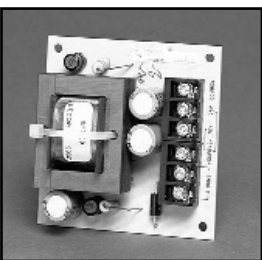• Compatible with all Learn Mode crystal sensors

Printer Module
• Allows connection of a parallel printer
• Prints out events as they occur
• SuperBus 2000 digital data bus technology provides fast and reliable data transfer
• Module also includes a UL 864 fire-rated zone input

Dual Phone Line Module
• Allows the panel to switch panel event and alarm reporting between two telephone lines
• If the primary line fails, the panel instructs the module to switch to the second line
• Monitoring available on both lines
• Tamper protection can be added

Voice Siren 25/70 Volt Converter Card
• Enables addition of 25 or 70 volt voice siren audio output
• Converts the panel's output to a 25 or 70 volt, 25 watt supervised audio output
• Card mounts inside panel enclosure and is powered from the panel voice siren signal

Advent Home Navigator System
P/N: 60-562-02 132 Zone
P/N: 60-562-05 250 Zone

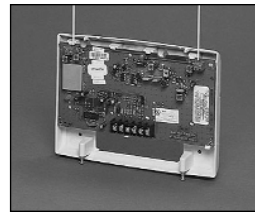## Hardwire Touchpads

SuperBus 2000
2x20 LCD
P/N: 60-803-01

SuperBus 2000
2x20 VFD
P/N: 60-804-01

Transceiver

Transceiver
P/N: 60-821-95

Transceiver
P/N: 60-821-95
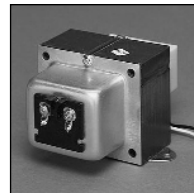"Closed View"

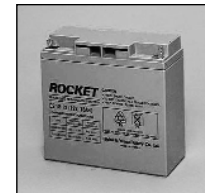## Wireless Touchpads

2-Button Keychain
Touchpad
P/N: 60-607-319.5

4-Button Keychain
Touchpad
P/N: 60-606-319.5

HiTech Hand Held
Touchpad
P/N: 60-597-95

HiTech Wall Mount
Touchpad
P/N: 60-453-10-95

Power

Class II
Transformer
P/N: 60-823
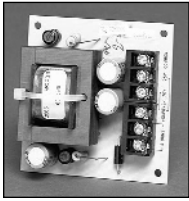

12 VDC 17.2 Ah
Backup Battery
P/N: 60-781

Class I
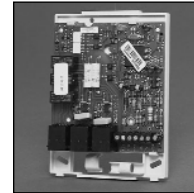Transformer
P/N: 60-830

12 VDC 7 Ah
Backup Battery
P/N: 60-680

Converter Cards

Voice/Siren 25/70V
Converter Card
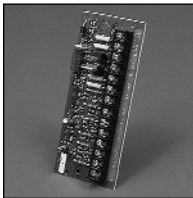P/N: 60-773

Communication Options
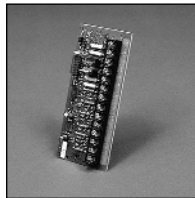

SuperBus 2000
Dual Phone Line
Module
P/N: 60-768

Interrogator
Two-Way Voice
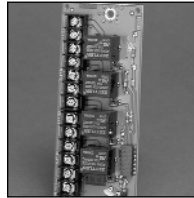P/N: 60-471

SnapCards

8Z Input Snap
Card
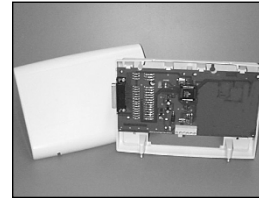P/N: 60-757

Combo Input/
Output SnapCard
P/N: 60-756

4 Zone Output
SnapCard
P/N: 60-758
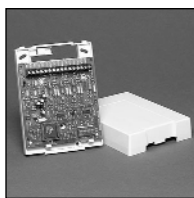
Printer Module

SuperBus 2000 Printer
Module
P/N: 60-783

Input/Output Modules

SuperBus 2000
4 Relay Output
Module
P/N: 60-770

SuperBus 2000
8 Zone Input
Module
P/N: 60-774

X10 Modules

X10 Lamp Module
P/N: 13-403

X10 Appliance
Module
P/N: 13-079

X10 Universal
Module
P/N: 13-399

Touchpads

**SuperBus 2000 2x20
Alphanumeric Touchpad**

SuperBus 2000 Touchpads
SuperBus touchpads provide complete on-site programming and operational control of the Advent system.

Alphanumeric Displays
The Alphanumeric Touchpads show a 2x20-character display (2 lines of text with 20 characters per line). The display, LCD or VFD, spells out in plain English whether the system is on or off and the level of protection it is armed to. The system has a large, 800-plus word vocabulary to communicate vital information clearly and allows you to program custom words to fit your customer's needs. Instead of giving a vague zone number, the display can show "POLICE ALARM, PAT'S BEDROOM WINDOW."

SuperBus 2000 Enhancements
SuperBus 2000 Alphanumeric Touchpads feature the enhanced ITI SuperBus standard. They automatically identify themselves to the control panel so the panel knows the touchpad type and capabilities. This eliminates the need for the installer to program device addresses and enables the panel to easily support a greater variety of peripheral modules. SuperBus 2000 also has better information throughput allowing peripheral devices to operate at faster speeds.

Adjustable Display and Volume
The buttons on the touchpad light up when pressed and stay on for 15 seconds after the last one is pressed. The user can control the brightness of the display and also change the volume of the status voice messages from the system.

Touchpad Features
- Built-in speaker to sound alarms, status sounds and button-press beeps.
- Panic buttons for police, fire, and auxiliary emergencies.
- Telephone touchpad format with backlit keys.
- Built-in Help feature

Keychain Touchpad

Keychain Touchpad
The unique ITI Keychain Touchpad gives your customers the power to arm and disarm their Advent system from outside their home or business. Instead of racing out the door to beat an exit delay, the user can leave the alarm system off, casually exit, and then press the arming button on the Keychain Touchpad. When the user returns, he or she can simply press the disarm button on the Keychain Touchpad to turn the alarm system off.

The convenient 4-Button Keychain Touchpad also allows remote light control, so the user never has to enter a dark house or building.

Features include—
- Recessed buttons to help prevent false alarms
- LED to confirm RF transmission
- Keychain ring

The Keychain Touchpad is available in—
- Crystal 2-Button Keychain Touchpad (no light control)
- Crystal 4-Button Keychain Touchpad

Sensors

Advent's flexible design makes it compatible with most hardwire sensors and ITI's patented Learn Mode sensors. Each Learn Mode sensor has its own factory programmed identification code that is "learned" by the control panel, eliminating programming errors in the field.

Burglary
To protect against intrusion, theft, and violence, hardwire sensors and ITI Learn Mode wireless sensors can be added to the Advent system.

Hardwire
- Surface Mount Magnetic Contact
- Mini-Surface Mount Magnetic Contact
- Rollerball Switch Contact
- Recessed Magnetic Contact
- Overhead Door Switch
- Glass Break Detector
- PIR/Microwave Motion Detector

Wireless
- Standard Door/Window Sensor
- Micro Door/Window Sensor
- Long-Life Door/Window Sensor
- Slim Line Door/Window Sensor
- Recessed Micro Door/Window Sensor
- Shock Sensor
- Glass Break Sensor
- Sound Sensor
- PIR Motion Sensor
- Quik Bridge® Repeater

Life Safety
Sensors can also protect against the dangers of fire, carbon monoxide, and medical emergencies.

Hardwire
- 2-Wire Smoke Detector
- 4-Wire Smoke Detector

Wireless
- Smoke Sensors
- Heat Sensors
- Fire Pull Station
- Carbon Monoxide Sensor
- Water-Resistant Pendant Panic Sensor
- Pendant Panic Sensor

Environmental
Your customers can be warned of furnace failure before costly damage is done.

Wireless
- Freeze Sensor

Home Control
Lights can come on automatically at scheduled times during the day, the system can be controlled from any touchtone phone, and appliances can be managed while your customer is away from home.

- Light Control Module
- Appliance Control Module
- Universal Module

interlogix

SECURITY & LIFE SAFETY GROUP

CADDX | ESL | GBC | ITI | KALATEL | SENTROL

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