



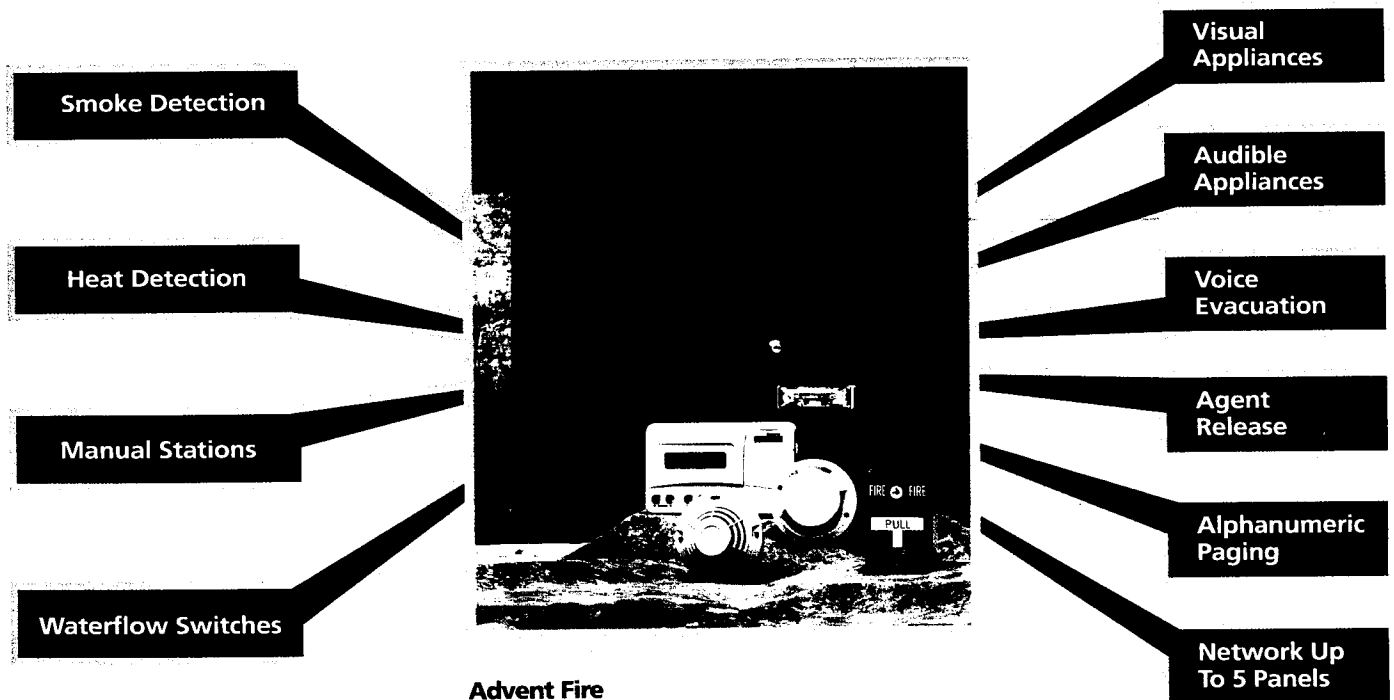
**POWER  
INTEGRATION**

The Advent Of A Powerful  
New Era In Fire Protection

**COMPLIANT**

# Advent™ Fire is the most advanced fire control panel in the industry.

- Advent Fire is an approved Fire Alarm Signaling System with over a megabyte of RAM, 3 megabytes of flash memory, and a 14,400 bps simultaneous fax/data modem onboard. The panel features a powerful, 25-Mhz, 16-bit processor.
- This intelligent fire panel supports up to 250 conventional and/or analog addressable devices.
- A 24-volt, 2.5-amp power supply upgrades easily at 2.5-amp increments and is completely supervised.
- The built-in voice evacuation system has over 100 pre-defined messages available in four languages; you can also record your own. Store up to 4 messages in the panel at a time.
- Eight agent release systems are available when you need them.



## Advent Fire

- Fire Alarm Signaling
- Local Protective Signaling
- Remote Station Protective Signaling
- Central Station Protective Signaling
- Proprietary Protective Signaling
- Emergency Voice/Alarm Communication

# ADVENT'S MODULAR DESIGN is efficient and cost effective.

Auto-configuring expansion modules provide only the number of inputs and outputs required, so you don't have to buy more panel than you need. Two SuperBus™ headers support 31 modules each for a total of 62. SnapCard™ expansion modules plug into SnapCard headers for easy installation.

## EASE OF INSTALLATION AND MAINTENANCE

- Analog Addressable smoke detectors
  - ☞ Provide drift compensation and maintenance notification
- 2048-event history log
  - ☞ Date and time stamped
  - ☞ Upload event history through the interactive downloading software
  - ☞ Viewable at the touchpad and printable on a local printer
- 3 Megabytes of flash memory
- ☞ Download new operating systems easily
  - ☞ No chips to handle
  - ☞ Simultaneous voice and data communications
- ☞ Maintains code compliance
- Wireless sensor test and indications
  - ☞ Precise installer levels indicating signal-to-noise ratio as a numeric value
  - ☞ User Indicators
    - ☞ Display "good" or "bad" status only

## POWER

THE 24-VOLT DC/2.5-AMP POWER SUPPLY EXPANDS EASILY IN 2.5-AMP INCREMENTS ANYWHERE ON THE SYSTEM.

- All power supplies are fully supervised and Current Limited
  - ☞ Flexible and installer friendly
  - ☞ No fuses to change
- Class II option (up to 100 VA)
  - ☞ Single internal 100 VA w/cord
- Class I option (100 VA)
  - ☞ Single internal 100 VA w/flying leads
- 2.5 Amp @ 24 VDC power expansion with SuperBus modules
- 5 Amps @ 24 VDC power expansion w/ SnapCards
- Code compliant battery backup

## ZONES AND OUTPUTS

UP TO 250 ANALOG ADDRESSABLE OR CONVENTIONAL ZONES

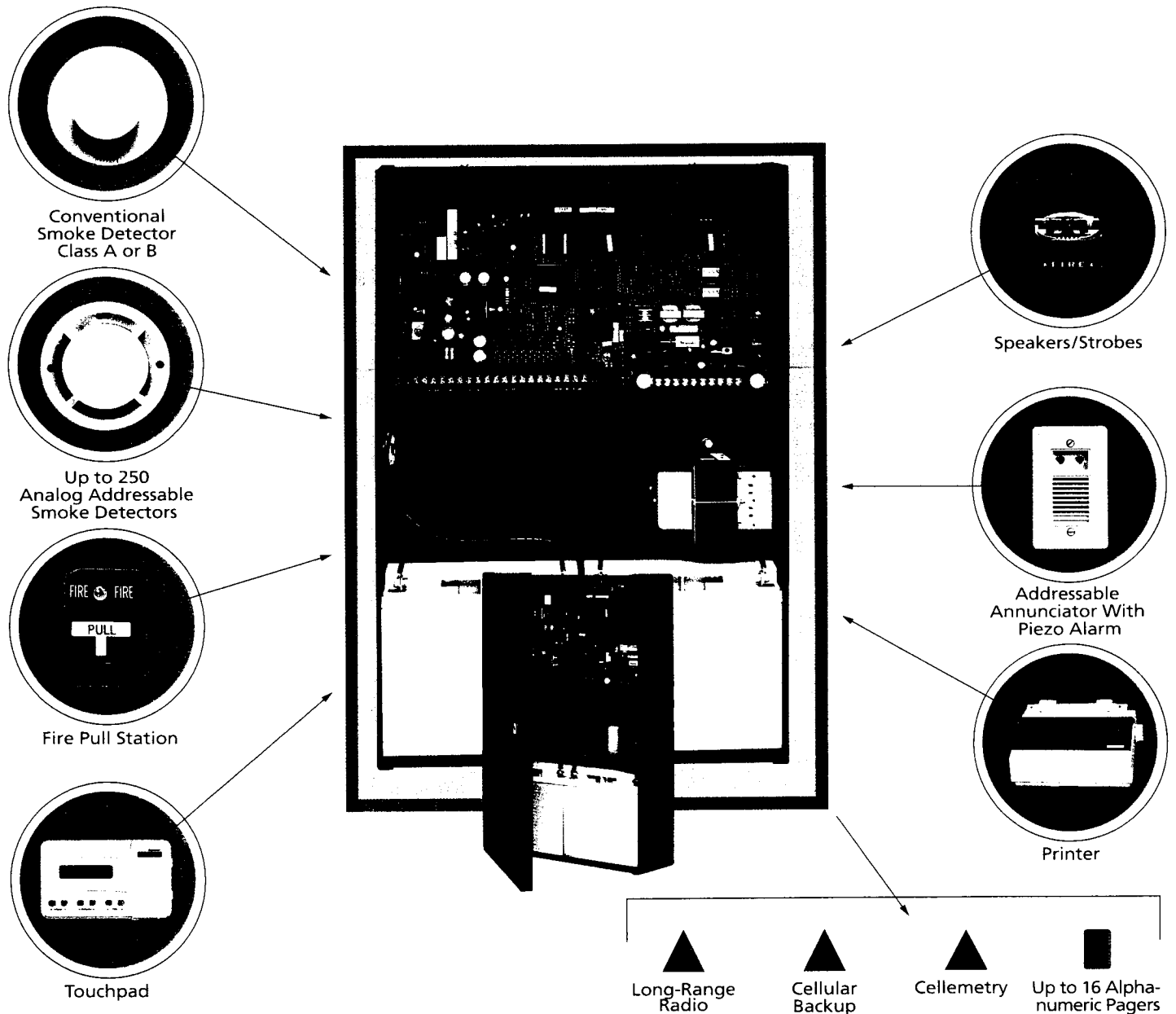
- Initiating device circuits (IDC)
  - ☞ Also known as conventional type
  - ☞ Class A or Class B
  - ☞ Supports System Sensor 100 and 400 series among others
- Signaling Line Circuits (SLC)
  - ☞ Also known as Analog Addressable
  - ☞ Supports System Sensor 200 and 500 Series, Duct, Photoelectric, Ionization
- 6 programmable inputs or outputs onboard
  - ☞ As inputs: Fire rated Style B IDC
- One 24VDC two-wire smoke loop on board
  - ☞ A Class B loop that supports up to 20 detectors
- One additional tamper input
- Up to 116 Notification Appliance Circuits (NAC) or relay outputs
  - ☞ Up to 9 NACs in the panel alone

# Advent Fire Is Compliant Today And Into The Future

**COMPLIANCE** Advent Fire's modem and 3 Megabytes of flash memory make the panel's operating system quick and easy to upgrade, so you can maintain compliance without replacing the panel.

**POWER** Advent Fire features 2.5 Amps of power right out of the box, with no fuses to change. As you need more power, add fully supervised 2.5-Amp SnapCards and SuperBus power supplies to meet your needs.

**INTEGRATION** Advent Fire's sophisticated software makes it the flexible, easy-to-use choice in fire alarm signaling panels. Its design-and-build capabilities take advantage of built-in features such as Voice Evacuation and Agent Release to save thousands of dollars in additional equipment expense.



## REPORTING

### Reporting Methods:

- Dual phone lines (Land Lines)
  - ⤴ 2 account numbers per partition plus 2 for the system
  - ⤴ 2 sets of primary and secondary telephone numbers
  - ⤴ Up to 24 digits for reporting telephone numbers and 16 digits for cellular applications
- Long Range Radio (LORRA)
- Cellular backup
- Cellemetry
- Alphanumeric Paging (up to 16 pagers)
- Supervised printer is time and date stamped
- Network Buddy™

### Reporting Formats:

- Contact ID
- SIA 2000
  - ⤴ Advent Fire is SIA 2000 ready
  - ⤴ 256-character message per incident

## AGENT RELEASE SYSTEM

- Up to eight per system
  - ⤴ Programmable delay up to 60 seconds
  - ⤴ Abort switch
  - ⤴ Manual override
  - ⤴ 10-second delay after abort restores
  - ⤴ Remote warning annunciation

## VOICE EVACUATION SYSTEM

- An automated Temporal 3 tone followed by –
- Up to four messages
  - ⤴ Select from 100+ pre-recorded messages
  - ⤴ Messages available in four languages
    - ⤴ English, Spanish, French, Portuguese
  - ⤴ Zone description annunciated in alarm
    - ⤴ From a vocabulary of over 650 words
  - ⤴ Record your own message using the downloader
    - ⤴ Standard evacuation message
    - ⤴ Severe weather warning message
- "Floor Above/Floor Below" logic built in
- 25 watts of audio output onboard

# NETWORK BUDDY™

Network Buddy™ is a true peer-to-peer network of up to five Advent Fire panels for communication redundancy. If the land lines fail, a signal is sent to the other panels in

the network. They, in turn, communicate to the central station for that panel. Complete messages are sent; nothing is lost.

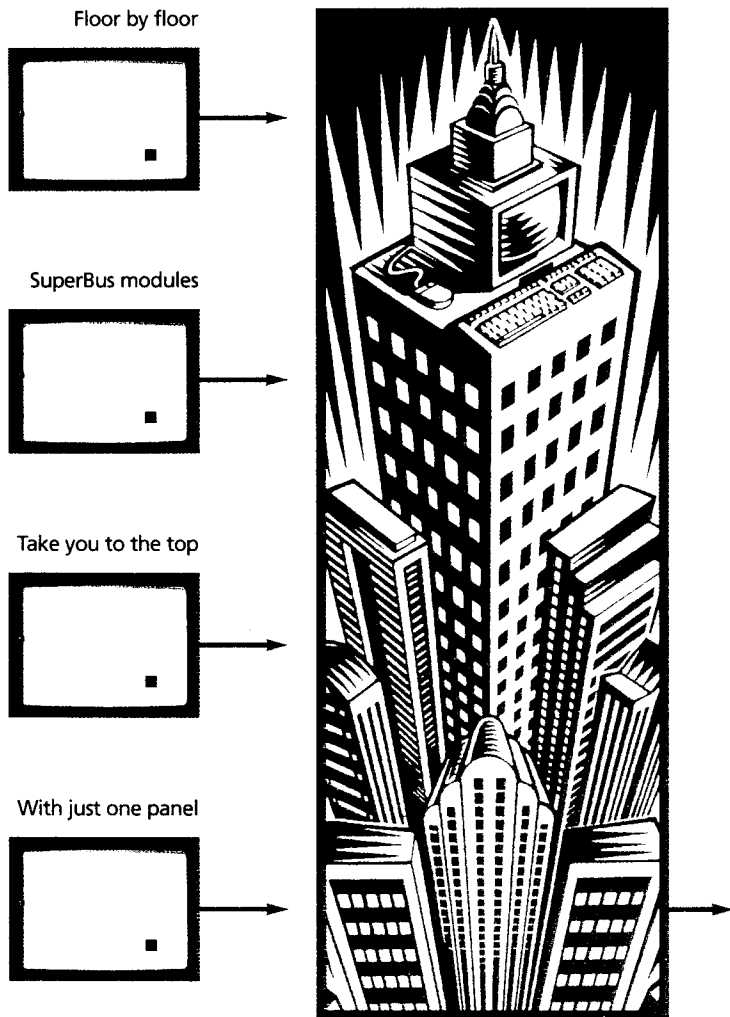


## HIGH-RISE INSTALLATION

SuperBus Analog Addressable Smoke Loop Modules give Advent Fire the power to cover high-rise buildings of virtually any size—from a single panel.

You decrease installation and maintenance costs while providing the Authority Having Jurisdiction [AHJ] with a single-panel solution.

## ADVENT FIRE IS THE SOLUTION



### IN A TYPICAL 10-STORY BUILDING:

Each Analog Addressable SuperBus™ Module covers two floors and communicates via the SuperBus to the Advent Fire panel.

With other manufacturers, the contractor is forced to install five separate panels for the same coverage.

The Advent Fire design is code compliant and cost effective.

## ADVENT FIRE CONTROL PANEL/ACCESSORIES

- Advent Panel
  - ⌚ 2.5 Amp, 24-Volt Power Supply
  - ⌚ 6 onboard zones that can be designated as either inputs or outputs.
- Accessories
  - ⌚ SuperBus 2x20 Flex VFD Fire Touchpad
    - ⌚ 20x20 display with protective door
  - ⌚ Wireless Potter PIV and waterflow Switch Transmitter modules fully supervised for retrofit and difficult-to-install locations.

## SUPERBUS™ MODULES

### ZONE EXPANSION MODULES:

- SuperBus Analog Addressable Module
  - ⌚ Up to 198 devices (99 Smokes/99 Devices)
- SuperBus 80-Zone Input/16-Zone Output Module. Including four 2-wire 12/24-Volt smoke loops, and up to 16 Notification Appliance Circuits.
- SuperBus 8-Zone Input Module
  - ⌚ Provides 8 UL Fire Rated class B IDCs
- SuperBus 4 Relay Output Module
  - ⌚ 4 synchronized controllable output relays

### COMMUNICATION & REPORTING MODULES

- SuperBus Dual Telephone Module
  - ⌚ Required for dual telephone line operation
- SuperBus Cellular Backup Module
  - ⌚ Complete cellular backup for the Advent System

- SuperBus™ 2-Way Paging Module
  - ⌚ UL Grade AA Backup Communication for the system
- SuperBus Printer/Automation Module
  - ⌚ Attaches and fully supervises an Epson parallel printer to the system

### POWER & BUS REPEATER MODULES

- SuperBus Supervised 2.5-Amp 24-Volt Power Supply
  - ⌚ Repeats the SuperBus up to 4000 feet
  - ⌚ Supervised power supply and battery backup

### COMMERCIAL RF TRANSCEIVER MODULE

- SuperBus Commercial Transceiver Module extends wireless system capability
  - ⌚ Add up to 5 per panel for complete coverage

## SNAPCARD™ MODULES

SnapCards make system expansion easy and economical by snapping up to 2 onto the main board. They are polarized to ensure proper installation. Each expansion cabinet with SuperBus 80-Zone Input /16 Output Module can also include up to two cards.

### SNAPCARDS:

- 24-Volt Smoke Loop Expansion SnapCard
- 4-Zone 2-Wire 12/24VDC Smoke Loop SnapCard
- 8-Zone Input Expansion SnapCards


- 4-Zone Input/2 Output SnapCard
- 4-Output Expansion SnapCard
- NAC (Notification Appliance Circuit) SnapCard

### VOICE EVACUATION CARDS:

- Voice Siren 25/70 Volt Converter Card

# APPROVALS/LISTING

- UL Listings:
  - ↗ UL 864
- ULC requirements
  - ↗ Commercial fire warning system control unit
- Additional standards:
  - ↗ CSFM California State Fire Marshall
  - ↗ FM Factory Mutual
  - ↗ MEA New York
  - ↗ BFP Chicago
  - ↗ DOD



Security  
Automation  
Fire Protection  
Access Control

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