

# SUPPRESSION CONTROL PANELS

Fire-Lite's new UL 864 Ninth Edition listed releasing panels are designed with the latest in microprocessor technology to meet the most demanding conventional releasing applications. With the flexibility and extra high reliability found typically only in advanced systems, the new Deluge/Preaction and Agent release models feature a host of new features, such as built-in easy-to-use programming templates.



## MRP-2001

### DELUGE/PREACTION CONTROL PANEL

- Six-zone Style B (Class B) or Six-zone Style D (Class A) with optional modules
- Four Programmable Output Circuits Style Y (Class B) or Four Programmable Output Circuits Style Z (Class A) with optional modules
- Outputs programmable for Releasing Solenoids
- Dual hazard operation
- Adjustable waterflow discharge timer and two soak timers
- Cross-zone capability
- Pre-programmed and custom application templates
- Built-in NAC synchronization for System Sensor, Wheelock, Gentex, Faraday and Amseco devices
- Built in programmer: Integral 80 character LCD display with backlighting and keypad
- Annunciator bus supports up to 8 devices, including new ANN-80 LCD Remote Annunciator, remote serial or parallel printer gateway, and LED graphic annunciator
- 7.0 amps total usable current



## MRP-2002

### AGENT RELEASE CONTROL PANEL

- Six-zone Style B (Class B) or Six-zone Style D (Class A) with optional modules
- Four Programmable Output Circuits Style Y (Class B) or Four Programmable Output Circuits Style Z (Class A) with optional modules
- Outputs programmable for Releasing Solenoids
- Dual hazard operation
- Adjustable pre-discharge, discharge and waterflow delay timers
- Programmable Abort operation
- Cross-zone capability
- Pre-programmed and custom application templates
- Built-in NAC synchronization for System Sensor, Wheelock, Gentex, Faraday and Amseco devices
- Built in programmer: Integral 80 character LCD display with backlighting and keypad
- Annunciator bus supports up to 8 devices, including new ANN-80 LCD Remote Annunciator, remote serial or parallel printer gateway, and LED graphic annunciator
- 7.0 amps total usable current

# PULL STATIONS



## BG-8

The BG-8, conventional, single action metal fire alarm pull station for those jurisdictions where metal pull stations are still required.



## BG-12LX



## BG-12SP



## BG-12

## BG-12 Series

The BG-12 Series is a cost-effective, non-coded series of fire alarm pull stations. Available in both conventional and addressable versions, including single and dual actions, with either key lock or hex key, these Lexan® pull stations are typically specified and desired by most architects and engineers.

# QUICK REFERENCE GUIDE

Feature	Conventional Fire Alarm Control Panels				Addressable Control Panels		
	MS-2	MS-4	MS-5UD	MS-10UD	MS-9050UD	MS-9200UDLS	MS-9600UDLS
Panel Voltage	24	24	24	24	24	24	24
Addressable Points	N/A	N/A	N/A	N/A	50	198	636 (2 loops)
LiteSpeed™ Protocol	N/A	N/A	N/A	N/A	No	Yes	Yes
Number of Zones	2	4	5	10	20	99	99
Class A or B Initiating Zones	B Only	B or A option	B or A option	B or A option	A or B	A or B	A or B
Supports System Sensor i <sup>3</sup> Detectors with Freeze Warning	Yes	Yes	Yes	Yes	N/A	N/A	N/A
Notification Circuits	1	2	4 (A or B)	4 (A or B)	2 (A or B)	4 (A or B)	4 (A or B)
Notification Power (Amps)	3	3.0-6.0	3	7	2.5	3.0-6.0	7
Communicator	411 Series	411 Series	Built-in	Built-in	Built-in	Built-in	Built-in
Supports Upload/Download	No	No	Remote or Local	Remote or Local	Remote or Local	Remote or Local	Remote or Local
Compatible with IPDACT	No	No	Yes	Yes	Yes	Yes	Yes
Battery Range (in Amp Hours)	7.0-18	7.0-18	7.0-18	7.0-26	7.0-18	7.0-18	7.0-26.0
Alarm Contact	Yes	Yes	Programmable	Programmable	Programmable	Programmable	Programmable
Trouble Contact	Yes	Yes	Programmable	Programmable	Programmable	Yes	Yes
Supervisory Contact	No	Yes	Programmable	Programmable	Programmable	Programmable	Programmable
Reverse Polarity Transmitter	Option	Option	Option	Option	Option	Option	Option
Temporal Coding	Yes	Yes	Programmable	Programmable	Programmable	Programmable	Programmable
Optional Remote Annunciator	No	Yes	Yes	Yes	Yes	Yes	Yes
Built-in Sync-Selective Silence	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Supports Printer	No	No	Option	Option	Option	Option	Yes
Listings	UL, CSFM MEA	UL, CSFM MEA	UL, CSFM, MEA, FM	UL, CSFM, MEA, FM	UL, CSFM, MEA, FM	UL, CSFM, MEA, FM	ULC, CSFM, MEA, FM

Feature	Fire Alarm Panel Communicators				Suppression Control Panels	
	411	411UD	411UDAC	IPDACT-2UD	MRP-2001	MRP-2002
Input DC Voltage	12/24	12/24	12	12/24	24	24
Number of Zones/Channels	3	4	4	Addressable	6	6
Class A or B Zones	B	B	B (one A)	N/A	B or A Option	B or A Option
Control Communicator	Slave Comm.	Slave Comm.	Stand-Alone or Slave Comm.	Slave Comm. Contact ID Only	No	No
Remote Upload/Download	No	Yes	Yes	Yes	No	No
No. of Notification Circuits	N/A	N/A	1	N/A	4	4
Supports System Sensor i <sup>3</sup> Detectors with Freeze Warning	N/A	N/A	N/A	N/A	Yes	Yes
Notification Power (Amps)	N/A	N/A	1	N/A	7	7
Battery Range (in Amp Hours)	N/A	N/A	Up to 14.0	N/A	7.0-26	7.0-26
Aux Input	No	No	No	Yes	N/A	N/A
Alarm Contact	No	Option (prog.)	Option (prog.)	No	Programmable	Programmable
Trouble Contact	No	Option (prog.)	Option (prog.)	No	Programmable	Programmable
Supervisory Contact/Output	No	Option (prog.)	Option (prog.)	Yes	Programmable	Programmable
Optional Remote Annunciator	No	No	No	No	Yes	Yes
Supports Printer	No	No	No	No	Yes	Yes
Listings	UL, ULC, CSFM, MEA	UL, ULC, CSFM, MEA	UL, ULC, CSFM, MEA	UL, CSFM	UL, CSFM, MEA, FM	UL, CSFM, MEA, FM

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# PRODUCT LINE BROCHURE



 **FIRE·LITE® ALARMS**  
by Honeywell

# CONVENTIONAL FIRE CONTROL PANELS

Fire-Lite's UL 9th Edition listed 24 Volt conventional fire alarm control panels bring the latest in microprocessor technology to conventional fire controls and are easy-to-install, program and operate. With two-zone, four-zone, five-zone and ten-zone configurations, these units offer a variety of options to meet most local, state and national requirements.

## MS-5UD

### UPLOAD/DOWNLOAD

- Five-zone Style B (Class B) or Five-zone Style D (Class A) with optional module
- Four NAC Circuits Style Y (Class B) or Four NAC Circuits Style Z (Class A) with optional modules
- Built-in NAC synchronization for System Sensor, Wheelock, Gentex, Faraday and Amseco devices
- Integral 80 character LCD display with backlighting and keypad
- Annunciator bus supports up to 8 devices, including new ANN-80 LCD Remote Annunciator, ANN-S/PG remote serial or parallel printer gateway, ANN-RLY, 10 form C relay board, ANN-LED Zone annunciator and ANN-I/O LED driver board for graphic annunciators.
- Built-in two-line digital communicator for off premises monitoring
- Three Form-C programmable relays
- 3.0 amps total usable current

## MS-10UD

### UPLOAD/DOWNLOAD

- Ten-zone Style B (Class B) or Ten-zone Style D (Class A) with optional module
- Four NAC Circuits Style Y (Class B) or Four NAC Circuits Style Z (Class A) with optional modules
- Built-in NAC synchronization for System Sensor, Wheelock, Gentex, Faraday and Amseco devices
- Built in programmer: Integral 80 character LCD display with backlighting and keypad
- Annunciator bus supports up to 8 devices, including new ANN-80 LCD Remote Annunciator, ANN-S/PG remote serial or parallel printer gateway, ANN-RLY, 10 form C relay board, ANN-LED Zone annunciator and ANN-I/O LED driver board for graphic annunciators.
- Built-in two-line digital communicator for off premises monitoring
- Three Form-C programmable relays
- 7.0 amps total shared power

## MS-2

- Two initiating zones compatible with 2- and 4-wire smoke detectors, one zone programmable for combo, supervisory and waterflow
- One Notification Appliance Circuit (NAC) with built-in horn/strobe synchronization for System Sensor®, Wheelock® or Gentex® with selectable silence.
- Also compatible with conventional input devices such as two- and four-wire smoke detectors, pull stations, waterflow devices, tamper switches and other normally-open contact devices.
- 3.0 amps total usable current

## MS-4

- Four initiating zones compatible with 2- and 4-wire smoke detectors, one zone programmable for combo, supervisory and waterflow
- Two NACs with built-in horn/strobe synchronization for System Sensor®, Wheelock® or Gentex® with selectable silence
- Optional module to convert all four initiating zones and two NACs to Class A
- Also compatible with conventional input devices such as two- and four-wire smoke detectors, pull stations, waterflow devices, tamper switches and other normally-open contact devices.
- Compatible with System Sensor's smoke detectors, providing "EZ Walk Test" and a Remote Maintenance Signal (panel is offered as i<sup>3</sup> Ready, no additional modules needed)
- 3.0 amps total usable current and expandable to 6.0 amps total with optional second transformer
- Options include a plug-in 4XTMF transmitter module, a 4XLMF module to support LED annunciators, and a plug-in 4XZMF zone relay module



# AUDIO EVACUATION SYSTEMS

Fire-Lite's UL 9th Edition listed Audio Command Center product line offers voice evacuation, zone splitting and distributed audio capability.



## ACC-25/50

### Audio Command Center

- Single circuit (one amplifier) or dual circuit (two amplifiers) at 25 watts each
- Provides five field-programmable messages, up to 60 seconds total message duration
- Integral commercial grade, emergency communications or paging microphone
- Support for one additional remote emergency communications or paging microphone
- Full supervision in both active and standby conditions
- Integral power supply can charge up to 18 AH batteries, housed in the cabinet
- May be used with most UL-listed Fire Alarm Control Panels (messages can be initiated through dry contact or via Fire Alarm NAC circuits)
- May be controlled directly over a single cable from a MS-9200UDLS or MS-9600LS Fire Alarm Panel using the serial annunciator bus OR ANN-BUS
- Independent power to amplifiers prevents a short circuit in one from shutting down the second

## ACC-25/50 ZS

### Audio Command Center Audio "Zone Split" System

- Similar to the ACC-25/50 but with ability to split audio into eight different circuits
- Power supply is capable of charging up to 18 Amp Hour batteries, which can be housed in the ACC-25/50 cabinet
- May be controlled directly over a single cable from a MS-9200UDLS or MS-9600LS Fire Alarm Panel using the ACS RS-485 bus or ANN-BUS

## ACC-25/50 ZST

### Audio Command Center Audio "Zone Split" System with Telephones

- Similar to the ACC-25/50 but with ability to split audio into eight different circuits and up to 24 telephone circuits
- Fire Fighter Telephone Module with keypad which provides Indications of phone activation, remote page activation, remote microphone activation and corresponding trouble conditions
- Permits up to six (local phone handset plus five remote phone handsets) simultaneous connections

## ACC-25/50 DA

### Distributed Audio Panel

- Expands ACC-25/50 to a possible 1500 watts of audio power
- Up to 29 distributed audio panels can be added to one ACC-25/50
- Optional backup message generator if audio riser fails
- Contains backup tone generator if message generator is not installed and audio riser fails
- Supports either 25 volt or 70.7 volt speaker operation
- Independent power to amplifiers prevents a short circuit in one from shutting down the second

## ACC-25/50 DAZS

### Distributed Audio Zone System

- Expands ACC-25/50DA with up to two additional audio zone splitting panels
- Creates a possible 150 watts distributed audio power (50 watts for each panel) split into 8 circuits each for a total of 24 different speaker circuits
- Supports either 25 volt or 70.7 volt speaker operation
- Optional backup message generator if audio riser fails
- Contains backup tone generator if message generator is not installed and audio riser fails
- Independent power to amplifiers prevents a short circuit in one from shutting down the second

# ADDRESSABLE FIRE ALARM CONTROL PANELS



## MS-9050UD, MS-9200UDLS and MS-9600LS/MS-9600UDLS Addressability Within Reach

With three sizes to choose from, the 50-point MS-9050UD, the 198-point MS-9200UDLS and the 636-point MS-9600LS/MS-9600UDLS, our updated addressable series can handle your smallest through larger sized applications. We've maintained our ease of installation, programming and maintenance, reducing the time it takes to get a system up and running. Plus, the MS-9200UDLS and MS-9600LS/MS-9600UDLS offer *LiteSpeed™* blazin' fast polling protocol to ensure the safety and security of your building and its occupants.

All three new panels also offer:

- Ability to connect devices via unshielded "fire" wire up to 10,000 feet, allowing for easier retrofits and less install time
- Autoprogram locates and programs the panel for each device and insures correct addressing and type of device
- Larger, common backbox enclosure that allows more room to work
- All electronics mounted on chassis, which can be changed by removing only two nuts, for faster change-outs and easier upgrades
- Notification appliance circuits all have built-in synch for the industry's leading manufacturers including System Sensor®, Wheelock® and Gentex® Internet Fire Communicators
- Compatibility with Fire-Lite's Internet Fire Communicators, for communicating alarms over WAN or LAN to the central station

## SYNCHRONIZED POWER SUPPLIES



Known for dependability, Fire-Lite's power supply family, the FCPS-24FS6 and FCPS-24FS8, are recognized as the benchmark for fire alarm power supplies. Featuring built-in System Sensor, Wheelock, and Gentex strobe synchronization, these UL 9th Edition listed power supplies can be cascaded with strobe timing maintained to meet any installation requirement.

### FCPS-24FS6/FCPS-24FS8

- 24 volt, 6 or 8 amp versions available
- Four Class B (Style Y) Class A (Style Z) outputs
- Built-in Strobe Synchronization for ADA Compliance
- Built-in 18 amp Hour Battery Charger
- Operates as a sync follower or a sync generator (default)

## MS-9050UD

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- Single loop supports up to 50 addressable points of any type
- Integrated DACT for off-premises monitoring
- Built-in NAC synchronization for System Sensor, Wheelock, and Gentex devices
- Annunciator bus supports up to 8 devices, including new ANN-80 LCD Remote Annunciator, remote serial or parallel printer gateway, and LED graphic annunciator
- Auto programming feature quickly configures detectors and modules
- Competes with conventional systems, providing addressable point identification at similar price point

## MS-9200UDLS

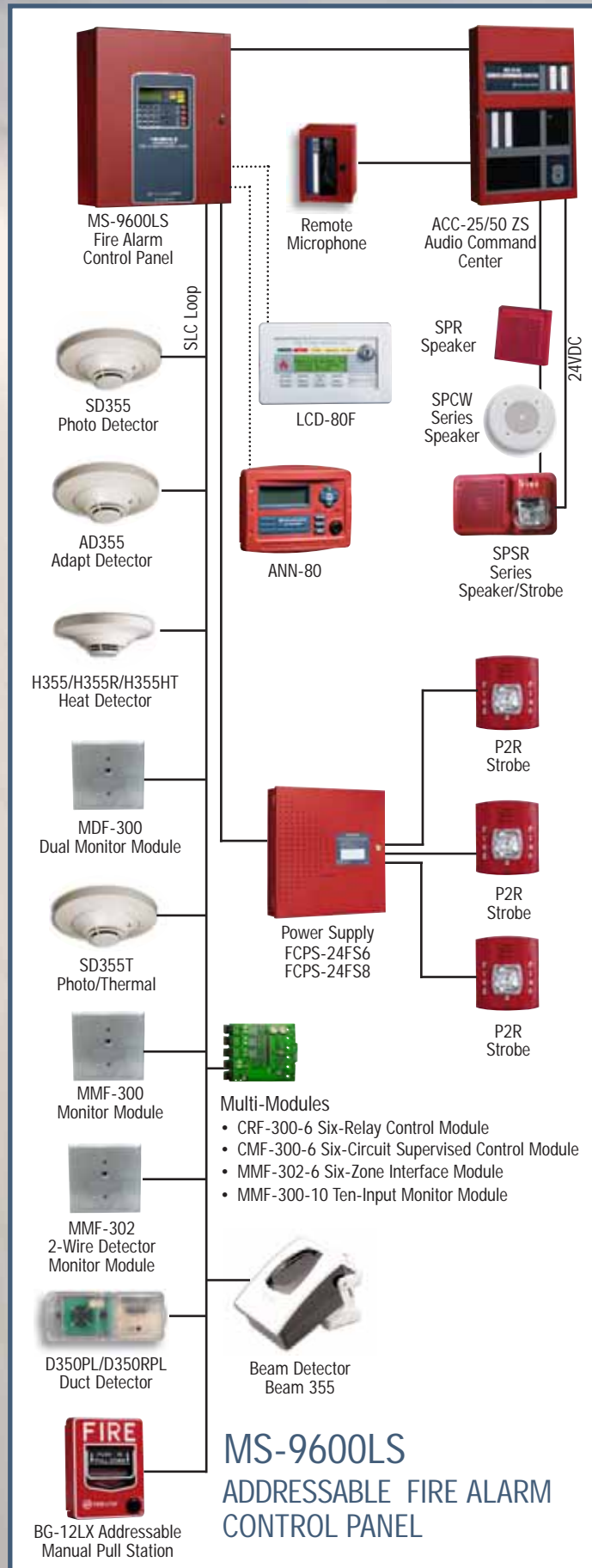
UPLOAD/DOWNLOAD

**New Features!**

- USB programming port
- Uses PS-Tools programming utility
- Supports lower cost ANN-BUS and legacy ACS annunciators
- Single SLC provides support for 198 addressable devices on twisted, unshielded fire wire
- New FAST LiteSpeed SLC communication polls 10 devices at a time and operates on standard, unshielded wire
- Built-in digital communicator for off premises monitoring and remote up/download
- 4 NACs with built-in sync for System Sensor, Wheelock and Gentex
- 3 amp total shared power supply expandable to 6 amps of notification power with optional transformer
- Supports up to 32 optional LCD-80F or ACS LED annunciators

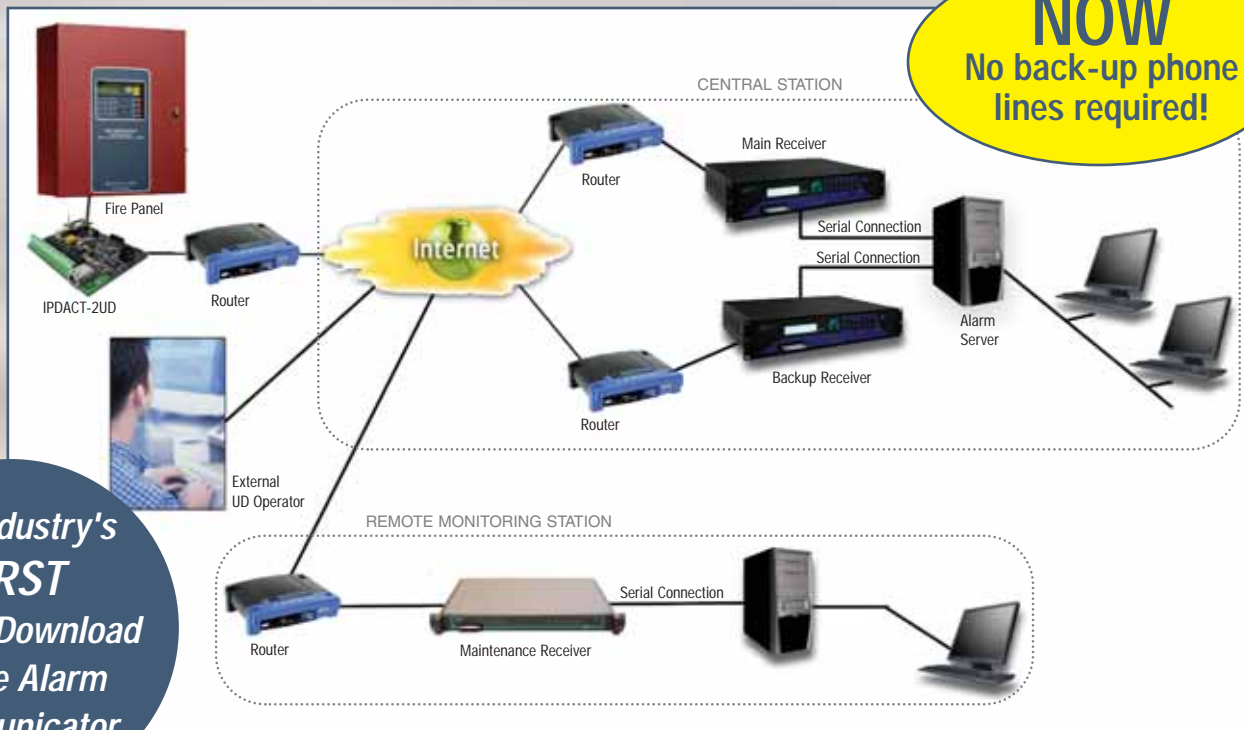
## MS-9600LS/MS-9600UDLS

- Uses PS-Tools programming utility
- Supports lower cost ANN-BUS and legacy ACS annunciators
- Up to 159 detectors and 159 control/monitor modules (total of 318 devices) per SLC (636 with SLC-2LS option card)
- New FAST LiteSpeed SLC communication polls 10 devices at a time and operates on standard, unshielded wire
- Autoprogrammable function reduces installation time
- Advanced Fire Technology includes sensitivity testing and automatic drift compensation
- New 7 Amp total shared power Switching Power Supply provides extra power to four Class B or two Class A Notification Appliance Circuits with onboard Sync Select for System Sensor®, Wheelock® or Gentex® devices



# FIREWATCH™ SERIES OF COMMUNICATORS

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*The Industry's  
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IP Fire Alarm  
Communicator*

## IPDACT

### Internet Fire Communicator

Introducing FIREWATCH™ IPDACT, Fire-Lite's new Internet Fire Communicator. Designed to work with later-model Contact ID and DACT-equipped Fire-Lite fire panels, the IPDACT sends information over any type of Ethernet network connection to a central station equipped with a compatible Teldat VisorALARM® IP receiver. The IPDACT supervises the connection to the central station every 90 seconds, providing faster detection of a connection fault and saves the cost of dedicated redundant phone lines.

- Compatible to MS-9600 and MS-9600LS with DACT-UD, MS-9200UD, MS-9200UDLS, MS-9600UDLS, MS-9050UD, MS-5UD, MS-10UD, and any competitive panel using the 411 series
- Transmits alarms/events over any IP network: Internet and intranet using customer shared equipment
- Supports contact ID over IP and does not require static IP address
- Plugs into Primary phone line on panel DACT
- Mounts in new Fire-Lite common enclosure or external enclosure
- UL 864 9th Edition listed to meet NFPA 72 OT (other transmission technologies), packet switched data network, PSDN

# TELEPHONE LINE COMMUNICATORS

The Fire-Watch UL 9th Edition listed 411 Series is compact, slave and Stand-Alone Digital Alarm Communicator Transmitters (DACTs). DACTs are programmable for a variety of fire, supervisory, trouble, and non-fire applications. The series consists of the 411, 411UD and 411UDAC products. The 411 provides three supervised monitoring inputs/channels, while the 411UD and 411UDAC provide four inputs/channels. The 411 and 411UD are cost-effective solutions for slave applications that require a control panel to transmit system status to an offsite monitoring facility. The 411UDAC can also provide slave communication, however its primary function is a Stand-Alone Communicator. The 411 and the 411UD can be used with the IPDACT to monitor the alarm trouble and supervisory relays of any competitive fire panel.

## 411 Series

- Three models: 411/411UD/411UDAC, slave or Stand-Alone up to 4 input/channels, programmable with PC based upload/download utility PK- 411UD or with on-site programmer PRO-411
- Industry-first, UL recognized "dialer-runaway" prevention feature
- Complies with FCC long distance Carrier Access Code (CAC) requirements of up to 20-digit telephone numbers
- Fifteen reporting formats including the popular Ademco Contact ID format
- 411UDAC includes an integral power supply/battery charger

