AFC Series /

Addressable Fire Alarm Systems

POTTER®
The Symbol of Protection

Addressable Fire Alarm Control Panels /

AFC-1000

127 up to 1,270 Addresses

6 Programmable NACs

10A Power Supply

4 I/O Circuits

Listed for Sprinkler Pre-action and Deluge Systems

AFC-100

100 Addresses

2 Programmable NACs

5A Power Supply

2 I/O Circuits

Listed for Sprinkler Pre-action and Deluge Systems

AFC-50

50 Addresses

2 Programmable NACs

5A Power Supply

2 I/O Circuits

Listed for Sprinkler Pre-action and Deluge Systems

ARC-100

100 Addresses

2 Programmable NACs

5A Power Supply

2 I/O Circuits

Listed for Clean Agent Releasing Systems

Voice Evacuation /

AFC-1000V

Up to 10 amplifiers

10A Power

6 Class B, 3 Class A NACs

NACs rated at 3A each

FFT-1000

Fire Fighter Telephone System

24 Class B or 12 Class A phone circuits

Expandable up 96 Class A or 96 Class B phone circuits

P-Link device

SCA

Single Channel

25W, 50W, and 100W models

25V or 70V

Selectable models

DCA

Dual Channel

50W or 100W models

25V

70V capable with optional 70V-1000 converter

Backup amplification using BUA-1000 module

Conventional Panels /

PFC-4064

6 Class B, 3 Class A Zones

Expandable to 192 Class B, 96 Class A Zones

5A Power Supply

4 NAC Circuits rated at 3A each

Solepath IP Communicator

Email events & reminders

Quadrasync Support

PFC-6006

6 Zones

1A Power Supply

1 NAC Circuit rated at 0.5A

Built-in dual line DACT

Sole Path IP Communicator

Email events & reminders

PFC-4410G3

Multi-Hazard Capability

Seven Programmable Class B Initiating Circuits

Four Class B Output Circuits

Programmable Cross Zoning including AND/OR capability

Supervised Microprocessor

Power Expanders /

PSN-64/106

10/6A Power

4/6 NACs

Quadrasync Support

Reference/Variable end-of-line resistor feature

PSN-1000(E)

Intelligent Power Expansion

10A Power

6 Class B, 3 Class A NACs

NACs rated at 3A each

2 addressable input points

(E) Extra large cabinet to house up to 6 P-Link Expander

P-Link Circuit /

FIB-1000

Fiber Interface Module

SPG-1000

Serial Parallel Gateway

FCB-1000

Fire Communication Bridge

DRV-50

LED Driver Expander

RLY-5

Relay Module Expander

MC-1000

Multi-Connect Expander

PAD100-SLCE

Potter PAD SLC Expander

IDC-6

Initiating Device Circuit Expander

RA-6500R

160 Character LCD Remote Annunciator

RA-6075R

32 Character LCD Remote Annunciator

LED-16

LED Remote Annunciator

SLC Devices /

PAD300-6DB

Detector Base

PAD300-4DB

Detector Base

PAD300-SB

Sounder Base

PAD300-LFSB

Low Frequency Sounder Base

PAD300-IB

Isolator Base

PAD300-RB

Relay Base

PAD300-PD

Smoke Detector

PAD300-DD

In-Duct Smoke Detector

PAD300-HD

Heat Detector

PAD300-CD

CO Detector

PAD300-PHD

Smoke/Heat Detector

PAD300-PCD

Smoke/CO Detector

PAD-SPKB Series

Speaker Base

LFSBB-W

Back Box for PAD-SPKB

PAD-PCHD Series

Smoke/Heat/CO Detector

PAD100-TRTI

2 Relay 2 Input Module

PAD100-RM

Relay Module

PAD100-ZM

Zone Module

PAD100-IM

Isolator Module

PAD100-NAC

NAC Module

PAD100-LED

Remote LED Module

PAD100-SM

Speaker Module

PAD100-OROI

1 Relay 1 Input Module

PAD100-DIM

Dual Input Module

PAD100-SIM

Single Input Module

PAD100-MIM

Micro Input Module

PAD100-LEDK

Addressable LED with Key Switch

PAD300-DUCT

Duct Detector

PAD300-DUCTR

Duct Detector with Relay

PAD100-DRTS

Duct Remote Test Switch

PAD100-PSSA/PSDA

Single/Dual Action Pull Station

NAC Devices /

Mini Horns

Horns & Strobes

Speakers & Strobes

Weather Proof

Low Frequency

Mass Notification

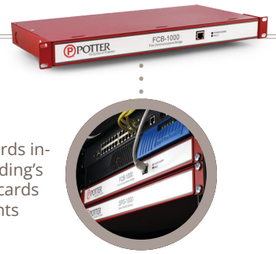
Fire Panel Connections /

Sprinkler Monitoring

Relay Controlled Equipment

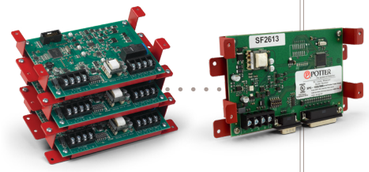
SLC Loop /

PAD100-SLCE adds an additional SLC loop and 127 points to the system



Place expansion cards in-line with your building's existing network cards with rack mounts

Red, black, gray, or white housing options



Potter's Stacker Bracket allows for multiple expansion cards to be placed within a cabinet, multiplying the capabilities of your system

Maximum Range of 800' Between SignaLink Bridge Devices

Any Dry Contact Device

SignaLink™ Transmitter

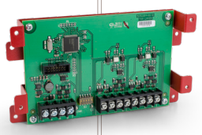
SignaLink™ Repeater (optional)

SignaLink™ Receiver

Wireless Connectivity /

I/O Circuit

Multi-Connect

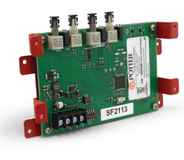


MC-1000 allows up to 62 AFC Series, IPA Series, or PFC-4064 panels to share a single reporting technology

Expansion cabinets allow for additional expansion cards

P-Link Circuit /

P-Link can span up to 6500' between each fire panel and power supply. Greater distances can be achieved with the FIB-1000 and fiber optic cabling.



Up to 31 PSN-1000(E)s can be connected to the P-Link circuit totaling 310 additional amps of synchronized power.

Additional NAC Circuits

x31

IntelliView

IntelliCom Advanced Gateway

Modbus & BACnet Link

PotterNet

IP & Network Connectivity /

Quadrasync synchronizes any combination of the following protocols:

Potter® / Wheelock®

Amseco®

System Sensor®

Gentex®

NAC Circuit /

CA-6075
Class A Expander for IPA-60 and IPA-100

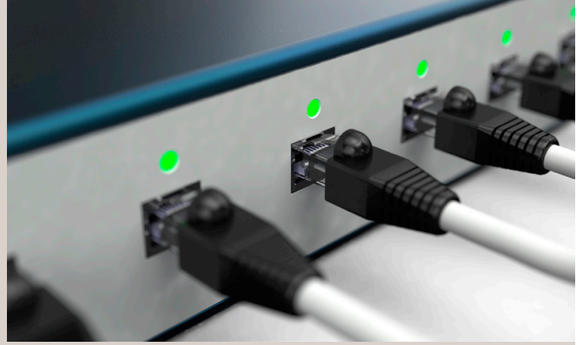
UD-2000
Digital Alarm Communicator Transmitter

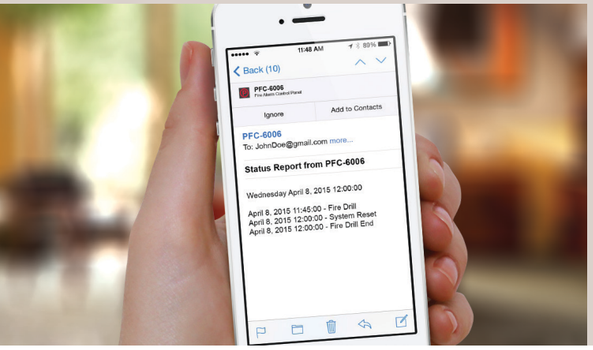
CA-6500
Class A Expander for IPA-4000

IP Connectivity /

With today's ever-expanding means of communication, it's important to be able to incorporate the same technology into your fire control system. We took this technology into account when we designed IP connectivity within our new panels.

By eliminating the cost of phone lines, save big when using your building's existing network infrastructure. Additionally, the speed of IP communication allows for event information to be sent to the central station within seconds. Every Potter IP-enabled fire alarm system has an on board IP communicator that is listed to communicate with the SurGard III IP receiver.

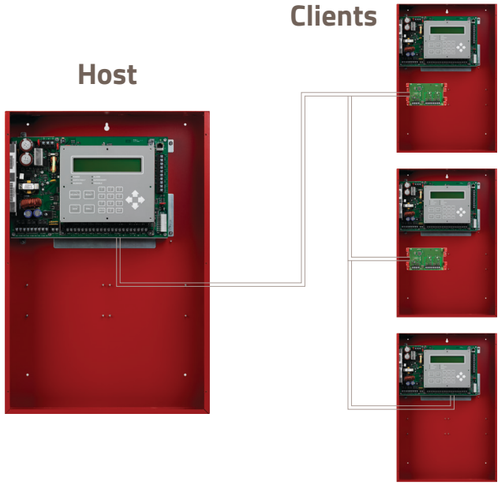




Email & Reminders /

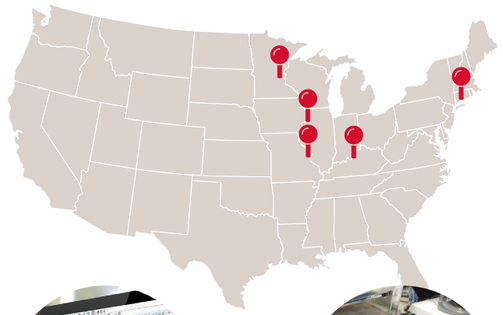
Potter IP-enabled fire alarm systems are email ready. History and Detector Status reports can be sent on demand as either a text or Excel® file for a professional look. The status events of the panel can be immediately emailed allowing users to be proactive in servicing customers.

Reports and the configuration file can be requested from the panel at any time by sending an email directly to the panel. Additionally, enhance your business by creating email reminders for your customers to schedule system tests or even to purchase new batteries.



Multi-Connect /

The MC-1000 Multi-Connect Module allows up to 62 client fire panels to communicate with a remote/central station through a single control panel designated as the host. This can eliminate the need for multiple phone lines and monitoring accounts. Each MC-1000 module includes terminal connections for two client panels.



Designed & Assembled in the USA /

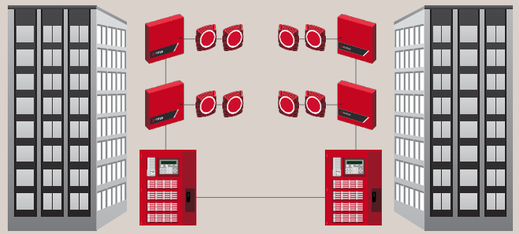
Potter prides itself on offering a full line of fire alarm equipment assembled in St. Louis, Missouri and Branford, Connecticut. With engineering teams located in Maple Grove, Minnesota; Moline, Illinois; and Louisville, Kentucky; Potter continues to provide the latest innovations direct from America's heartland.

Potter's Integrated Voice Systems /

Potter's integrated voice systems bring a new level of software sophistication to an already world-class line of hardware—enabling safe, dependable evacuation during emergency events. With innovative features like WaveNet text-to-speech and visual audio patterns, systems can be rapidly deployed without hassle and added costs. Our emergency voice communication systems can tackle any sized job with industry leading capacity including up to 104 programmable push buttons, 31 total system amplifiers, 248 speaker circuits, and much more!

Learn more by visiting:

pttr.us/integrated-voice



Amplifiers for Integrated Voice /

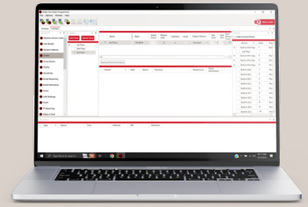
Potter provides a large selection of single and dual channel amplifiers to support small, medium, and hi-rise applications. With available wattages up to 100W and support for both 25VRMS and 70VRMS output voltages, you can be sure that your integrated voice system can adapt to nearly any project. With up to 31 amplifiers per system and an industry leading 8 speaker circuits per amplifier, our systems are truly unmatched in size and capacity. Additionally, dual channel amplifiers can simultaneously instruct evacuation zones and alert other zones of potential emergency, saving the need for multiple amplifiers.

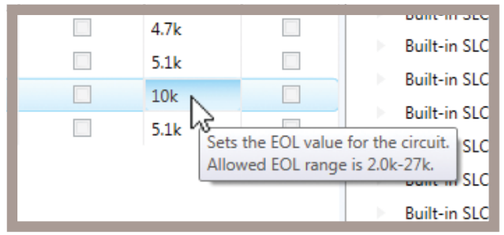
Panel Programming /

Once connected to a network, the panel configuration software allows custom programming and configuration for all points using the network or a stand-alone computer. Fine-tune device behavior characteristics or create mapping zones for a more sophisticated fire protection system. All this is bundled in an easy-to-use drag and drop interface.

Learn more by visiting:

*pttr.us/**panel-programming***





Programmable EOLs /

NACs and I/Os have programmable EOLs between 2.0k and 27k. This can be achieved manually by installing the resistor and using the panel's LEARN function, or automatically through the programming software.

Dipswitch Programming /

Potter Protocol devices are now programmed through easy-to-use dip-switches. This makes it easier than ever to address SLC devices on-site and requires no external hardware.

Potter AFC Series Comparison Charts*

Features	Potter AFC-1000	Fire-Lite ES200X	Silent Knight 6808	Fire-Lite ES10000X	Silent Knight 6820
Addressable SLCs	10 (Class A or B)	1 (Class A or B)	1 (Class A or B)	3 (Class A or B)	4 (Class A or B)
SLC Points	1,270	198 [6]	127/198 [3,6]	954	635/1110 [3,6]
Max SLC Loop Distance	10,000 ft	10,000 feet	12,500 feet	10,000 feet	10,000 feet
SLC Protocol	Potter® PAD / Nohmi® [7]	Fire-Lite®	Hochiki® / SK [3]	Fire-Lite®	Hochiki® / SK [3]
NAC Power Supply (Amps)	10	3	6	8	6
# of NACs	6 NACs Class A/B, 4 I/O Class B	4 Class A/B	2 Class A, 4 Class B	4 NACs Class A/B	3 Class A, 6 Class B, 1 I/O Class A, 2 I/O Class B
NAC Circuit Rating	3A each, I/O 1A each	2.5 amp each	3 amp each	3 amps each	3 amps each
On-Board Programmable I/O [4]	4	0	0	0	2
E-mailing Capabilities [5]	Built-In	No	No	No	No
IP Communicator	Included	Built-in	Built-in	Built-In	Built-in
On-board Alarm, Supervisory, & Trouble Relays	Yes	1 Trouble, 2 Programmable	1 Trouble, 2 Programmable	1 Trouble, 2 Programmable	1 Trouble, 2 Programmable
Digital Alarm Communicator	Optional	Built-in	Built-in	Built-In	Built-in
Reporting Protocol	General, Zone, Point	Point or Zone	Point or Zone	Point or Zone	Point or Zone
Remote Upload/Download	Yes	Yes	Yes	Yes	Yes
History Buffer	4, 000	1,000	500	1,000	1,000
Sync Capabilities	Quadrasync [1]	Selectable [2]	Selectable [2]	Selectable [2]	Selectable [2]
Auto Programming	Yes	Yes	Yes	Yes	Yes
Auto Programming finds /adds / deletes / device-type changes without affecting installed program	Yes	Finds/Adds Only	Finds/Adds Only	Finds/Adds Only	Finds/Adds Only
Programming Zones	1,500	125	256	99	999
Programming Port Cable	Standard Ethernet	Remote Via Ethernet Locally using USB	USB or Ethernet	Remote Via Ethernet Locally using USB	USB or Ethernet
Annunciators	31	16	12	16	16
Battery Size in Cabinet (x2)	18	18	18	26	18
Battery Charging Capability	55	18	35	55	35

Features	Potter AFC-50 / Potter AFC-100	Fire-Lite ES-50X	Silent Knight 6700
Addressable SLCs	1 (Class A or B)	1 (Class A or B)	1 (Class B) / 1 (Class A or B)
SLC Points	50 / 100	50	50 / 100 [3]
Max SLC Loop Distance	10,000 feet	10,000 feet	12,500 feet
SLC Protocol	Potter® PAD / Nohmi® [7]	Fire-Lite®	Hochiki®, SK [3]
Power Supply (Amps)	5	3	2.5
# of NAC	2 NACs Class A/B, 2 I/O Class B	2 Class or 2 Class B	1 Class A or 2 Class B
NAC Circuit Rating	3 amps each	2.5 amps each	2.5 amps each
Emailing Capabilities [5]	Built-in	No	No
IP Communicator	Included	Built-in	Built-in
On-board Programmable I/O4	2	0	0
On-board Alarm, Supervisory, & Trouble Relays	Yes	1 Trouble, 2 Programmable	1 Trouble, 2 Programmable
Dialer	Optional	Built-in	Built-in
Reporting Protocol	General Point or Zone	Point or Zone	Point or Zone
Remote Upload/Download	Yes	Yes	Yes
History Buffer	4,000	1000	1000
Sync Capabilities	QuadraSync [1]	Selectable [2]	Selectable [2]
Auto Programming	Yes	Yes	Yes
Auto Programming finds/adds/deletes/ device-type changes without affecting installed program	Yes	Finds Adds Only	Finds Adds Only
Programming Zones	99	50	125
Programming Port Cable	Standard Ethernet	Remote via Ethernet Locally with USB	Standard Ethernet or USB
Annunciators	31	8	8
Battery Size in Cabinet (x2)	18	18	7
Battery Charging Capability	55	18	35

* Content based on available published information.

1. QuadraSync allows user to set each NAC circuit to a different sync protocol and maintain system wide sync. (Amseco®, Wheelock®, Gentex®, System Sensor®)
2. Selectable allows user to set sync protocol for all NAC outputs (Amseco®, Gentex®, Wheelock®, System Sensor®) Fire-Lite ES-50X, ES200X, and ES-1000X do not support Amseco synchronization protocol.
3. Panel accepts multiple protocols. Smaller number refers to Hochiki protocol and larger number refers to SK protocol
4. I/O circuits can be programmed as NAC, AUX PWR, Contact Input, City Tie, Reverse Polarity.
5. Emailing Capabilities: panel has built-in email functionality to notify user-defined email addresses of events occurring at the panel. Scheduled reports can be emailed from panel, and reports can be requested from the panel on-demand.
6. The total of 198 is made up of a maximum of 99 detectors and 99 modules each per loop.
7. Same SLC protocol devices are used on all Potter AFC panels.