



AFC Series /

Addressable Fire Alarm Systems

P POTTER
The Symbol of Protection



Facility Management /

Would you like to know what's happening on your Potter fire alarm control panels from a single location? Potter's Facility Management software is compatible with all Potter IP-enabled fire alarm systems and displays real-time events that occur on one or more panels connected via a LAN or WAN network connection.

It offers great flexibility in how event information may be used to efficiently organize, manage and analyze panel performance. The Facility Management software allows the user to see alarm events, trouble conditions, and much more. Events can even be filtered to create custom data files which can be exported to Word® or Excel®.

For a limited time, receive Potter's Facility Management software absolutely free! To learn more and to download, scan the QR code or visit:

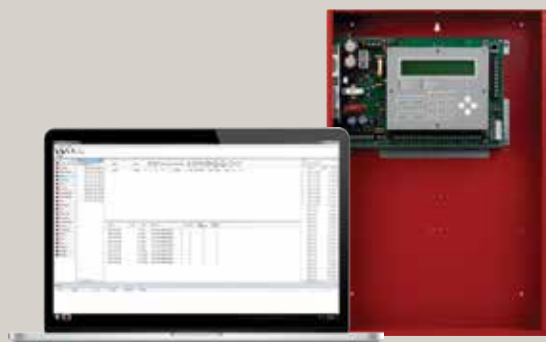
www.pottersignal.com/FMtool



Panel Programming /

Potter IP-enabled fire alarm systems have the ability to connect to a Local or Wide Area Network (LAN or WAN) and obtain an IP address. Once connected, the panel configuration software allows custom programming and configuration for all points using the network or a stand-alone computer.

We have designed our programming software to be simple yet robust. At the click of a mouse, you can 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.



Low Temp	EOL Value (k Ohm)	LED Blink Disabled
<input type="checkbox"/>	4.7k	<input type="checkbox"/>
<input type="checkbox"/>	5.1k	<input type="checkbox"/>
<input checked="" type="checkbox"/>	10k	<input type="checkbox"/>
<input type="checkbox"/>	5.1k	<input type="checkbox"/>

ASSEMBLED IN USA

Sets the EOL value for the circuit. Allowed EOL range is 2.0k-27k.

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 /

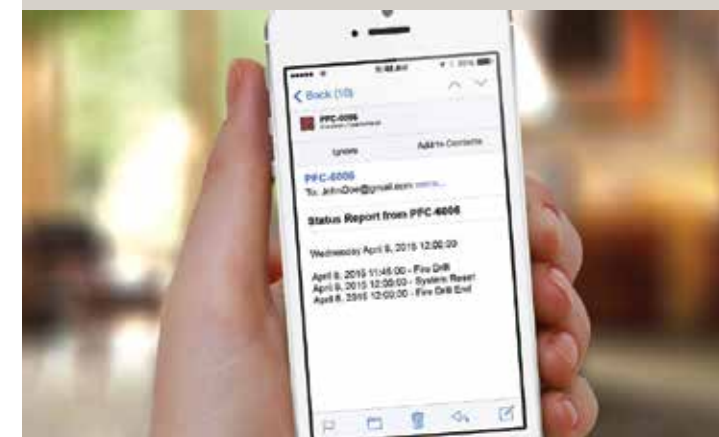
Potter Protocol devices are now programmed through easy-to-use dip-switches. This makes it easier than ever to address SLC devices on-site and requires no external hardware.



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.

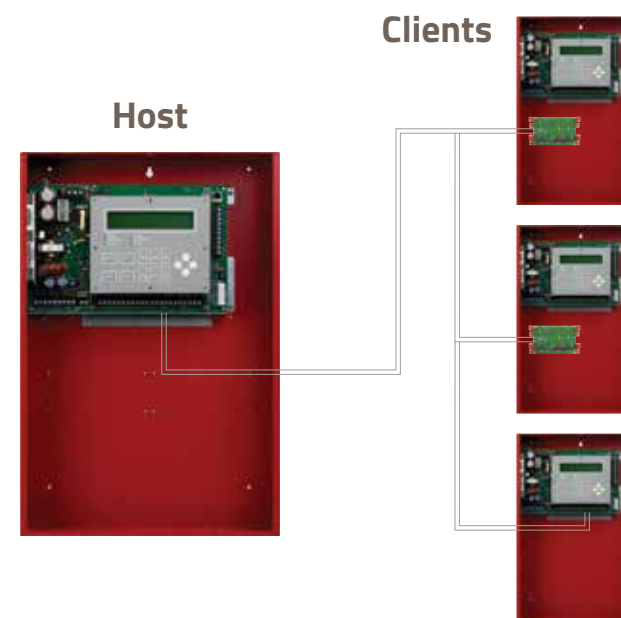
By eliminating the cost of phone lines, save big when using your building's existing network infrastructure. Additionally, the speed of IP communication allows for event information to be sent to the central station within seconds. Every Potter IP-enabled fire alarm system has an on board IP communicator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



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

Power Expanders /



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 Expanders



PSN-64/106

10/6A Power
4/6 NACs
Quadrasync Support
Reference/Variable end-of-line resistor feature

Voice Evacuation /



Conventional

25 - 2000W Systems
25 or 70.7 VRMS
Zone Splitting
Remote Microphones



Expandable

Nearly Unlimited Wattage
Distributed Voice
Multiple Master Panels
6 Channel Audio
1,000 Messages
Fire Fighter Telephone Capable

Conventional Fire 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 & service 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 & service reminders

Mass Notification /



EVAX-100M/200M

100W/200W
Mass Notification System
25 or 70 VRMS
Digitally Recorded EVAC/MNS Messages/Tones
Live Microphone Override of Message and Tones



Mass Notification Signaling Devices



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



SLCE-127

Potter/Nohmi SLC 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 /



PAD100-6B/4B

Detector Base



PAD100-SB

Sounder Base



PAD100-IB

Isolator Base



PAD100-RB

Relay Base



PAD100-SPKB

Speaker Base



PAD100-LFSB

Low Frequency Base

PAD100-PD

Smoke Detector

PAD100-HD

Heat Detector

PAD100-PHD

Smoke/Heat Detector

PAD100-CD

CO Detector

LFSBBB-W

Back Box for PAD100-SPKB & PAD100-LFSB



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



PAD100-DUCT

Duct Detector



PAD100-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

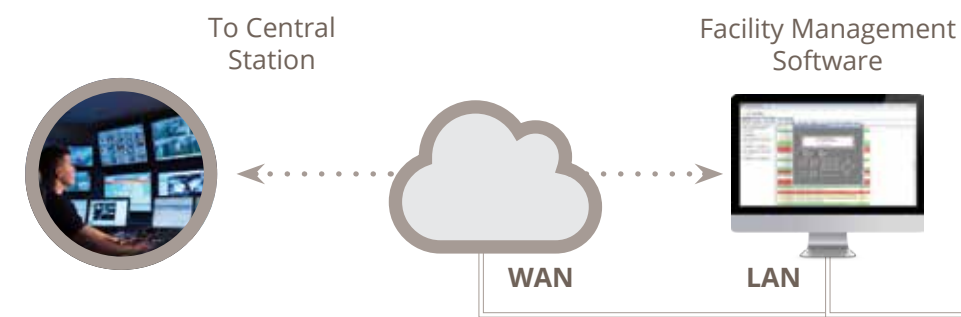


Mass Notification

Fire Panel Connections /



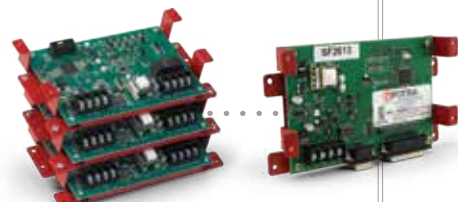
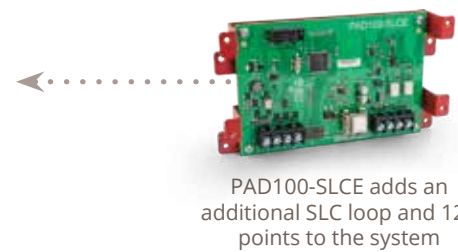
UD-1000 Digital Alarm Communicator Transmitter	CA-6075 Class A Expander for AFC-50, AFC-100, and ARC-1000	CA-6500 Class A Expander for AFC-1000
----------------------------------------------------------	----------------------------------------------------------------------	-------------------------------------------------



Qudrasync synchronizes any combination of the following protocols:

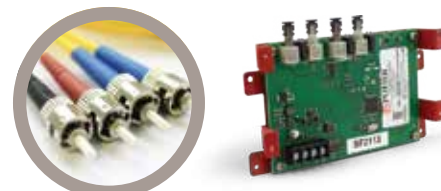


SLC Loop /



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.



Potter AFC Series Comparison Charts*

Features	Potter AFC-1000	Fire-Lite MS-9200	Silent Knight 5808	Fire-Lite 9600	Silent Knight 5820XL
Addressable SLCs	10 (Class A or B)	1 (Class A or B)	1 (Class A or B)	2 (Class A or B)	4 (Class A or B)
SLC Points	1,270	198 ⁶	127/198 ³	636	508
Max SLC Loop Distance	10,000 ft	10,000 ft	10,000 ft	10,000 ft	10,000 ft
SLC Protocol	Potter [®] PAD / Nohmi ^{® 7}	Fire-Lite [®]	Hochiki [®] / SK ³	System Sensor [®]	System Sensor [®] / Hochiki [®]
NAC Power Supply (Amps)	10	2.5	6	7	6
# of NACs	6 NACs Class A/B, 4 I/O Class B	4 Class B	2 Class A, 4 Class B	2 Class A, 4 Class B	6 Class A/B
NAC Circuit Rating	3A each, I/O 1A each	2.5A each	3A each	3A each	3A each
On-Board Programmable I/O ⁴	4	0	0	0	5
E-mailing Capabilities ⁵	Built-In	No	No	No	No
IP Communicator	Included	Optional	Optional	Optional	Optional
On-board Alarm, Supervisory, & Trouble Relays	Yes	Yes	Yes	1 Trouble, 2 Programmable	3 Programmable
Digital Alarm Communicator	Optional	Built-in	Built-in	Optional	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	No	Finds / Adds Only	No
Programming Zones	1,500	99	125	99	125
Programming Port Cable	Standard Ethernet	USB	Serial or USB	Serial Cable	Serial Cable
Annunciators	31	32	8	8	8
Battery Size in Cabinet (x2)	18	18	18	18	18
Battery Charging Capability	55	18	35	26	35

Features	Potter AFC-50 / Potter AFC-100	Fire-Lite MS-25 / Fire-Lite MS-9050	Silent Knight 5600 / Silent Knight 5700
Addressable SLCs	1 (Class A or B)	1 (Class B) / 1 (Class A or B)	1 (Class B) / 1 (Class A or B)
SLC Points	50 / 100	25 / 50	25 / 50 / 100 ³
Max SLC Loop Distance	10,000 feet	10,000 feet	10,000 feet
SLC Protocol	Potter [®] PAD / Nohmi ^{® 7}	Honeywell [®] / Fire-Lite [®]	Honeywell [®] Hochiki [®] , SK3
Power Supply (Amps)	5	2 / 2.5	2 / 2.5
# of NAC	2 NACs Class A/B, 2 I/O Class B	2 Class B / 2 Class A or 2 Class B	2 Class B / 1 Class A or 2 Class B
NAC Circuit Rating	3 amps each	2 amps each / 2.5 amps each	2 amps each / 2.5 amps each
Emailing Capabilities ⁵	Built-in	No	No
IP Communicator	Included	Optional	Optional
On-board Programmable I/O ⁴	2	0	0
On-board Alarm, Supervisory, & Trouble Relays	Yes	Yes	Yes
Dialer	Optional	Built-in	Built-in
Reporting Protocol	General Point or Zone	Zone / Point or Zone	Zone / Point or Zone
Remote Upload/Download	Yes	Yes	Yes
History Buffer	4,000	None / 500	None / 500
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	No / Finds Adds Only	No
Programming Zones	99	5 / 20	5 / 125
Programming Port Cable	Standard Ethernet	Standard Ethernet / Serial	Standard Ethernet / Serial or USB
Annunciators	31	0 / 8	0 / 8
Battery Size in Cabinet (x2)	18	7 / 18	7
Battery Charging Capability	55	33 / 18	33 / 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[®]) MS-9200 does not include Amseco Sync.
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.
7. Same SLC protocol devices are used on all Potter AFC panels.