



HOCHIKI FireNET Plus 1127 Analog Addressable Fire Alarm Control Panel Owner's Manual

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FireNET™ Plus 1127 – ANALOG
ADDRESSABLE FIRE ALARM CONTROL PANEL
Owner's Manual



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DESCRIPTION

The FireNET™ Plus 1127 series control panel is an analog addressable fire alarm panel with build options containing 1 or 2 SLC loops, a Digital Alarm Communicator/ Transmitter (DACT), and an RS-485 bus for network communication. Each SLC loop supports 127 devices of any combination (sensors or modules), and 127 analog sounder bases, for a possible total of 254 points per loop. Communication between devices is accomplished by use of standard cable (shielded or twisted pair is not required). Each panel includes a 4-amp power supply and has 2 onboard NAC circuits. The RS-485 bus provides communication to the panel network while another RS-485 bus provides communication for peripheral devices. The RS-232 interface allows the convenience of programming via a PC. The system will support a variety of Hochiki devices; photo, ion and heat sensors, which contain a unique, patented sensor design incorporating automatic drift compensation and day/night sensitivity modes. Additional devices include contact monitors, relay controllers, supervised auxiliary output and short circuit isolator modules. In addition, interfaces to conventional detection systems can be established by using a conventional zonemonitoring module. The Loop Explorer Windows® Software interface provides the installer with fingertip access to installation programming and diagnostic tools. An Auto Learn feature offers the convenience for quick start applications. Add to this a reputation for high quality and dedicated service which makes this an exceptional product both in performance and value.

Specifications subject to change without notice.

STANDARD FEATURES

- Analog design using Hochiki's advanced DCP protocol for fast communication
- Up to 127 sensors & modules, plus 127 analog sounder bases, for a total of 254 points possible per loop
- Uses standard wire, no-shielded or twisted pair required on SLC loops
- Integrated digital alarm communicator (DACT) with Contact ID and SIA reporting formats
- Programmable sensitivity levels by device
- Alarm Verification feature
- Automatic daily calibration & drift compensation routine
- Large 8-line x 40-character LCD display (320 char.)
- 1 or 2 loop (option)
- RS-485 bus for panel network (option)
- Built-in RS-232 interface for programming via a PC
- 3 on board programmable Form C relays rated at 1 amp at 30VDC
- 2 auxiliary power outputs, each rated 360mA at 24 VDC
- Loop Explorer Windows® configuration utility
- Auto-learn feature
- 500 network wide software zones
- Network Capability of up to 64 panels (option)
- Built in help and alarm information screens

- 2 on-board Class B (style Y) NAC circuits rated at 2.3 amps each (Special Application) and 1.6 amps each (Regulated continuous)
- Gentex, System Sensor, Wheelock, and Amseco NAC sync protocol built-in
- Automatic day/night sensitivity modes
- Fire Drill test function
- Walk Test function
- Powerful & versatile Cause & Effect wizard including: *Cause & Effect action *Disable function configuration *Test mode configuration

PRODUCT LISTINGS



UL 864, Local Signaling Unit.

Types: Automatic, manual, waterflow, sprinkler supervisory Remote Station and Central Station Service (DACT) Non-coded signaling. NFPA 70, 72 & 13 Compliant



California State Fire Marshal

7165-0410:180



SPECIFICATIONS

Primary AC	120VAC @ 2.1 Amps 50/60hz or 220VAC @ 1.1Amps 50/60hz
Output DC	24VDC @ 5.25 Amps
Power Supply	4 Amp integrated
Charger Current	1.5 Amps max.
Dimensions	14.5" W x 19" H x 3.5" D
Weight	20 lbs. (without batteries)
Color	Red (optional charcoal)
Material	ABS/steel enclosure
Display	8 line x 40 character LCD (320 characters total)
Network	Dual RS485 ports (64 panels max.)
Zones	500 network wide software zones per system
SLC loops	1 or 2 (class A, "style 6 or 7" or class B, "style 4")
Devices per loop	127 sensors & modules, plus 127 analog sounder bases, 254 total
Addresses per panel	800 addresses+sub-addresses max. per panel
NAC Outputs	(2)class B, 2.3 Amps (special application) 1.6 Amps Regulated (continuous)
Relay Outputs	(3)Form C 1 Amp @ 30VDC
Aux. Power	2 outputs, 360mA @ 24VDC each
PC Port / Printer	RS232
DACT Formats	Contact ID and SIA

SLC COMPATIBLE DEVICES & SYSTEM ACCESSORIES

MODEL	DESCRIPTION
CONTROL PANEL EXPANDERS	
FNP-1127-SLC	SLC One Loop Expansion Card
FN-4127-NIC	Network Interface Card
FN-4127-IO	16 Channel Input/Output Board

ANNUNCIATOR	
FN-LCD-S	Serial LCD Annunciator
FNP-LED	Graphix Display
SLC LOOP DEVICES	
ALG-V, ALK-V	Analog Addressable Photoelectric Sensor
AIE-EA	Analog Addressable Ionization Sensor
ATG-EA	Analog Addressable Heat Sensor
NSA-6	Six inch Sensor Base
NSA-4	Four inch Sensor Base
ASB	Analog Sounder Base
DH-98A	Analog Addressable Duct Detector Unit
DH-98AR	Analog Addressable Duct Detector Unit (with relays)
MS-RA, MS-RA/R, MS-K A/R	Remote Test Station for DH98AR
FRCME-S	Contact Monitoring Module (mini w/terminal blocks)

FRCME-P	Contact Monitoring Module (mini w/pigtail leads)
FRCME-4	Contact Monitoring Module (with faceplate/indicating LED)
FRCMA, FRCMA-I	Class A Contact Monitoring Module (FRCMA-I has Built-in SCI)
DIMM	Dual Input Monitor Module (with faceplate/indicating LED)
CZM	Conventional Zone Module
R2M	Dual Relay Module
R2ML/H Series	Dual Relay Module (R2ML-I & R2MH-I has Built-in SCI)
SOM	Supervised Output Module
SOM-A, SOM-AI	Class A Supervised Output Module (SOM-AI has Built-in SCI)
SCI	Short Circuit Isolator Module
AMS Series	Addressable Manual Pull Station
ACCESSORIES	
TCH-B100	Hand Held Programmer (portable device addresser)
FN-ACC	Battery/Accessory Enclosure (houses up to 33AH size batteries)
FNP-ETR	Enclosure Trim Ring for Panel Flush Mount




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Documents / Resources

	<p>HOCHIKI FireNET Plus 1127 Analog Addressable Fire Alarm Control Panel [pdf] Owner's Manual</p> <p>FireNET Plus 1127 Analog Addressable Fire Alarm Control Panel, FireNET Plus 1127, Analog Addressable Fire Alarm Control Panel, Addressable Fire Alarm Control Panel, Fire Alarm Control Panel, Alarm Control Panel, Control Panel, Panel</p>
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References

-  [Fire Alarm Resources | Download fire alarm documents](#)
-  [Hochiki | Fire Protection Equipment and Systems](#)

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