FireNET™ Plus 1127 - ANALOG ADDRESSABLE FIRE ALARM CONTROL PANEL

**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*
- Seismic Certified

**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 on-board 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 zone-monitoring 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.

**PRODUCT LISTINGS**

UL 864, Local Signaling Unit.
Types: Automatic, manual, water/flow, 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 subject to change without notice.
### 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, NSA-4: Six inch Sensor Base
  - NSA-4: Four inch Sensor Base
  - ASB: Analog Sounder Base
  - DH-98A, DH-98AR: Analog Addressable Duct Detector Unit (DH-98AR has relays)
  - MS-RA, MS-RA/R, MS-KA/R: Remote Test Station for DH98AR
  - FRCME-M: 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)
  - C2M: 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)
  - SOM-R: Supervised Output Module for Releasing Pre-action System
  - 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

### SPECIFICATIONS

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