Intelligent Analog/Addressable Fire Alarm/Voice Integration Systems
CONVENTIONAL FIRE ALARM CONTROL PANELS

SK-Conventional Series
2- to 30-Zone Fire Alarm Control Panels (FACPs)
Whether your installation calls for 2 zones or 30 zones, we’ve got you covered. Our entire SK-Conventional Series boasts power and features you won’t find in panels that cost twice as much. So now you’ll have access to more of the jobs you want—new or retrofit. The SK-5208, compatible with both 2- and 4-wire smoke detectors, is an all-in-one control panel and digital communicator, and also has a built-in LCD display. With full English readouts, your programming and maintenance become a snap. Of course, as with all of our conventional panels, you’ll appreciate how fast and easy it is to install, program and maintain. Our built-in power supplies handle power-hungry peripherals with ease. Put any one of these panels to the test, and you’ll find they really do defy convention.

SK-5208 (10- to 30-Zone)
Features
- Built-in UL-listed digital communicator
- Built-in LCD display provides English readouts
- 10 zones — 10 Class B Style B or 8 Class B Style B and 2 Class A Style D
- 4 notification appliance circuits (Class B Style Y)
- Programmable from built-in touchpad

SK-5208 Accessories
5217 10-Zone Expander
5235 Remote LCD Annunciator
5280 Status Display Module
5660 Silent Knight Software Suite (SKSS)
7181 Fire Zone Converter Module
5824 Serial/Parallel Module

SK-4 (4-Zone)
Features
- Form C Alarm, Supervisory and Trouble relays
- Optional module that converts all 4 IDCs and 2 NACs to Class A
- 240 VAC primary (SK-4E only)

SK-4 and SK4E Accessories
SK-DP2/4 Dress Panel
SK-4RB Repair Board
SK-CAC4 Class A Converter
SK-4XTM Transmitter Module
SK-4XLM LED Interface Module
SK-XRM24 110 Volt Transformer 3-6A
SK-XRM24E 240 Volt Transformer 3-6A
SK-RA4 Remote Annunciator
SK-4XZM Zone Relay Module
TR-1-R Semiflush Mount Trim Ring

SK-2 (2-Zone)
Features
- Form C Alarm and Trouble relays
- 240 VAC primary (SK-2E only)

SK-2 and SK-2E Accessories
SK-DP2/4 Dress Panel
SK-2RB Repair Board
SK-4XTM Transmitter Module
RBB Remote Battery Box Accessory Cabinet
TR-1-R Semiflush Mount Trim Ring

<table>
<thead>
<tr>
<th>Conventional Features</th>
<th>SK-5208</th>
<th>SK-4</th>
<th>SK-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Class B Zones</td>
<td>10 (exp. to 30)</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Notification Appliance Circuits</td>
<td>4</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Power Supply (24VDC)</td>
<td>6A</td>
<td>2.5A or 5.0A</td>
<td>2.5A</td>
</tr>
<tr>
<td>Alarm Verification</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>ANSI 3.41 (Temporal) Cadence</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Up/Downloadable</td>
<td>•</td>
<td>energy</td>
<td>•</td>
</tr>
<tr>
<td>Communicator</td>
<td>•</td>
<td>optional</td>
<td>optional</td>
</tr>
<tr>
<td>Built-In Relay Outputs</td>
<td>4</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Remote Annunciator</td>
<td>LCD</td>
<td>LED</td>
<td></td>
</tr>
<tr>
<td>Auxiliary Power</td>
<td>1 amp</td>
<td>.5 amp</td>
<td>.5 amp</td>
</tr>
</tbody>
</table>

CONVENTIONAL MANUAL PULL STATIONS

Manual Pull Stations
PS-SATK Single Action Metal
PS-DATK Dual Action Metal
PS-SA Single Action Lexan
PS-DA Dual Action Lexan

PS-DASP Dual Action Spanish Language Lexan
PS-DAH Dual Action Hex Key Lexan
PS-DALOB Dual Action Listed Outdoor w/Back Box Lexan

Features
- Weatherproof model approved for outdoor use (PS-SATK and PS-DATK)
- Surface mount back boxes available
- Reset with the same keys as SK enclosures
VOICE EVACUATION SYSTEM

SKE-450 Voice Evacuation System
Silent Knight’s SKE-450 helps you meet compliance needs for areas of assembly where voice evacuation is required. The signature of the SKE-450 is its best-in-class 50-watt amplifier. It’s just the edge you need to be even more competitive in your bids. When it comes to value, the SKE-450 speaks volumes. Our free downloadable voice prompts give you unprecedented access to evacuation instruction messages. Simply download these professionally-recorded messages from our website and upload them to your system. No additional chips to buy! Plus, our SKE-450 works with any fire system, so compatibility is never an issue. A built-in digital message repeater, microphone, and power supply with battery charger round out this solid voice evac solution.

SKE-450 Features
- Speaker circuits are fully supervised, short-circuit and overload protected
- Speaker circuits are power limited
- Delivers clear voice messages even in noisy environments
- Easy dip switch programming
- Simple to install, program and operate
- 50-Watt Amplifier
- Built-In Digital Message Repeater
- Built-In Power Supply/Batt Charger
- Built-In Microphone
- Downloadable Voice Prompts

CONVENTIONAL POWER SUPPLIES

5499 and 5495 Distributed Power Supplies
This dynamic duo of NAC expanders packs quite a punch. Available with a whopping 9 or 6 amps of power, you can meet the needs of even the most power-hungry notification appliances. They also deliver built-in synchronization for appliances from System Sensor®, Wheelock, Gentex®, Faraday, and AMSECO. Their switch-mode design is up to 50% more efficient than competitive linear mode power supplies, and setup is simple with easy dip-switch programming. ADA retrofits are easier and less expensive, because these power supplies integrate into current systems without costly new components.

<table>
<thead>
<tr>
<th>Power Supply Features</th>
<th>5499</th>
<th>5495</th>
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<tbody>
<tr>
<td>Power Output</td>
<td>9A/24VDC</td>
<td>6A/24VDC</td>
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<tr>
<td>Number of Outputs</td>
<td>4 + Aux</td>
<td>4 + Aux</td>
</tr>
<tr>
<td>Maximum Output per CKT</td>
<td>3A</td>
<td>3A</td>
</tr>
<tr>
<td>Auxiliary Power Output</td>
<td>3A</td>
<td>3A</td>
</tr>
<tr>
<td>Ground Fault Detection</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Trouble Relay</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Standalone Operation</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>ANSI 3.41 (Temporal) Cadence</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Activation --&gt;&gt; Reverse Polarity/Contact</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Class A or B Operation</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

FIRE COMMUNICATORS

5104 Digital Fire Communicator
We know digital communication. And, with hundreds of thousands of our communicators worldwide, it shows. The popular six-channel 5104 provides fast, reliable communication as a stand-alone, or as an adjunct to another FACP. The 5104 is fully supervised. The 5104 programs easily from a 5230 remote touchpad or with the downloading package.

Features
- Use stand-alone or as adjunct communicator (Universal Digital Alarm Communicator Transmitter)
- Supervised notification circuit rated at .35A (not for evacuation purposes)
- Automatic self test every 24 hours with report sent to central station
- 6 supervised Input Channels
- Supervised Waterflow Bell Output
- 60 hours of stand-by power

IP Communicator
Use the IP Communicator to save money and decrease response time. Monitor your fire alarm systems over the internet by connecting the Silent Knight IP Communicator to any Silent Knight Fire Alarm Control Panel or dialer.
- Compatible with VisorALARM PLUS 2U IP Alarm Receiver
- SK-IP-2/2UD includes UL listed enclosure
- SK-IP-2/UD allows up/downloading (5820XL and 5808 only)
- Eliminates telephone lines for communication to central station
IntelliKnight 5820XL
Addressable Fire Alarm System with Silent Knight Devices
ADDRESSABLE FIRE ALARM CONTROL PANELS

IntelliKnight® Series
IntelliKnight addressable panels make set-up simple by automatically initializing detectors, continuously monitoring their operation, providing drift compensation, controlling detector sensitivity, and performing an NFPA 72-compliant sensitivity check. Our IntelliKnight Series is perfect for retrofits because it requires no special wiring and all three offer built-in synchronization for System Sensor®, Wheelock, Gentex®, Faraday, and AMSECO. The world’s most advanced built-in digital communicator and an arsenal of accessories round out IntelliKnight’s powerful options. Silent Knight gives you the capability to design an affordable, addressable system for any facility.

IntelliKnight 5820XL
- Supports Class B (Style 4) and Class A (Style 6 or 7) configuration for SLC
- Distributed, intelligent power
- Three Form C relays; One is trouble, and two are programmable rated at 2.5 amps at 24 VDC
- 6 FlexputTM Input/Output circuits
- Class A support for SBUS and Flexput circuits
- Compatible with Plex-1 Door Accessory
- Compatible with 5815XL Signal Line Circuit Expander

IntelliKnight 5808
- Supports Class B (Style 4) and Class A (Style 6 or 7) configuration for SLC
- Distributed, intelligent power
- Three Form C relays; One is trouble, and two are programmable rated at 2.5 amps at 24 VDC
- Class A support for SBUS
- Compatible with Plex-2 Door Accessory

IntelliKnight 5700
- Supports Class B (Style 4) and Class A (Style 6 or 7) configuration for SLC
- Distributed, intelligent power
- Three Form C relays; One is trouble, and two are programmable rated at 2.5 amps at 24 VDC
- 13 pre-programmed output cadences (including ANSI-3.41/Temporal), and 4 programmable outputs
- Notification circuits can be configured as 1 Class A (Style Z) or 2 Class B (Style Y), or auxiliary power for resettable, constant, or door holder power
- Compatible with DF-50 Dead Front Panel

ADDRESSABLE FIRE ALARM ACCESSORIES

Power Supplies, Detectors, Modules, Annunciators, Bases and More
Our IntelliKnight Series boasts a complete line of accessories that lets you bring unparalleled functionality and control to any job. IntelliKnight’s addressable power supplies, bases, detectors, modules and pull stations are all specifically engineered to ensure your installs and maintenance remain simple and economical. Combine these accessories with the IntelliKnight’s built-in digital communicator for the most powerful and easy-to-use addressable solution in the industry.

All of our accessories are compatible with all three of our addressable fire alarm control panels.

SK DEVICES
SK-PHOTO Photoelectric Detector
SK-PHOTO-T Photoelectric Thermal Detector
SK-ION Ionization Smoke Detector
SK-HEAT 135°F Fixed Temperature Detector
SK-HEAT-HT 190°F Fixed Temperature Detector
SK-HEAT-ROR 135°F Fixed Temperature Rate of Rise Detector
B200SR Sounder Base
B224BI Isolator Base
B224RB Relay Base
SK-ACCLIMATE Multi-Criteria Photoelectric Detector with Thermal Sensing
SK-DUCT Photoelectric Duct Detector
SK-BEAM Single-Ended Reflected Beam Smoke Detector
SK-BEAM-T Single-Ended Reflected Beam Smoke Detector
SK-MONITOR-2 Dual Monitor Module
SK-CONTROL Supervised Control Module
SK-CONTROL-6 Six Circuit Supervised Control Module
SK-RELAY Relay Control Module
SK-RELAY-6 Six Relay Control Module
SK-ZONE Zone Interface Module
SK-ZONE-6 Six Zone Interface Module
SK-MONITOR Monitor Module
SK-MON-10 Ten Input Monitor Module
SK-MINIMON Monitor Module
SK-ISO Fault Isolator Module

SD DEVICES
SD505-AHS Addressable Heat Detector
SD505-AIS Addressable Ionization Type Smoke Detector
SD505-APS Addressable Photoelectric Type Smoke Detector
SD505-6SB 6" Addressable Sounder Base
SD505-6RB 6" Addressable Relay Base
SD505-6IB 6" Isolator Base

ADDITIONAL SD DEVICES
The following are compatible with 5820XL, 5808, and 5700:
SD500-AIM Addressable Input Module
SD500-ANM Addressable Notification Module
SD500-ARM Addressable Relay Module
SD500-LED SLC Annunciator Driver Module
SD500-LIM Loop Isolation Module
SD500-MIM Mini-Input Module
SD500-PS/PSDA Single or Dual Action Addressable Pull Station
SD500-SDM Smoke Detector Module
SD505-4AB/SD505-6AB Four/Six-Inch Detector Base
SD505-DUCT Addressable Duct Housing
SD505-DUCTR Addressable Duct Detector with Built-In Relay
SD505-DTS Addressable Duct Detector Test Switch

SBUS DEVICES
5895XL Intelligent Power Module
5496 Addressable Power Supply
5883 Relay Interface Board
5865-3/5865-4 Remote LED Annunciator
5860/5860R Remote LCD Annunciator
5824 Serial/Parallel Module
5880 LED Input/Output Module
SK-FFT Fire Fighter Telephone System

Silent Knight Fire Fighter Telephone, is a 24 zone system expandable to 48 zones. It provides supervision and annunciation for local and remote telephone handsets. The FFT can be configured so that each fire fighter phone jack can be addressed or multiple jacks assigned to a single address providing you with the most flexibility for your system design.

The FFT is easy to install with one button programming of the entire fire fighter telephone system. It has the capacity to tackle larger jobs with up to 48 remote telephone jacks. The SK-FFT allows you to have up to 10 fire fighter remote handsets (FFT-RHS) plugged in at one time.

Features
- Single phone circuit to run for installation simplifies system design
- Large capacity addressable system provides flexibility to do large and small jobs
- FFT-HSC holds up to 10 remote handsets with system supporting up to ten handsets plugged in at one time
- One button programming saves you time and money
- Simple to read system LEDs help you locate trouble quickly
- The SK-FFT has its own SLC loop meaning no points are taken from the FACP

System Components
- SK-FFT Fire Fighter Telephone Control Panel
- FFT-24 24 Zone Expander
- FFT-RHS Remote Handset
- FFT-HSC Hand Set Cabinet. Holds up to 10 handsets
- FFT-FPJ Fire Phone Jack
- FFT-STSR Single Telephone Station Recess Mount. A lockable cabinet containing one remote handset
- FFT-STSS Single Telephone Station Surface Mount. A lockable cabinet containing one remote handset
- FFT-BGK Break Glass Kit. This is an option for the single Telephone station cabinets to enable entry by breaking a glass panel

<table>
<thead>
<tr>
<th>Addressable Features</th>
<th>5820XL</th>
<th>5808</th>
<th>5700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Addressable Points (max) Silent Knight</td>
<td>792</td>
<td>198</td>
<td>100</td>
</tr>
<tr>
<td>Addressable Points (max) Alternate</td>
<td>508</td>
<td>127</td>
<td>50</td>
</tr>
<tr>
<td>Notification Appliance Circuits</td>
<td>6 (exp. to 56)</td>
<td>4 (exp. to 36)</td>
<td>2 (exp. to 34)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>6A</td>
<td>6A</td>
<td>2.5A</td>
</tr>
<tr>
<td>Smoke Verification</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>ANSI 3.41 (Temporal) Cadence</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Up/Downloadable</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Built-In Digital Communicator</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Built-In Relay Outputs</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Remote Annunciator</td>
<td>LCD, LED</td>
<td>LCD, LED</td>
<td>LCD, LED</td>
</tr>
<tr>
<td>Built-In 80-Character LCD</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Alarm Reporting by Point or Zone</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>RS-485 Accessory Comm Bus</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Built-In Serial Interface to Program via PC</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>USB Programming Connector</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Non-Volatile, 1000-Event History Buffer</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Customizable Text Labels for Device &amp; Modules</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Water Deluge Releasing Service</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>
The 5600 is a 25-point single loop hybrid conventional-addressable fire alarm control/communicator system. It provides the revolutionary value and performance of addressable technology combined with exclusive, built-in communication that includes an easy to use interface.

With code wheel addressable detectors/modules and JumpStartTM feature, the 5600 can be Life Safety operational without a single programming tool. Powerful features such as drift compensation and maintenance alert are delivered in this Fire Alarm Control Panel from Silent Knight.

The 5600 features a powerful built-in dual line communicator that allows for reporting of system activity to a remote monitoring station. Version 2.XX supports both the cost-effective Honeywell Fire Systems detectors/modules and the equivalent SK device counterparts. This version also supports the optional 5635 remote annunciator.

**IntelliKnight 5600**
- Addressable technology that is as easy to use as a 5 zone conventional panel
- Code wheel addressable detectors/modules and JumpStart™ feature
- No programming tools required for basic panel operation
- Built-in digital communicator/dialer
- IP communicator compatible
- Point status meets calibrated smoke test requirements for NFPA 72
- Supports the cost-effective Honeywell Fire Systems (HFS) and SK device counterpart detectors and modules (Version 2.XX)
- Optional 5635 remote annunciator (Version 2.XX)

**HFS Devices and Modules**
- **HFS-P** Photoelectric Smoke Detector
- **HFS-PT** Photoelectric Smoke Detector with Thermal
- **HFS-D** Photoelectric Duct Smoke Detector
- **HFS-T** Fixed Temperature Thermal Detector
- **HFS-MM** Mini Monitor Module
- **HFS-MR** Addressable Relay Module
- **SK-Pull-DA/SA** Addressable Pull Stations

**Modules and Detectors**

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<thead>
<tr>
<th>Modules and Detectors</th>
<th>Descriptions</th>
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</thead>
<tbody>
<tr>
<td>SK-PHOTO or HFS-P</td>
<td>Photoelectric Smoke Detector</td>
</tr>
<tr>
<td>SK-PHOTO-T or HFS-PT</td>
<td>Photoelectric Smoke &amp; Thermal Detector</td>
</tr>
<tr>
<td>SK-HEAT or HFS-T</td>
<td>Thermal Detector</td>
</tr>
<tr>
<td>SK-RELAY or HFS-MR</td>
<td>Addressable Relay Module</td>
</tr>
<tr>
<td>SK-MINIMON or HFS-MM</td>
<td>Addressable Mini Monitor Module</td>
</tr>
<tr>
<td>SK-DUCT or HFS-D</td>
<td>Addressable Duct Detector with Photoelectric Smoke</td>
</tr>
<tr>
<td>SK-DUCT-R or HFS-DPR</td>
<td>Replacement Photoelectric Smoke for Duct Detector</td>
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</tbody>
</table>

**Central Station Reporting**
- Bells, Horns, Strobes and NACs

**Optional 5635 Remote Annunciator**