



SYSTEMS CATALOGUE

Hochiki Offices Around The World



HOCHIKI CORPORATION
E: overseas@hochiki.co.jp
www.hochiki.com

HOCHIKI AMERICA CORPORATION
E: sales@hochiki.com
www.hochiki.com

HOCHIKI MEXICO
E: jbravo@hochiki.com
www.hochikimexico.com

HOCHIKI EUROPE (UK) LTD
E: info@hochikieurope.com
www.hochikieurope.com

HOCHIKI ITALIA
E: info@hochiki.it
www.hochiki.it

HOCHIKI MIDDLE EAST FZE
E: sales@hochiki.ae
www.hochiki.ae

HOCHIKI EUROPE — INDIA BRANCH OFFICE
E: info@hochiki.in
www.hochiki.in

HOCHIKI THAILAND
E: info@hochiki.co.th
www.hochikiasiapacific.com

HOCHIKI ASIA PACIFIC PTE LTD
E: sales@hochikiasiapacific.com
www.hochikiasiapacific.com

HOCHIKI HO CHI MINH REPRESENTATIVE OFFICE
E: sales@hochikiasiapacific.com
www.hochikiasiapacific.com

Hochiki Manila Representative Office
E: sales@hochikiasiapacific.com
www.hochikiasiapacific.com

HOCHIKI CORPORATION — TAIWAN BRANCH OFFICE
E: htr@hochiki.com.tw
www.hochiki.com.tw

HOCHIKI JAKARTA REPRESENTATIVE OFFICE
E: sales@hochikiasiapacific.com
www.hochikiasiapacific.com

HOCHIKI AUSTRALIA
E: sales@hochikiaustralia.com
www.hochikiaustralia.com

Hochiki Middle East FZE

C-205, HQ BUILDING,
DUBAI SILICON OASIS,
PO BOX 341415,
DUBAI
UAE

Useful Contact Numbers

General Manager
Office: +971 4 372 4130
Mobile: +971 54 586 0591

Head of Sales
Office: +971 4 372 4130
Mobile: +971 56 114 6075

Finance Manager
Office: +971 4 372 4130
Mobile: +971 56 114 6914

Asst. Manager Supply Chain
Office: +971 4 372 4130

Senior Sales Manager
Office: +971 4 372 4130
Mobile: +971 56 114 6064

Regional Sales Manager
Office: +971 4 372 4130
Mobile: +971 50 593 8408

Technical Engineer
Office: +971 4 372 4130
Mobile: +971 56 114 6912

Technical Sales Engineer
Office: +971 4 372 4130
Mobile: +971 56 680 5104

Office Administrator
Office: +971 4 372 4130

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Introduction

Established in 1918, Hochiki is one of the world's leading manufacturers of commercial and industrial fire detection solutions. With a heritage of innovative design and leading-edge technologies, Hochiki's products have acquired global acceptance as the benchmark for high-integrity and long term reliability.

Coverage, Regional Commitment

Hochiki is a wholly independent, multinational, publicly listed group of companies with over 2,000 employees working across six manufacturing plants, 38 sales offices and 14 subsidiaries.

Hochiki invests in manufacturing innovation on a continual basis to ensure customer satisfaction, and production facilities in Japan, the United States of America and Europe ensure international continuity of quality, service and supply.

These regional centres design and manufacture products and provide technical support suited to local standards and customer requirements.

Total commitment to meeting the needs of individual national markets has reinforced the company's global reputation, resulting in Hochiki products being installed in many prestigious sites and in over 80 countries worldwide.

Hochiki's vision is to provide products to the highest levels of quality and reliability. Complying with industry standards, the ultimate quality of Hochiki's comprehensive range of products virtually eliminates false alarms and, combined with ease of installation, offers the greatest reliability with the lowest total cost of ownership possible in a modern life safety system.

Compliance with standards

Working closely with all major approval bodies across the world, Hochiki fire detection and emergency lighting products fully conform with all of the latest standards and regulations.

Manufacturing plants are accredited to ISO 9001:2015 the highest and most recognized standard in the industry.



97%

of customers surveyed agree that Hochiki design and manufacture high quality and robust products.



95%

of customers surveyed are happy with our team's product knowledge.



93%

of customers surveyed are satisfied with Hochiki's understanding of their needs.

The History of The Hochiki Group of Companies

The history of Hochiki dates back to 1918, with the formation of the Hochiki Group of Companies. Significant events in Hochiki's history are dated up to present day:

1918	Hochiki Corporation was established in Tokyo, Japan as Japan's first manufacturer of fire alarm equipment.	1992	Hochiki America established APA Technology, Inc., a subsidiary of Hochiki America and Hochiki Corporation.
1920	The world's first addressable fire alarm system was installed in Japan by Hochiki Corporation.	1994	Hochiki America obtained ISO 9002 certification.
1951	The production of the 'Rate-of-Rise' heat detectors.	1995	Hochiki Corporation opened one of the world's largest fire testing facilities in Miyagi, Japan; Hochiki Singapore Branch Office was established.
1967	The Ionization Smoke Detector was developed.	1998	APA Technology Inc. merged with Hochiki America.
1972	Hochiki America Corporation subsidiary was established; Hochiki Research Laboratory in Tokyo, Japan was established; Hochiki Ionization Smoke Detector was approved by Underwriters' Laboratories, Inc.	1999	Hochiki America moved to a larger facility in Buena Park, CA.
1973	Intrinsically Safe Fire Alarms System was developed.	2001	The Beijing, China representative office was established.
1977	Hochiki America moved its facility from Hawaiian Gardens, CA to Huntington Beach, CA.	2002	Hochiki America introduced its first 'UL' approved analogue addressable fire alarm control panel – the FireNet.
1984	Hochiki America began manufacturing detector bases.	2006	The Hochiki Fire Prevention Technology Corporation was established in Beijing, China; Hochiki America acquired UL 864 9th Edition listing for FireNet.
1986	The current analogue addressable fire protocol was developed – Digital Communication Protocol (DCP).	2007	Hochiki America begins production of new models, ALK-V and SLV-24
1988	Hochiki America began operation as a manufacturing facility with additional production lines of smoke detector and bases being transitioned over to the United States from Japan.	2012	Hochiki America celebrated its 40th anniversary; Hochiki Corporation Japan acquired Kentec Electronics Ltd.; Hochiki America acquired VES, LLC, a subsidiary of Kentec Electronics Ltd.
1991	Hochiki Europe (UK) Ltd. was established in Kent, United Kingdom.	2018	Hochiki Celebrates 100 Year Anniversary.

INTELLIGENT ADDRESSABLE PANELS





The all new Latitude product range of fire alarm control equipment combines the very latest hardware and software to produce a control and indication system, which is powerful and sophisticated, yet simple to use and understand. The flexibility of the Latitude platform is such that it can be re-configured to realize many other control and indication applications, with direct integration into intelligent buildings.

Moving away from the simple, price driven competitive model used by most manufacturers today, the Latitude concept is designed to add value to system designers, integrators, service providers, and end users. Developed from the “ground up” and using some of the most advanced technology available, Latitude is designed as one of the most powerful, intelligent, and technically robust fire alarm products available.

Single Aperture / Double Aperture



2 to 8 loop or
2 to 16 loop
versions



- ▶ UL Listed (10th Edition) and FM Approved
- ▶ 2-8 Loop enclosures available: standard or deep
- ▶ 2-16 Loop enclosures available: M6 or deep M6
- ▶ 500 mA loop current
- ▶ 400 sub-address points per loop (800 per loop module)
- ▶ 4 programmable NACs; Class B or 2 Class A
- ▶ Multiple internal NAC synchronization protocols
- ▶ 5.25 A or 10.25 A power supply options
- ▶ 3 programmable inputs and 5 programmable relay outputs
- ▶ 7 inch, full-colour resistive touch screen with intuitive user interface
- ▶ Up to 24 programmable soft “function keys”
- ▶ Up to 64 user login accounts

- ▶ Enable key-switch
- ▶ Positive alarm sequence
- ▶ Pre-signal
- ▶ Alarm verification
- ▶ Drift compensation
- ▶ Hard-wired fire and trouble routing inputs and outputs
- ▶ Modular and expandable electronics
- ▶ Option to “invert” inputs and outputs
- ▶ 5,000 programmable cause and effects
- ▶ Over 50,000 inputs and outputs
- ▶ Can be networked with programmable functionality
- ▶ Programming via USB or PC.

Latitude Network Vision Annunciator



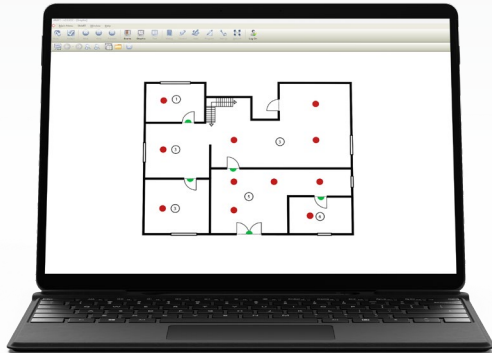
The FireNET Latitude Network Vision Annunciator is the most qualified annunciator on the market. It is a full-colour graphical display and touch screen and represents the most versatile annunciator for life safety systems available today.

The annunciator is a full-function fire alarm repeater that is configurable and application-flexible for use in a variety of applications, such as hospital nursing stations and elevator alarms.



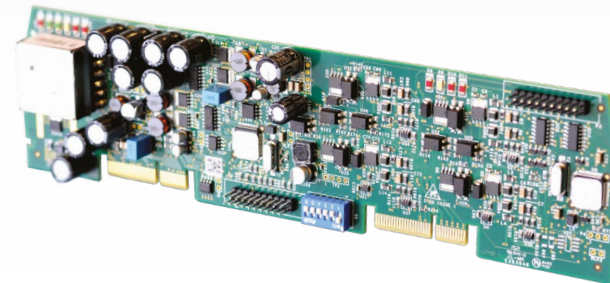
- ▶ Full color 7" (178mm), 800 x 480 pixel interface
- ▶ Replicates information displayed at the FACP
- ▶ Automatic display brightness adjustment
- ▶ Internal buzzer
- ▶ Connects via control panel network terminals
- ▶ Low current, 24 VDC powered
- ▶ Configurable functionality
- ▶ Enable key-switch
- ▶ Sheet steel enclosure
- ▶ Surface or semi-flush enclosure options available.

AMX Graphics Software



- ▶ Versatile graphical software for Hochiki fire alarm systems
- ▶ Provides full control of the fire system
- ▶ Interactive graphics for user control
- ▶ Create custom control buttons
- ▶ Supports .bmp or .jpg map images
- ▶ Configurable event priority
- ▶ Extensive history archive
- ▶ Up to 2,000 users with unique profiles
- ▶ Context-sensitive help menu
- ▶ Day, night, and holiday schedules
- ▶ Multiple graphics per event and zoom in/out
- ▶ Selectable sound for each event type
- ▶ Text instructions provided with each event.

Dual SLC Panel Module - S758

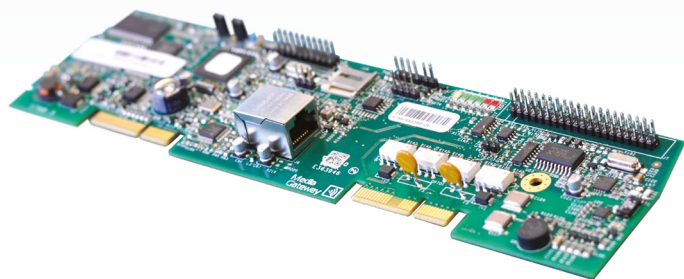


The dual loop panel module monitors loop device status and provides status to the panel processor.

It holds device configurations and operates in a standalone manner when catastrophic failures occur.

The dual loop panel modules can be connected in any available slot (C-K) on the main back board to provide this operating function. Each dual loop panel module can support Hochiki protocols.

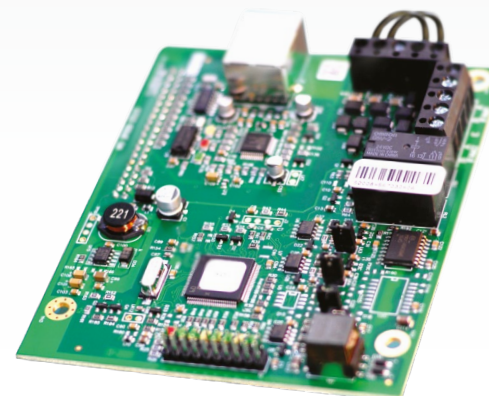
Media Gateway Panel Module - S788



The Media Gateway™ is a communication panel module for the Latitude fire alarm control panel. The Media Gateway panel module provides connectivity to a remote monitoring centre via Sur-Gard Fibro ordial-up. SIA is the recommended format for usage, but Contact ID is also supported. Transmission can be made through one or two telephone lines, and/or IP through Ethernet.

Standard reporting codes have been pre-defined, although the user may customize these codes through the Loop Explorer 2 programming application. The Media Gateway can provide connectivity to third-party networks (please consult a Hochiki applications engineer for further information).

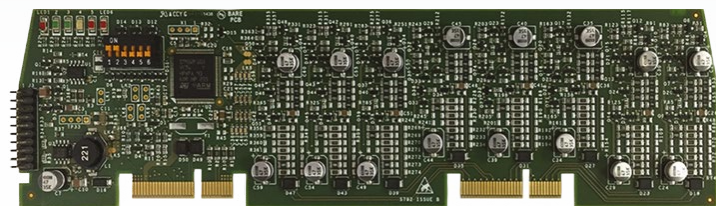
Network Card - S723



The Latitude Network module provides enhanced high-speed communication for networking up to a maximum of 127 fire control panels / annunciators.

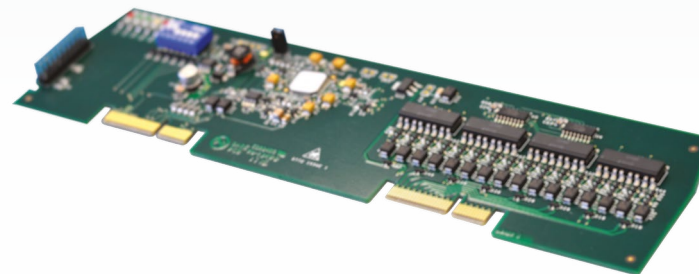
Latitude fire alarm control panel and annunciators can receive events from other panels in the network. The Class X networking used in conjunction with the Latitude network module provides tolerance against open and short circuit troubles.

8 Channel Conventional Zone Panel Module - S792



The 8 channel conventional zone panel module has eight supervised detection circuits (Class B). Each circuit can support up to 20 conventional detectors and approved devices. Individual circuits may be configured for trigger resistor or short circuit activation. These circuits may be used for any of the standard input actions and can be configured to contribute to cause and effect logic. Each pair of circuits (e.g., 1 and 2, 3 and 4, etc.) can be joined to form a single Class A configuration.

16 Channel I/O Panel Module - S772

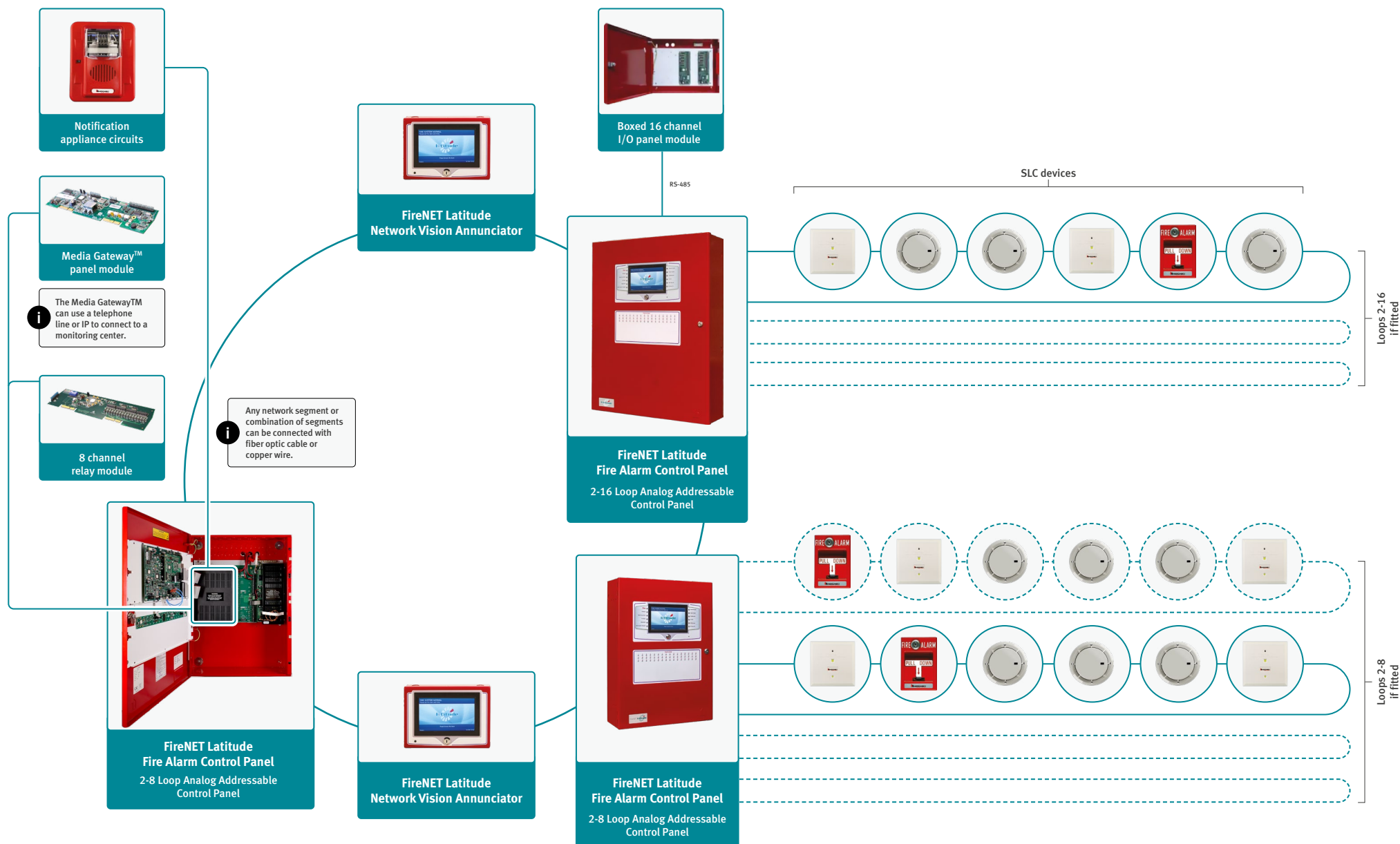


The 16 Channel I/O Interface enhances the versatility of the alarm system by providing additional input and output capabilities to the Latitude fire alarm control panel. Inputs or outputs can be selected up to 16 individual channels.

All inputs and outputs are configured in the same way as devices connected to addressable loops of the panel. The 16 Channel I/O Interface can be configured to contribute or act upon cause and effect logic.

Input points of this device are not supervised and therefore shall not be used for life safety initiation within a UL Listed system.

Network Schematic





FireNET^{Plus}®

The FireNET Plus 1127 series control panel is an intelligent addressable fire alarm panel with options containing 1 or 2 SLC loops.

The panel supports any combination of addressable devices, up to 127 per signalling line circuit, including thermal and photoelectric smoke detectors/sensors, and monitoring and control modules.

The Loop Explorer Windows-based software interface provides the installer with fingertip access to installation programming and diagnostic tools.

FireNET Plus

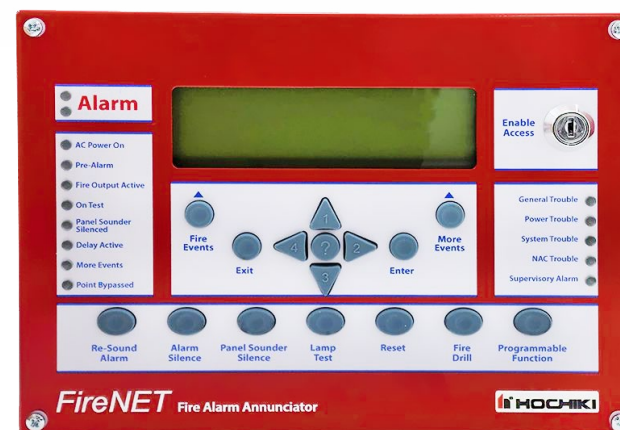
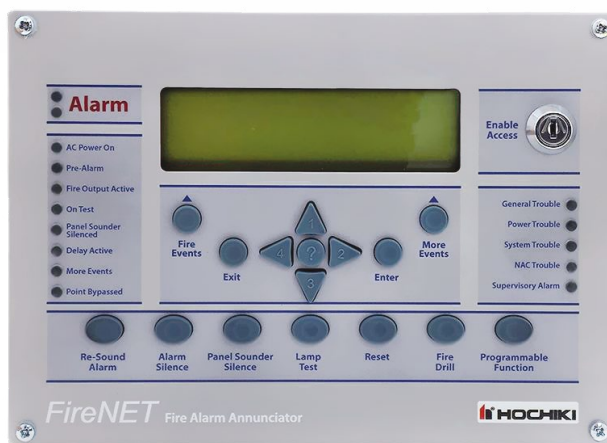
Addressable Fire Alarm Control Panels



1 or 2
loop versions

- ▶ UL 864 9th Edition Listed
- ▶ Multi-loop (1-2) analogue-addressable
- ▶ 127 addressable points per SLC loop
- ▶ Up to 500 cause & effect input to output programming commands with AND, OR or COINCIDENCE logic operators
- ▶ Built-in help & alarm information screens
- ▶ Up to 5,000 ft. wire length per SLC loop
- ▶ Network-able up to 64 panels
- ▶ Configurable through keypad
- ▶ 3 programmable form C relays rated 1 Amp at 30 VDC
- ▶ 2 programmable notification appliance circuits with built-in strobe sync protocols (Gentex, System Sensor, Wheelock, Amseco)
- ▶ Power per NAC: 2.3 Amps Max.
- ▶ Switchable 120/240 VAC 50/60 Hz power supply
- ▶ Programmable input and output modules on SLC loop
- ▶ Programmable function button
- ▶ Fire drill button
- ▶ Day and night sensitivity settings
- ▶ Power supply: 5.25 Amp, regulated & integrated
- ▶ (2) 360mA auxiliary power available rated at 24VDC
- ▶ LCD display: 8×40" (203 mm × 1,016 mm), 320 character
- ▶ Programmable NAC cadence patterns: temporal, continuous or march and auxiliary power options
- ▶ Continuous reset-able or door holder power
- ▶ Listed for up to 60 Ah batteries (up to 18 Ah in standard enclosure)
- ▶ One man walk test – fire test mode
- ▶ Available color(s): red or grey.

Serial Annunciators



- ▶ UL 864 9th Edition Listed
- ▶ Large 320-character liquid crystal display (8-line x 40 character) allows viewing of system status
- ▶ LED indicators for Fire, Supervisory Alarm, Pre-Alarm, Fire Output Active, Ac Power On, On Test, Panel Sounder Silenced, Delay Active, More Events, Point Bypassed, General Trouble, Power Trouble, System Trouble & Nac Trouble
- ▶ Same controls as the FireNET fire panel (Reset, Panel Sounder Silence, Lamp Test, Alarm Silence, Re-Sound Alarm, Fire Drill, Programmable Function, More Events, More Fire Events, Enter & Exit) Up to 15 FN-LCD-S serial annunciators may be connected to a FireNET Plus control panel.

INTELLIGENT ADDRESSABLE DETECTORS



ACE-V

Multi-Criteria Photoelectric Smoke/Heat Sensor



- ▶ UL 268 7th Edition Listed
- ▶ New design featuring wide viewing angle indicators for enhanced visibility and performance
- ▶ Advanced multi-criteria smoke detection
- ▶ Designed to resist unwanted alarms from cooking and other nuisance alarm sources
- ▶ Simple and reliable device addressing
- ▶ Automatic compensation for detector contamination
- ▶ Uses the noise-immune Digital Communication Protocol (DCP), which utilizes interrupts for fast response to fires.

ALO-V

Intelligent Analog Photoelectric Smoke Detector



- ▶ UL 268 7th Edition Listed
- ▶ Low profile, 1.68" (43 mm) tall
- ▶ False alarm resistant
- ▶ Non-directional smoke chamber
- ▶ Advanced multi-criteria smoke detection
- ▶ Optical particulate identification sensor
- ▶ Early fire smoke detection
- ▶ Low standby current 400 uA
- ▶ 360° view of detector status LED.

ATJ-EA

Fixed Temp/Rate Of Rise Heat Sensor



- ▶ Low profile — only 2.00" (51 mm) high, including base
- ▶ Simple and reliable device addressing
- ▶ Uses the noise-immune Digital Communication Protocol (DCP), which utilizes interrupts for fast response to fires
- ▶ Two built-in power/alarm LEDs
- ▶ Programmable non-polling LEDs
- ▶ Rate of rise temperature threshold = 15°F/min
- ▶ Adjustable threshold temperature = 135°F–190°F (UL)
- ▶ Adjustable threshold temperature = 32°F–190°F (actual)
- ▶ UL maximum spacing of 70 feet (2,134cm)
- ▶ Vandal resistant security locking feature.

DH-100-A

Addressable Duct Smoke Detector



- ▶ Detects and limits the spread of smoke throughout building HVAC ducts
- ▶ Compatible with building automation and fire alarm systems
- ▶ No screens or filters to clean
- ▶ Remote LED alarm indication capability.

AP7

Device Address Programmer



The AP7 hand-held programmer is designed for use with all analogue sensors and modules.

- ▶ Lightweight design
- ▶ Quick and reliable addressing
- ▶ Over 8,000 address settings from one battery
- ▶ Displays sensor analogue value
- ▶ Ability to disable polling of sensors.

HSB-NSA-67

Addressable Sensor Base



- ▶ UL & ULC Listed
- ▶ 2-wire loop connection
- ▶ Designed for use with all addressable sensors
- ▶ Plastic tamper lock feature
- ▶ Rugged design with screw terminals for wiring connections
- ▶ Optional remote LED wiring configuration available.

YBN-NSA-47

Addressable Sensor Base



- ▶ UL & ULC Listed
- ▶ 2-wire loop connection
- ▶ Designed for use with all addressable sensors
- ▶ Plastic tamper lock feature
- ▶ Rugged design with screw terminals for wiring connections
- ▶ Optional remote LED wiring configuration available.

ASB7

Addressable Sounder Base



- ▶ UL 269 and UL 464 Listed
- ▶ Programmable evacuation codes-Continuous, Temporal Code 3 and March Code
- ▶ Separate addresses range (128-254) for easy Cause and Effect programming
- ▶ Uses the noise-immune Digital Communication Protocol (DCP), which utilizes interrupts for fast response to fires
- ▶ Programmable activation by general alarm, by zone and/or by individual address
- ▶ Up to 127 sensors and 127 ASB's can be on one SLC loop
- ▶ High sound pressure level (85 dB SPL at 10 feet / 305cm)
- ▶ Programmable activation by general alarm, by zone and/or by individual address.

ASBL7

Addressable Sounder Base - Low Frequency



- ▶ UL 269 and UL 464 Listed
- ▶ 520 Hz low frequency sounder
- ▶ Programmable evacuation codes-continuous, temporal code 3 and march code
- ▶ Separate addresses range (128-254) for easy cause and effect programming
- ▶ Uses the noise-immune Digital Communication Protocol (DCP), which utilizes interrupts for fast response to fires
- ▶ Programmable activation by general alarm, by zone and/or by individual address
- ▶ Up to 127 sensors and 127 ASBs can be on one SLC loop
- ▶ Programmable activation by general alarm, by zone and/or by individual address.

MODULES



FRCM SERIES

Fast Response Contact Module



- Provides a Class A or Class B supervised input
- UL 864 9th Edition Listed
- Uses the noise-immune Digital Communication Protocol (DCP), which utilizes interrupts for fast response to fires
- Up to 127 modules can be placed on a single SLC loop
- Bi-colored indicating LED provides module status
- Yellow LED indicates a short circuit condition (FRCMA-I version)
- Can be programmed to monitor Normally Open (NO) or Normally Closed (NC) contacts
- Accepts up to 14 AWG wire
- Programmable activation by general alarm, by zone and/or by individual address.

DIMM

Dual Input Monitor Module



- Provides two Class B supervised inputs monitoring points, only uses one SLC address
- UL 864 9th Edition Listed
- Uses the noise-immune Digital Communication Protocol (DCP), which utilizes interrupts for fast response to fires
- Up to 127 modules can be placed on a single SLC loop
- Bi-colored indicating LED provides module status
- Can be programmed to monitor Normally Open (NO) or Normally Closed (NC) contacts
- Accepts up to 14 AWG wire
- Programmable evacuation codes-continuous, temporal code 3 and march code
- Programmable activation by general alarm, by zone and/or by individual address.

SOM-A

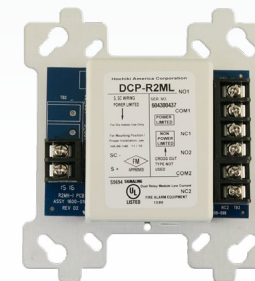
Supervised Output Module



- Provides a Class A or Class B Supervised output circuit rated for 2A at 24 VDC
- UL 864 9th Edition Listed
- Uses the noise-immune Digital Communication Protocol (DCP), which utilizes interrupts for fast response to fires
- Up to 127 modules can be placed on a single SLC loop
- Bi-colored indicating LED provides module status
- Flexible application
- Accepts up to 14 AWG wire
- Programmable evacuation codes-continuous, temporal code 3 and march code
- Programmable activation by general alarm, by zone and/or by individual address.

R2M SERIES

Dual Relay Module



- Provides two independently configurable form C relay contacts, using one SLC address
- UL 864 9th Edition Listed
- Uses the noise-immune Digital Communication Protocol (DCP), which utilizes interrupts for fast response to fires
- Up to 127 modules can be placed on a single SLC loop
- Bi-colored indicating LED provides module status is software controlled and can be programmed to blink red or green when polled
- Accepts up to 14 AWG wire
- Programmable activation by general alarm, by zone and/or by individual address.

* The products are shown with the cover removed.

DCP-AMS-KL

Intelligent Addressable
Manual Pull Station



- ▶ Single action (pull)
- ▶ Addressable integrated design
- ▶ All metal construction
- ▶ Extremely easy to operate
- ▶ Bi-colored status LED indicates standby and alarm conditions
- ▶ Enclosed switch with glass rod (included)
- ▶ Terminals accept up to 14 AWG wire
- ▶ Surface mount back box available
- ▶ ADA compliant
- ▶ Key lock for reset using standard CAT 30 key.

DCP-AMS-KL-LP

Intelligent Addressable
Manual Pull Station



- ▶ Dual action (lift & pull)
- ▶ Addressable integrated design
- ▶ All metal construction
- ▶ Extremely easy to operate
- ▶ Bi-colored status LED indicates standby and alarm conditions
- ▶ Enclosed switch with glass rod (included)
- ▶ Terminals accept up to 14 AWG wire
- ▶ Surface mount back box available
- ▶ Key lock for reset using standard CAT 30 key.

DCP-AMS

Intelligent Addressable
Manual Pull Station



- ▶ Single action (pull)
- ▶ Addressable integrated design
- ▶ All metal construction
- ▶ Extremely easy to operate
- ▶ Bi-colored status LED indicates standby and alarm conditions
- ▶ Enclosed switch with glass rod (included)
- ▶ Terminals accept up to 14 AWG wire
- ▶ Surface mount back box available
- ▶ ADA compliant (except LP models).

DCP-AMS-LP

Intelligent Addressable
Manual Pull Station

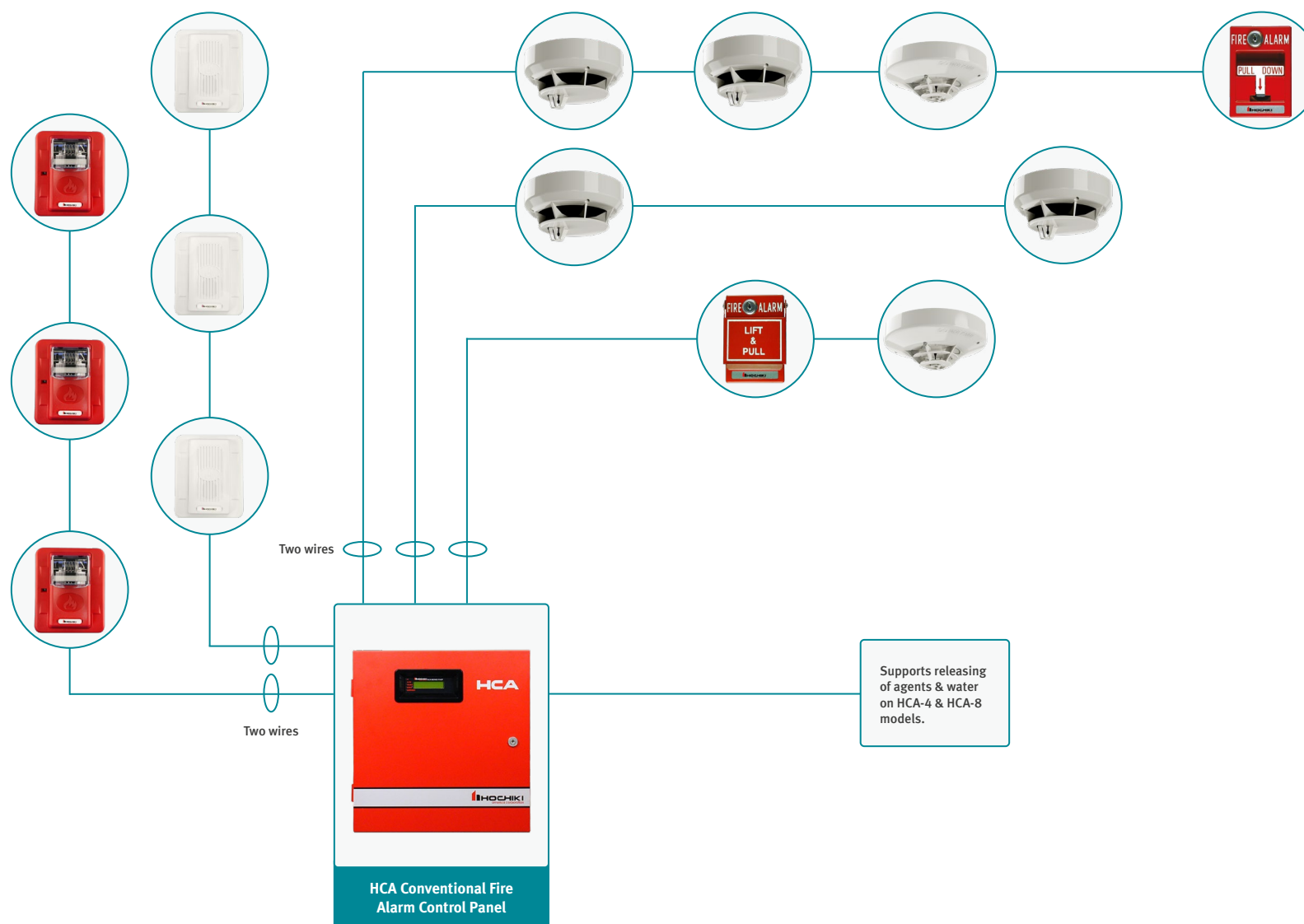


- ▶ Dual action (lift & pull)
- ▶ Addressable integrated design
- ▶ All metal construction
- ▶ Extremely easy to operate
- ▶ Bi-colored status LED indicates Standby and
- ▶ Alarm conditions
- ▶ Enclosed switch with glass rod (included)
- ▶ Terminals accept up to 14 AWG wire
- ▶ Surface mount back box available.

CONVENTIONAL FIRE ALARM



Network Schematic



HCA

Conventional Fire Alarm Control Panel



- ▶ UL864 9th Edition / NFPA compliant
- ▶ Fully programmable using simple menu options
- ▶ Simple, single board construction
- ▶ Installer-friendly and supports flush or surface mount without a separate trim ring
- ▶ Built-in two-line (16 characters for each line) LCD provides easy to read information
- ▶ 15 Key control buttons for easy programming, reset and silencing.
- ▶ Real time clock
- ▶ Event history log (256 events) with date/time stamp, which can be viewed from LCD
- ▶ Compatible with wide range of detection devices
- ▶ 4 programmable supervised NAC outputs
- ▶ 6.5 Amp power supply
- ▶ Switchable 120/240VAC 50/60 Hz power supply
- ▶ 5 programmable output patterns for NAC circuits
- ▶ Gentex sync protocol built-in
- ▶ Built-in dialer for HCA-2D, HCA-4D and HCA-8D only
- ▶ Supports releasing of agents & water on HCA-4 & HCA-8 models
- ▶ Three programmable general purpose relays
- ▶ Dedicated alarm and trouble relays
- ▶ Built-in Walk Test feature
- ▶ Panel dimension: 14.57" (370 mm) wide × 15.47" (393 mm) high × 4.41" (112 mm) deep
- ▶ Supports up to two 12V, 18Ah backup batteries
- ▶ Supports one remote annunciator via RS-485.

HCVX

Conventional Fire Alarm Control Panel



- ▶ UL 864 approved
- ▶ Two, four, or eight initiating circuits
- ▶ Initiating circuits individually configurable as fire or supervisory
- ▶ Two 2.5 A notification appliance circuits
- ▶ 4.0 Amps total NAC power available
- ▶ Selectable NAC sync protocols
- ▶ 5 Amp power supply
- ▶ Alarm verification selectable by zone
- ▶ Resettable AUX power output rated at 0.3 A
- ▶ Fire condition
- ▶ Fire, trouble and supervisory relays
- ▶ Single person walk test function
- ▶ Many advanced configuration options
- ▶ 24-hour standby with 7 Ah batteries
- ▶ Maximum battery size 12 Ah.

SOE-24V

Conventional Photoelectric Smoke Detector



- ▶ UL 268 7th Edition Listed
- ▶ High signal-to-noise ratio and sensitivity stability effective in a wide range of environmental conditions
- ▶ Wide viewing angle alarm indicators
- ▶ Automatic drift compensation and maintenance indication
- ▶ Built-in magnetic test feature
- ▶ Break-away, hidden locking feature for use with NS bases
- ▶ Optimized reduction to false alarms and enhanced reaction time to real fires.

SOE-24H

Conventional Photoelectric Smoke/Heat Detector



- ▶ UL 268 7th Edition Listed
- ▶ Detects 20°F/minute rate of temperature rise or 135°F which ever occurs first
- ▶ High signal-to-noise ratio and sensitivity stability effective in a wide range of environmental conditions
- ▶ Wide viewing angle alarm indicators
- ▶ Automatic drift compensation and maintenance indication
- ▶ Built-in magnetic test feature
- ▶ Break-away, hidden locking feature for use with NS bases
- ▶ Optimized reduction to false alarms and enhanced reaction time to real fires.

DCD-135/190

Fixed Temperature And Rate Of Rise Heat Detector



- ▶ UL Listed, FM Approved, CSFM Approved
- ▶ Available models: 135°F fixed temperature/rate of rise (DCD-135) or 190°F fixed temperature/rate of rise (DCD-190)
- ▶ UL Listed spacing up to 60 feet by 60 feet
- ▶ 2 or 4 wire base compatibility, relay bases available
- ▶ Highly stable operation, RF/transient protection (reduces false alarms)
- ▶ Two built-in power/alarm LEDs confirm detector status (360° viewing)
- ▶ Compatible with all Hochiki America conventional bases.

DFE-135/190

Fixed Temperature And Rate Of Rise Heat Detector



- ▶ UL Listed, FM Approved, CSFM Approved
- ▶ Available models: 135°F fixed temperature/rate of rise (DCD-135) or 190°F fixed temperature/rate of rise (DCD-190)
- ▶ UL Listed spacing up to 60 feet by 60 feet
- ▶ 2 or 4 wire base compatibility, relay bases available
- ▶ Highly stable operation, RF/transient protection (reduces false alarms)
- ▶ Two built-in power/alarm LEDs confirm detector status (360° viewing)
- ▶ Compatible with all Hochiki America conventional bases.

DH-100-P

Conventional Duct Smoke Detector



- ▶ Detects and limits the spread of smoke throughout building HVAC ducts
- ▶ Compatible with building automation and fire alarm systems
- ▶ Installs quickly and easily
- ▶ No screens or filters to clean
- ▶ Rugged grey steel back box with clear cover
- ▶ Accessories — remote LED alarm and horn indication
- ▶ Capability and test switch.

HPS-SAK

Manual Non-Coded Pull Station



- ▶ Single action (pull)
- ▶ UL Listed, CSFM Listed
- ▶ All metal construction
- ▶ Extremely easy to operate
- ▶ Enclosed switch with glass rod (included)
- ▶ 10 Amps at 120 VAC
- ▶ Available in Spanish (HPS-DAH/S).

HPS-DAK

Manual Non-Coded Pull Station



- ▶ Dual action (lift & pull)
- ▶ UL Listed, CSFM Listed
- ▶ All metal construction
- ▶ Extremely easy to operate
- ▶ Enclosed switch with glass rod (included)
- ▶ 10 Amps at 120 VAC
- ▶ Available in Spanish (HPS-DAH/S).

HPS-SAK-EX/WP

Explosion Proof / Weatherproof
Manual Pull Station



- ▶ Single action (pull)
- ▶ UL Listed, CSFM Listed
- ▶ Compatible with all Hochiki control panels
- ▶ All metal construction
- ▶ Rated class I group B (hydrogen) C&D, class II groups E, F, G, class III, 4X outdoor
- ▶ Weatherproof
- ▶ Corrosion-resistant construction
- ▶ Latching alarm levers
- ▶ Key-locked reset
- ▶ Optional glass break rod.

HPS-SAH-WP

Weatherproof Manual
Pull Station



- ▶ Single action (pull)
- ▶ 10A, 120 VAC contacts
- ▶ Rugged die-cast aluminium housing
- ▶ Neoprene sealing gasket
- ▶ Corrosion-resistant construction
- ▶ Latching pull-down lever
- ▶ Screw terminal connections.

HPS-DAK-WP

Weatherproof Manual
Pull Station



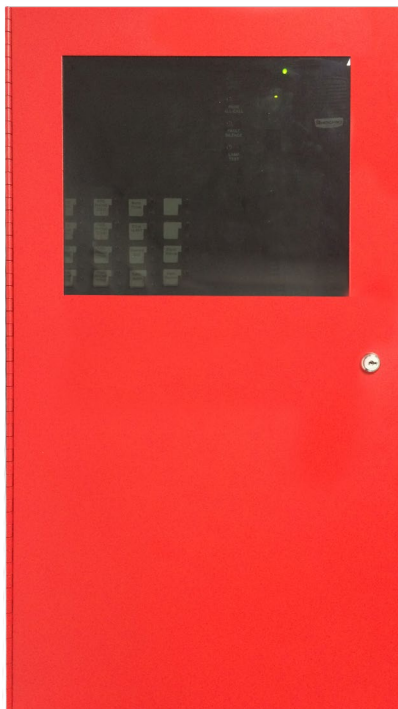
- ▶ Dual action (lift & pull)
- ▶ 10 A, 120 VAC contacts
- ▶ Rugged die-cast aluminum housing and backbox
- ▶ Neoprene sealing gasket
- ▶ Corrosion-resistant construction
- ▶ KEY reset
- ▶ Lift and Latching pull-down lever
- ▶ Enclosed switch with glass rod (included)
- ▶ Screw terminal connection.

VOICE EVACUATION AND TELEPHONE



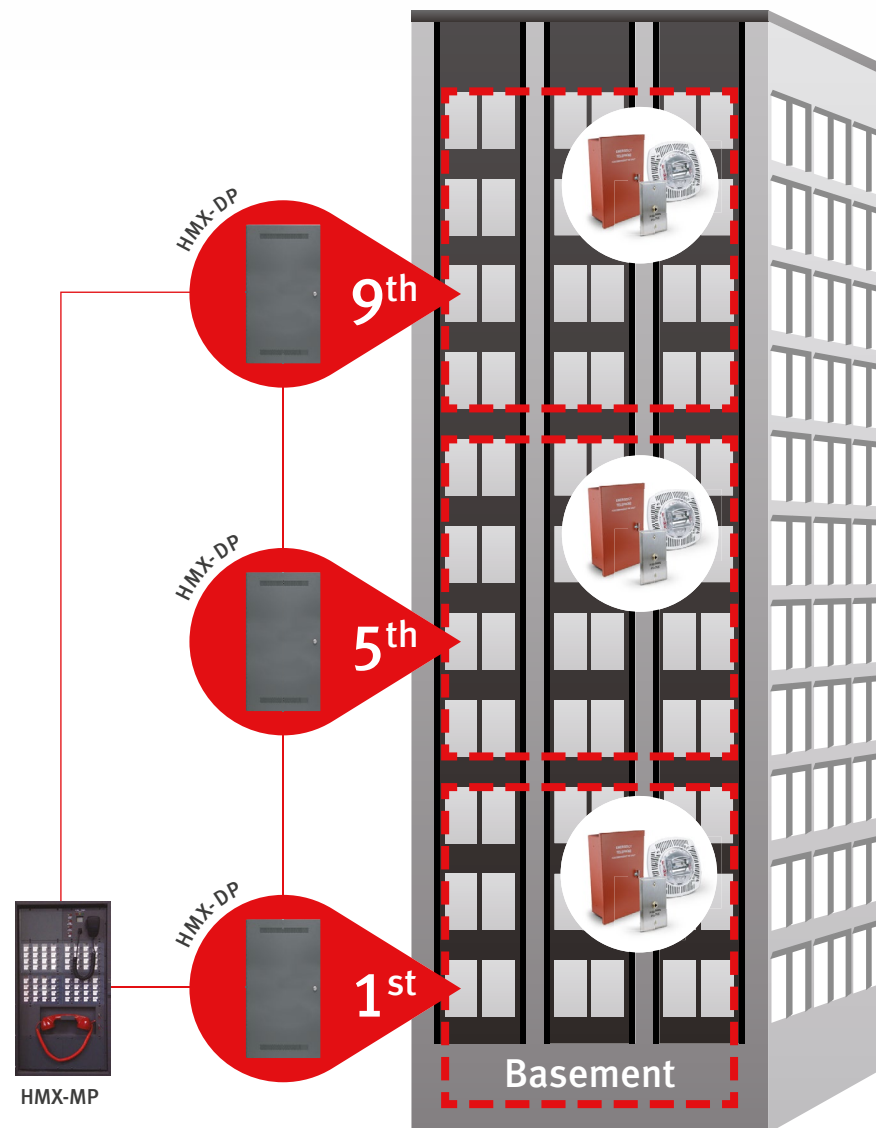
VOICENET

FNV-MP & FNV-DP Voice Evacuation System



- ▶ UL 864 9th Edition Listed
- ▶ True multiplex 6 channel distributed audio
- ▶ Integrated fire phone system (optional)
- ▶ Modular system — components added as needed
- ▶ Integrated 2 channel digital message repeater
- ▶ Live microphone paging to any zones
- ▶ Fast RS-485 communication protocol
- ▶ Fully supervised
- ▶ Easy installation and operation
- ▶ Natural voice sound recordings
- ▶ Built-in alarm evacuation and alert signals
- ▶ Up to 4 minute message capacity
- ▶ Compatible with 12 VDC or 24 VDC fire alarm panels
- ▶ 3 minute message restart on microphone key
- ▶ Up to 256 distributed panels.

Network Schematic



LIFE SAFETY NOTIFICATION



HE SERIES (HE/HES/HEH)

Horns And Multi-Candela Strobes And Horn/Strobes



- ▶ Wall mount
- ▶ Nominal voltage 12 VDC and 24 VDC
- ▶ Tamperproof 24 VDC units have field selectable candela options of 15, 30, 60, 75, and 110 candela
- ▶ 12 VDC units have field selectable candela options of 15, 30, 60, and 75 candela
- ▶ Unit dimensions: 5" (127 mm) high × 4.5" (114.3 mm) wide × 2.5" (63.5 mm) deep
- ▶ Input terminals supports 12 to 18 gauge wire
- ▶ Switch selection for high or low dBA
- ▶ Switch for chime, whoop, mechanical and 2,400 Hz tone
- ▶ Switch for continuous or temporal 3: (not available on whoop tone)
- ▶ Surface mount with the HSB (Hochiki Surface Mount Box)
- ▶ Silence horn while strobes remain flashing
- ▶ Wide voltage range 8–17.5 VDC (12 VDC units) 16–33 VDC
- ▶ Available colour(s): red or off-white.

HC SERIES

Multi-Candela Strobes And Horn/Strobes



- ▶ Ceiling mount
- ▶ Nominal voltage 24 VDC
- ▶ Tamperproof field selectable candela options of 15, 30, 75, 95, 115 & 150
- ▶ Unit dimensions: 6" (152 mm) × 2.6" (66 mm)
- ▶ Input terminals support 12 to 18 AWG
- ▶ Switch selection for high or low dBA
- ▶ Switch selection for 2,400 Hz or mechanical tone
- ▶ Switch selection for continuous or temporal 3
- ▶ Surface mount with the HCSB (Hochiki ceiling surface mount box)
- ▶ Silence horn while strobes remain flashing
- ▶ Wide voltage range 16–33 VDC
- ▶ Available colour(s): red or off-white.

GSS/GSPK SERIES

Ceiling/Wall Mount Selectable Candela Speaker/Strobe & Speaker



- ▶ Strobe nominal voltage 24 VDC
- ▶ Tamperproof field selectable candela options of 15, 30, 75, 115, 150 & 177
- ▶ Speaker/Strobe unit dimensions: 5.9" (14.9 cm) square x 3.4" (8.6 cm) deep
- ▶ Speaker unit dimensions: 5.9" (14.9 cm) square x 2.7" (6.8 cm) deep
- ▶ Speaker voltage 25 or 70.7 VRMS standard, field selectable
- ▶ Field selectable power taps: 1/8W, 1/4W, 1/2W, 1W, 2W, 4W
- ▶ High fidelity speaker
- ▶ Frequency range 315-5000Hz
- ▶ Super-slide bracket, ease of supervision testing
- ▶ Checkmate Instant Voltage Verification
- ▶ Prewire entire system, install mounting bracket, then install speaker
- ▶ Documented lower installation and operating costs
- ▶ Mount to a standard 4" (102 mm) x 2-1/8" (54 mm) deep back box
- ▶ Input terminals 12 to 18 AWG
- ▶ Synchronize with the Gentex GTSM control module
- ▶ Faceplate available in red or white
- ▶ Universal wall/ceiling mount.

GWSS/GWSPK SERIES

Ceiling/Wall Mount Selectable Candela Speaker/Strobe & Speaker



- ▶ GWSS nominal strobe voltage 24 VDC
- ▶ Tamperproof field selectable candela options of 15, 30, 75, 115, 150 & 177
- ▶ Unit dimensions: 6.76" (17.16 cm) x 6.50" (16.51 cm) x 4.83" (12.26 cm)
- ▶ GWSS/GWSPK shipped with outdoor listed backbox and weatherproof cover
- ▶ Speaker voltage 25 or 70.7 VRMS standard, field selectable
- ▶ Field selectable power taps: 1/8 W, 1/4 W, 1/2 W, 1 W, 2 W, 4 W
- ▶ High fidelity speaker
- ▶ Frequency range 315-5000 Hz
- ▶ Super-slide bracket, ease of supervision testing
- ▶ Checkmate Instant Voltage Verification
- ▶ Prewire entire system, install mounting bracket, then install speaker
- ▶ Lower installation and operating costs
- ▶ Mount to a standard 4" (102 mm) x 2-1/8" (54 mm) deep back box
- ▶ Input terminals 12 to 18 AWG
- ▶ Synchronize strobe with the Gentex GTSM control module
- ▶ Weatherproof cover made of clear Lexan provides maximum visibility and reliability for effective visible signaling
- ▶ Weatherproof enclosure provides an ingress protection rating of 54 (IP54) pending
- ▶ Available in red or white
- ▶ Universal wall/ceiling mount.

HHLF SERIES

Low Frequency Horn



- ▶ Nominal voltage 24 VDC
- ▶ Unit dimensions:
6.125" (156 mm) high × 5.5" (140 mm) wide × 1.625" (41 mm) deep
- ▶ Synchronize horn with Hochiki HTSM Synchronization Control Module
- ▶ Prewire entire system, install mounting bracket, then install signals
- ▶ Input terminals accept 12 to 18 AWG
- ▶ Produces a 520Hz square wave, temporal 3 tone
- ▶ Jumper selection for normal or loud dBA
- ▶ Temporal 4 pattern available when used with Hochiki HTSM synchronization module
- ▶ Temporal 4 520Hz measured per ANSI/UL 2075
- ▶ Tamperproof re-entrant style grill and locking screw (optional use)
- ▶ Available colour(s): red or off-white.

HHSLF SERIES

Low Frequency Horn/Strobe



- ▶ Nominal voltage 24 VDC
- ▶ Unit dimensions:
6-1/2" (165 mm) high × 5-1/2" (140 mm) wide × 2" (51 mm) deep
- ▶ Produces a 520 Hz square wave, temporal 3 tone
- ▶ Fixed candela options: 15, 110 and 177
- ▶ Jumper selection for normal or loud dBA
- ▶ Super-Slide Bracket — ease of supervision testing
- ▶ Input terminals accept 12 to 18 AWG
- ▶ Temporal 4 pattern available when used with Hochiki's synchronization module
- ▶ Temporal 4 520 Hz measured per ANSI/UL 2075
- ▶ Tamperproof re-entrant style grill and locking screw (optional use)
- ▶ Available color(s): red or off-white.

HX93 SERIES

Mini-Horns



- ▶ Nominal voltage 12 VDC and 24 VDC
- ▶ Jumper for selectable temporal 3 or continuous tone
- ▶ Horn frequency of 3,100 Hz
- ▶ Input terminals support 12 to 18 gauge wire
- ▶ Low current consumption
- ▶ Textured finish high impact plastic faceplate
- ▶ Available color(s): red or off-white.

WHE SERIES

Weatherproof Horn/Strobes



- ▶ Nominal voltage 24 VDC
- ▶ Unit is shipped with WHES24-75 candela strobe or WHEC24-75 candela horn/strobe
- ▶ Switch selection for high dBA
- ▶ Switch for mechanical and 2400hz tone
- ▶ Switch for continuous tone
- ▶ Input terminals supports 12 to 18 gauge wire
- ▶ Tamperproof re-entrant grill
- ▶ Wide voltage range of 16–33 VDC
- ▶ Separate horn and strobe functions
- ▶ Available colour(s): red or off-white.

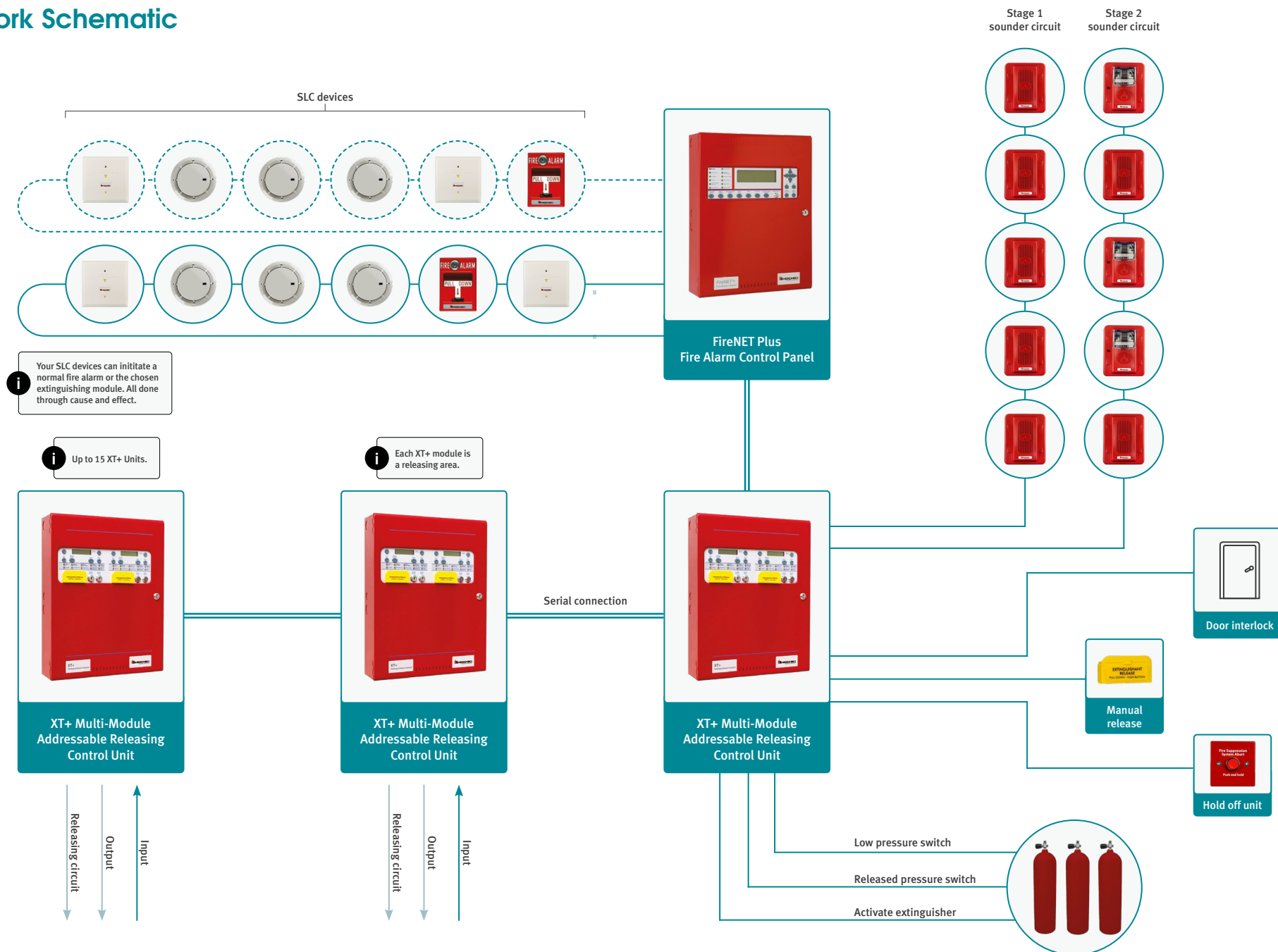
B6-24 / B10-24

Fire Alarm Bells



- ▶ Available in 6" (152 mm) or 10" (254 mm) models
- ▶ High dBA output
- ▶ Mounts to a standard 4" (102 mm) square electrical box
- ▶ NSI/UL Listed for outdoor use when used with the weatherproof back box
- ▶ 18 AWG wire leads
- ▶ Meets ANSI/UL 464 requirements.

Network Schematic



XT+ Multi-Module Addressable Releasing Control Unit

Up to 15 XT+ releasing control units may be connected to a FireNET Plus fire alarm control panel. Each releasing module can accommodate a separate hazard defined by two specific zones.



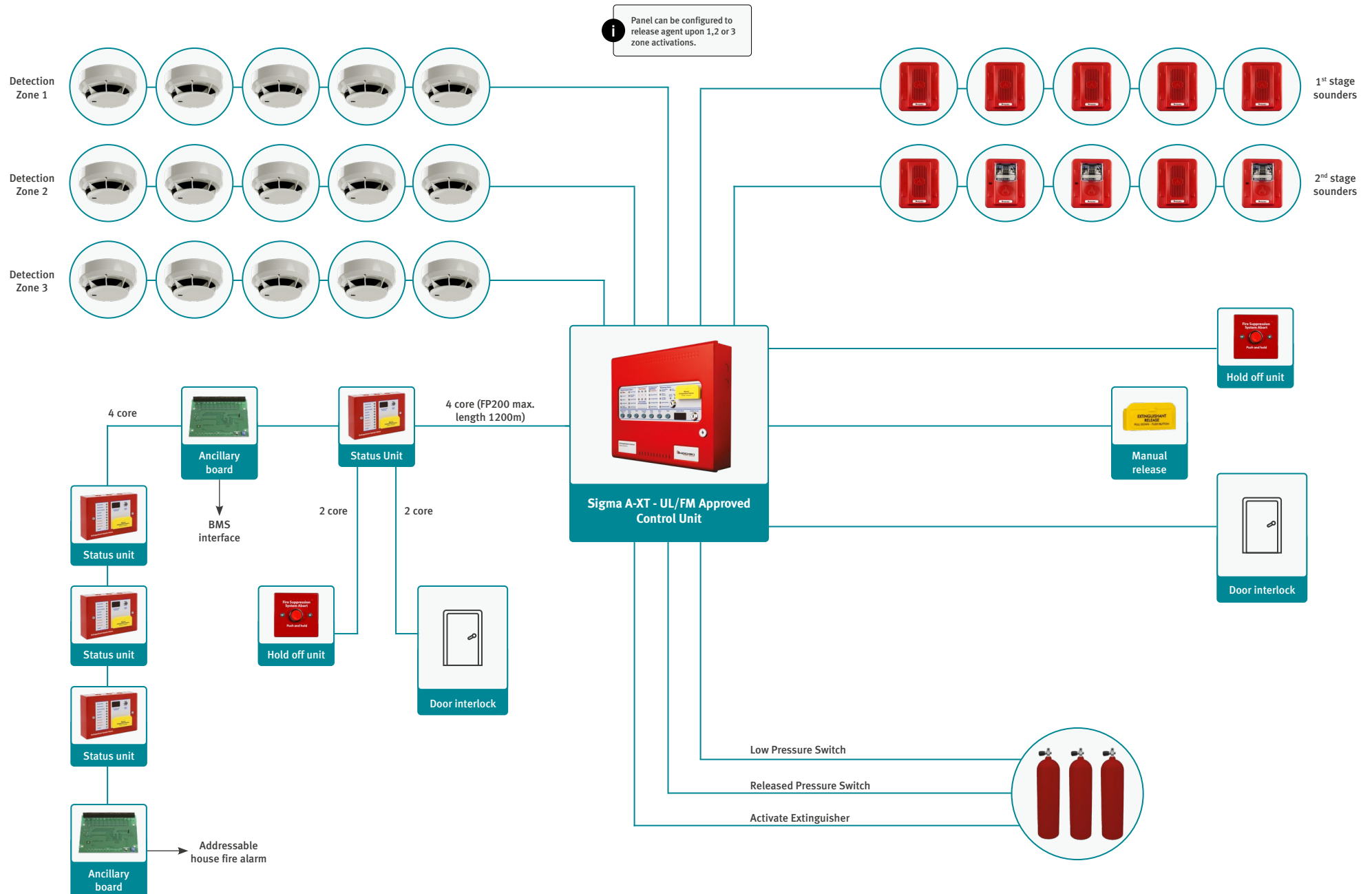
- ▶ UL 864 10th Edition Listed
- ▶ Up to 2 releasing modules* / hazards per XT+ unit
- ▶ Dual releasing outputs for each module* (configurable as main/reserve)
- ▶ Second and third stage NAC outputs for each module*
- ▶ First, second, and third stage volt-free changeover relays for each module*
- ▶ Released volt-free relay per module*
- ▶ Trouble volt-free relay per module*
- ▶ Programmable releasing delays and output duration
- ▶ Countdown indicator shows time until release in seconds
- ▶ Mode select and manual release controls per module*
- ▶ Monitored remote manual release input, remote abort input, remote mode select input and remote released pressure switch input.

* A module equals an area.

CONVENTIONAL SUPPRESSION CONTROLS



Network Schematic



HCVR-3 Conventional Releasing 3 Zone



The HCVR-3 is a 3-zone conventional releasing fire alarm control panel. Compatible with many releasing valves, the HCVR-3 is a single-board construction that is easily configured using programmable menu options. UL Listed and FM Approved, the HCVR-3 is the solution for your conventional releasing control panel needs.

- ▶ Three detection zones and notification appliance circuits
- ▶ Any single zone or combination of zones can be configured to release
- ▶ Fully programmable using simple menu options
- ▶ Simple, single board construction
- ▶ Compatible with a wide range of detection devices
- ▶ Built-in manual release switch with separate manual release input circuit for external switch
- ▶ Releasing countdown timer displayed on built-in LED display
- ▶ Configurable releasing delay up to 60 seconds in 5 second intervals
- ▶ Configurable releasing duration up to 5 minutes in 5 second intervals
- ▶ Built-in relays for Fire, Trouble, Stage 1, Stage 2, Extract, and Local Fire.

Status Display Unit for HCVR-3



The Hochiki Status Display Units are remote annunciators that provides detailed status information for the HCVR-3 panel. The LEDs indicate system events such as Released, Auto/Manual operation, and Abort. An LED display clearly indicates the pre-discharge countdown time.

- ▶ Compatible with all versions of the HCVR-3
- ▶ UL 864 Listed and FM Approved
- ▶ Up to 7 HCVR-SDU may be used with one HCVR-3 control panel (if no HCVR-AB are used)
- ▶ Terminals accept 22–18 AWG wire
- ▶ Abort input for external abort switch
- ▶ Requires 24 VDC and RS485 from the HCVR-3 control panel
- ▶ Current requirements — 83 mA standby, 94 mA maximum.

Disconnect Switch for HCVR-3



HCVR-DS is a disconnect switch used to disable a releasing circuit for system testing or maintenance. HCVR-DS is compatible with the HCVR-3 conventional releasing fire alarm control panel.

- UL Listed and FM approved
- Physical switch provides NFPA-compliant disconnect solution for releasing service.

Model	Description
HCVR-DS-R	HCVR-3 disconnect switch, red
HCVR-DS-C	HCVR-3 disconnect switch, charcoal

Extinguishant Abort Switch for HCVR-3



The HCVR-AS is a single action push button abort switch. The HCVR-AS is compatible with the HCVR-3 fire alarm control panel and connects via terminal block connections.

- UL Listed and FM Approved
- Capable of aborting releasing operation.

Model	Description
HCVR-AS-R	HCVR-AS, Extinguishant abort switch, surface mount, red
HCVR-AS-C	HCVR-AS, Extinguishant abort switch, surface mount, charcoal

Pull Station for Fire Suppression Release (HPS-DAK-SR)



The Hochiki HPS-DAK-SR is a dual action (lift & pull) fire suppression release manual pull station.

- UL Listed
- Metal construction
- Enclosed switch with glass rod (included)
- Switch is (1) Form A, rated 10 A @ 120 VAC
- Terminal block connection.

Push Button System Abort (PB-SA)



PB-SA is a dual action (lift & push) push button system abort. PB-SA is connected via terminal block connections.

- UL Listed
- ADA Compliant
- Protection against accidental activation
- Key to reset.

Your Safety  Our Technology

Hochiki Middle East FZE
C-205, HQ Building,
Dubai Silicon Oasis,
PO Box 341415,
Dubai
UAE

+97143724130

sales@hochiki.ae
www.hochiki.ae

