



PT. GRAHA ANUGRAH ELEKTRINDO



Life Safety and Emergency Communications Systems

Information Guide

 **NOTIFIER**[®]
by Honeywell

The ONYX[®] Series

Authorized Distributor of Honeywell

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The ONYX® Series

The ultimate in life safety
and emergency communications technology



Flexible, Expandable, Backward Compatible

NOTIFIER's ONYX Series of intelligent fire alarm control panels have the flexibility to meet the needs of any size application.

ONYX Series panels are easily expanded with NOTI-FIRE-NET™, NOTIFIER's intelligent fire alarm network, to keep pace with your life safety needs.

What's more, ONYX Series panels and NOTI-FIRE-NET are completely backward compatible with existing NOTIFIER intelligent systems, allowing for expansions or upgrades without replacing existing devices.

Advanced Detection Technology

ONYX detection delivers a rapid, intelligent response to incipient fire signatures while substantially reducing nuisance alarms.

Specialty detectors supply stability and very early warning capability where unique hazards and environmental conditions exist that prohibit the use of traditional smoke detectors.

Integrated Audio Evacuation and Paging

ONYX Digital Voice Command (DVC), NOTIFIER's multi-channel digital audio evacuation and paging system, features eight channels of industry-leading quality audio, five firefighter telephone channels, wire, fiber or hybrid options, and can broadcast multiple, distinct messages throughout an entire facility or across a campus simultaneously.

Easy to Use and Maintain

ONYX Series panels feature a 10" high definition color touchscreen or full QWERTY keypads, with large 80-640 character LCD displays, along with intuitive menu options, making it easy for facility managers to perform routine system maintenance, testing, and basic programming functions such as enabling or disabling points.

If an intelligent device is ever damaged and needs replacement, facility personnel can do so quickly and easily without the need for special tools or programming software.



ONYX® NFS-320

Built for speed

Engineered for small applications, incorporating features that minimize installation time, enable faster response times, and simplify maintenance and usability, the NFS-320 offers all of the sophistication and premier performance of the ONYX® Series.

Applications :

- > Nursing Homes
- > Elementary Schools
- > Places of Worship
- > Retail
- > Medical Offices



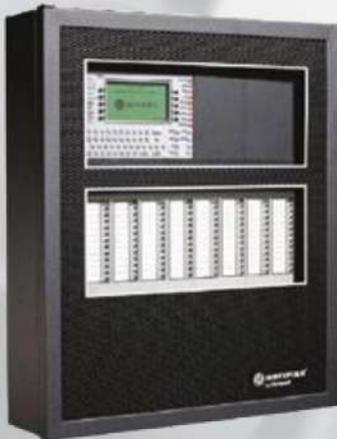
ONYX® NFS2-640

Unparalleled flexibility

The NFS2-640 is ideal for mid-size applications, and easily expanded via NOTIFIER's intelligent fire alarm network, NOTI-FIRE-NET, to accommodate future building expansion.

Applications :

- > Dormitories
- > Warehouses
- > Big Box Retail Stores
- > Low-rise Office Buildings
- > K-12 Schools
- > Theaters



ONYX® NFS2-3030

Sheer power and performance

With its impressive point capacity and powerful programming options, the NFS2-3030 is the complete solution for large scale applications requiring superior performance.

Applications :

- > Colleges and Universities
- > Hospitals
- > High-rise Buildings
- > Hotels
- > Airports
- > Military Bases
- > Stadiums



ONYX® Digital Voice Command (DVC)

Integrated emergency communications

NOTIFIER's most powerful Emergency Communications System (ECS), ONYX® Digital Voice Command (DVC) is designed to communicate one- or two-way emergency messages to individuals and groups, plus paging with the NFS2-640 and NFS2-3030.

Applications :

- > Universities
- > High Rise Buildings
- > Corporate Campuses
- > Industrial Facility
- > Chemical and Utility Plants
- > Ports
- > Mass Transit Hubs
- > Sports Arenas
- > Government Complexes

Networking and Integration: NOTI-FIRE-NET™

Peace of mind with enhanced survivability



NOTI-FIRE-NET System Features and Benefits

- > Supports ONYX Series fire alarm control panels: NFS-320, NFS2-640, NFS2-3030 (NFS-3030, NFS-640)
- > ONYX FirstVision™ intuitive touch screen display for first responders
- > Network Control Annunciator for network events and network control
- > Complies with industry standard BACnet/IP connectivity to Building Automation Systems and Modbus/IP connectivity to industrial control systems
- > Supports industry standard connectivity to Distributed Recipient's Mass Notification Systems (DRMNS)
- > Advanced Detection capabilities
- > LED Sign displays real-time event monitoring and messaging
- > Remote connectivity via e-mail and SMS text with NOTI-FIRE-NET Web Server
- > Optional High Speed NOTI-FIRE-NET System provides increased network capacity and improved network communication speeds

Advanced Detection Technology

Speed, stability, and reliability



IntelliQuad™ PLUS :
Combination Fire/CO
Detector



PTIR :
Photo/Thermal/Infra-
Red Detector



IntelliQuad™ PLUS :
Combination Fire/CO
Detector



Photo/CO : Photo
and Carbon Monoxide
Detector



CO Only : Carbon
Monoxide Detector

FireWarden Series

Addressable intelligence in a right-sized panel

NFW-50X, NFW-50XR

The FireWarden 50X (NFW-50X) comes with a pre-installed communicator and supports up to 50 addressable devices in any combination of detectors or modules. With an extensive list of powerful features, the NFW-50X fits into applications previously served only by conventional panels.

Applications :

- > Banks
- > Child Care Centers
- > Places of Worship
- > Restaurants
- > Small Retail Stores



NFW-100X

The FireWarden-100X (NFW2-100X) is an addressable fire alarm control panel designed for applications requiring advanced addressable intelligence, flexible programming options, and robust power supply for driving horns, strobes, and auxiliary devices.

Applications :

- > Cinemas
- > Department Stores
- > Food Stores
- > Elementary Schools
- > Small Nursing Homes
- > Assisted Living Facilities



Small Scale Solutions and Communicators



SFP-5UD 5-Zone Control Communicator

- > 5 Class B/Style B zones (Class A/Style D with option module)
- > 4 Class B/Style Y NACs (Class A/Style Z optional)
- > Optional IP Communicator



RP Series Releasing Controls

- > 5 Class B/Style B zones (Class A/Style D with option module)
- > 4 Class B/Style Y NACs (Class A/Style Z optional)
- > Optional IP Communicator



SFP-10UD 10-Zone Control Communicator

- > 10 Class B/Style B zones (Class A/Style Z with option module)
- > 4 Class B/Style Y NACs (Class A/Style Z optional)
- > Optional IP Communicator



411 Series Communicators

- > Three models available:
 - 411 – Slave Communicator
 - 411UD – Slave Communicator with upload/download
 - 411UDAC – Stand-alone Communicator with upload/download
- > Up to 4 input channels (3 on the 411)
- > Fully programmable with PRO-411 or with Windows® utility (up/download models)



SFP-2402 2-Zone Control

- > 2 Class B/Style B zones; i3 ready
- > 1 Class B/Style Y NAC, 3.0 Amps and programmable
- > Strobe synchronization
- > Form C Alarm and Trouble relays



IPGSM-4G Fire Alarm Communicator

- > Eliminates phone line expense
- > Multiple path for improved connectivity



SFP-2404 4-Zone Control

- > 4 Class B/Style B zones (Class A/Style D optional); i3 ready
- > 2 Class B/Style Z NACs (Class A/Style Z optional), 3.0 Amps expandable to 6.0 Amps with programmable strobe synchronization
- > Form C Alarm, Trouble and Supervisory relays



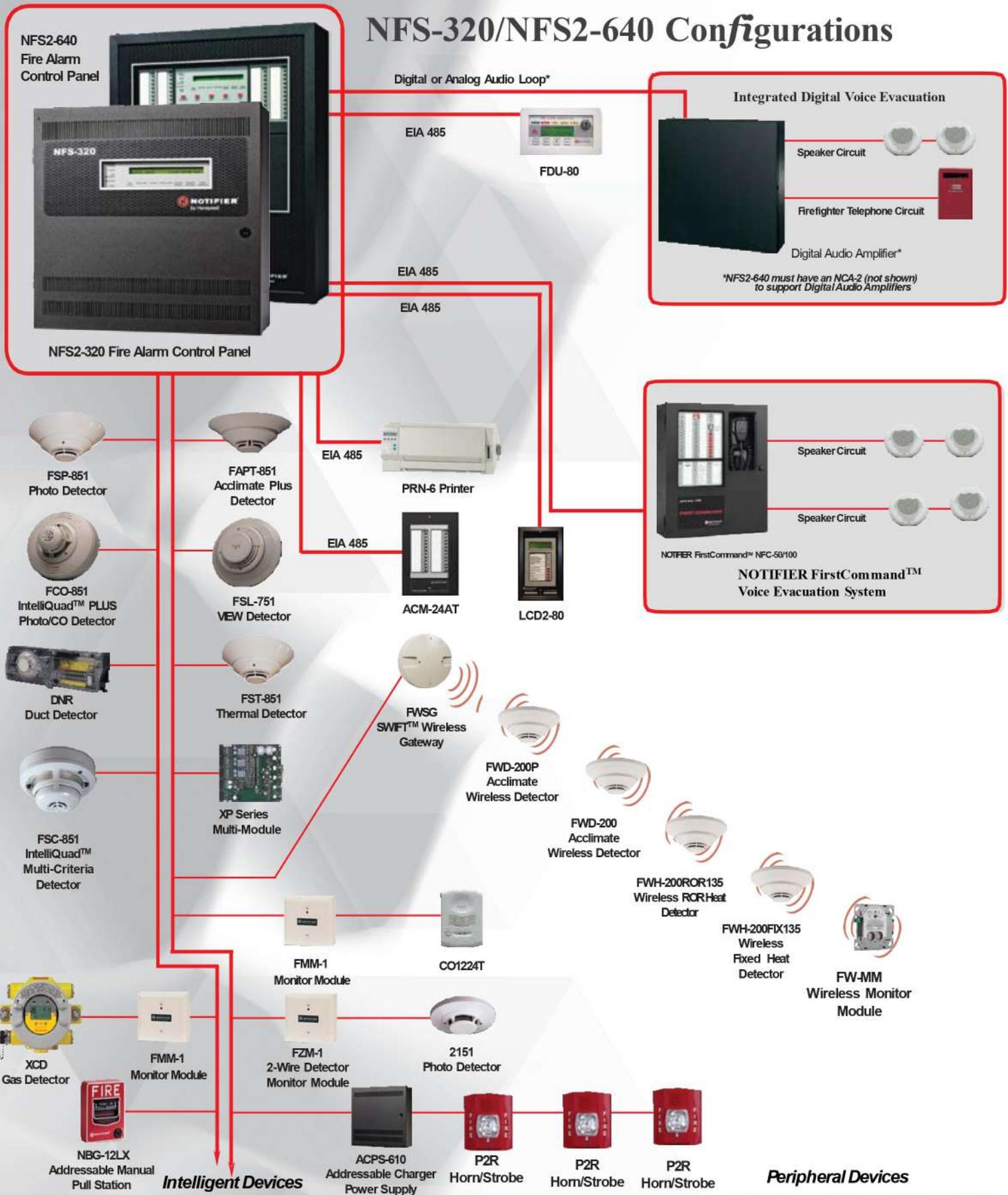
IPDACT-2/UD Fire Alarm Communicator

- > Eliminates standard phone line expense
- > Ninety second supervision of communication circuit

Skematic Fire Alarm Notifier

Full Adressable & Semi Adressable

NFS-320/NFS2-640 Configurations



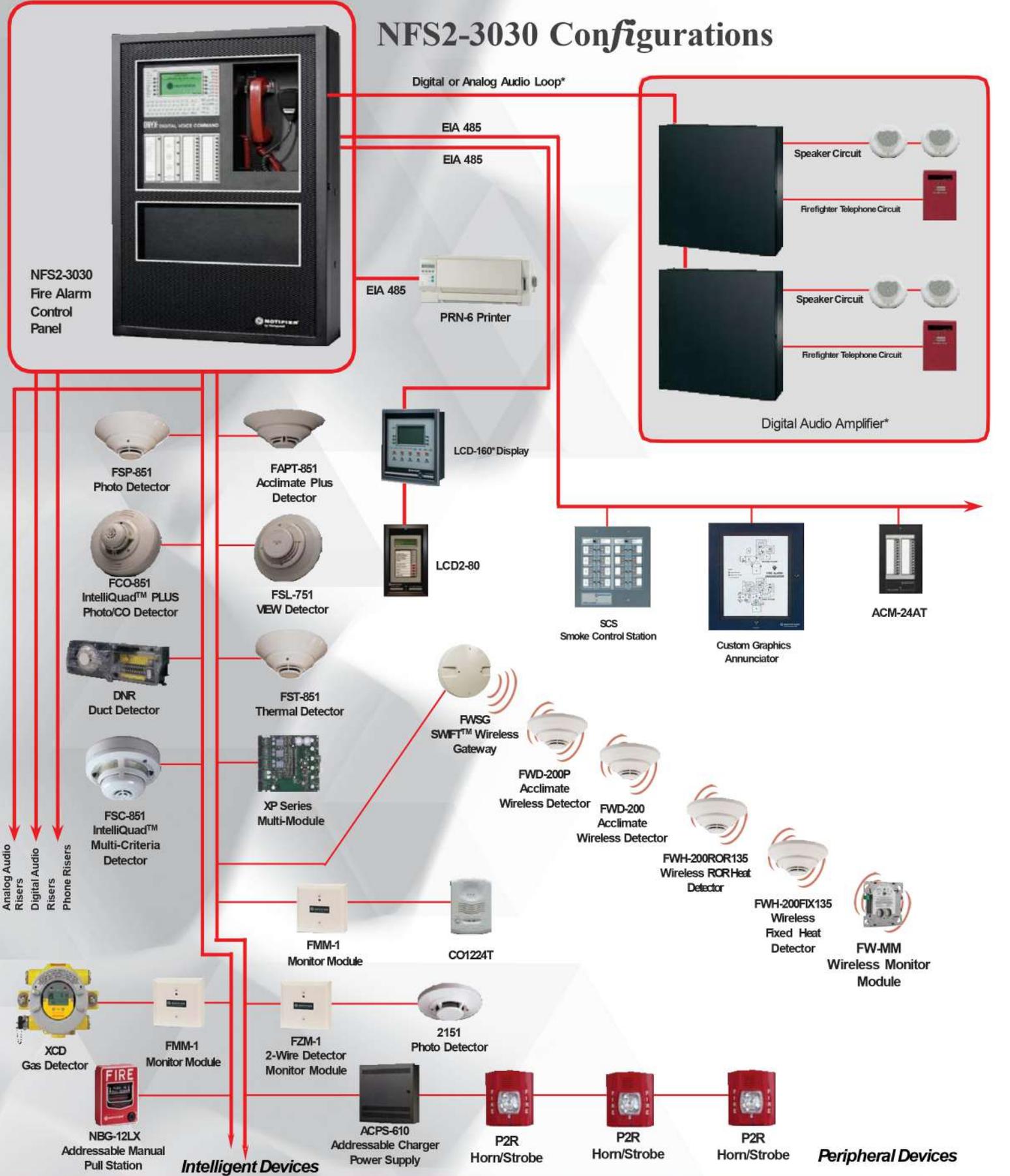
Intelligent Devices

Peripheral Devices

Skematic Fire Alarm Notifier

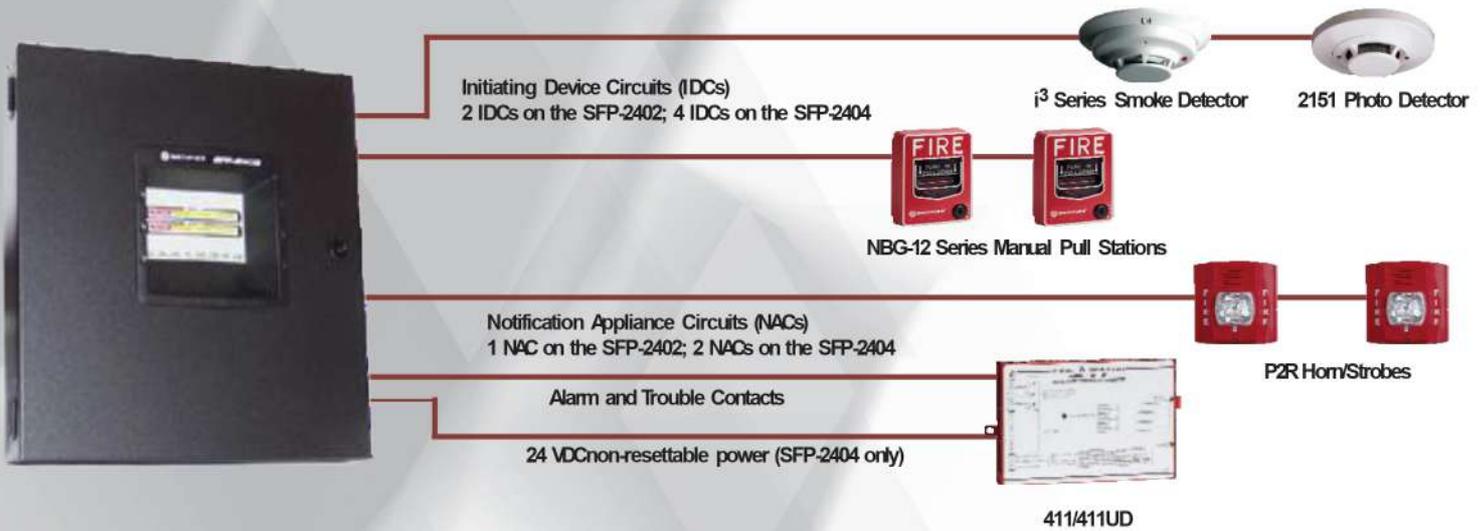
Full Adressable & Semi Adressable

NFS2-3030 Configurations



Conventional System

SFP-2402/04 FIRE ALARM CONTROL PANEL



SFP-2402

The SFP-2402 is a conventional fire alarm control panel with two alarm initiating zones.

- Two Class B Initiating Device Circuits (IDCs)
- One Class B Notification Appliance (NAC) with programmable strobe synchronization
- 3.0 amps total system power
- Form-C Alarm and Trouble relays
- Optional Voice Evacuation with direct connect to FireVoice 25/50
- Resettable auxiliary 24 VDC power
- UL 864 Ninth Edition listed

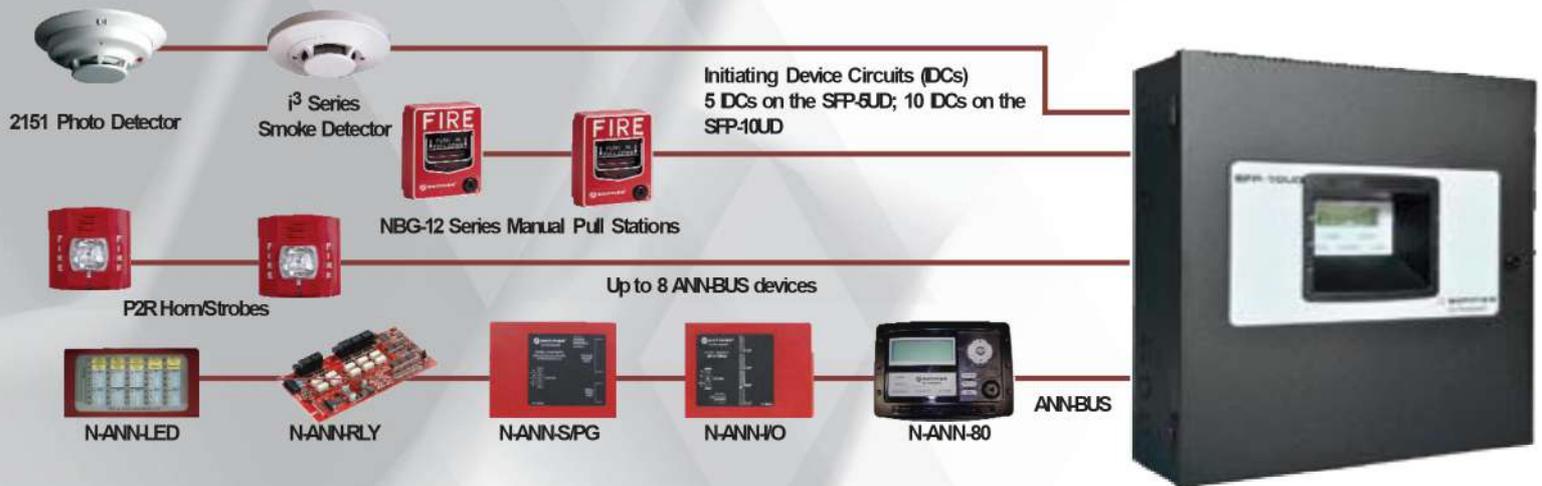
SFP-2404

The SFP-2404 is a conventional fire alarm control panel with four alarm initiating zones.

- Four Class B Initiating Device Circuits (IDCs), Class A option available
- Two Class B Notification Appliance Circuits (NACs) with programmable strobe synchronization; Class A option available
- 3.0 amps total system power, expandable to 6.0 amps
- Form-C Alarm, Trouble and Supervisory relays
- Optional Voice Evacuation with direct connect to FireVoice 25/50
- Optional local energy box or reverse polarity XMTR
- Optional LED remote annunciator
- Optional zone relay module
- Resettable and non-resettable auxiliary 24 VDC power
- UL 864 Ninth Edition listed

Conventional System

SFP-5UD/10UD FIRE ALARM CONTROL PANEL



SFP-5UD

The SFP-5UD is a 5-zone fire alarm control panel with a built-in digital alarm communicator transmitter (DACT) and remote site upload/download capability.

- Five Class B Initiating Device Circuits (IDCs), Class A optional with N-CAC-5X converter module
- Four Class B NACs rated at 2.5 amps, Class A optional with N-CAC-5X converter module
- 3.0 amps total system power
- Up to eight ANN-BUS devices (such as LCD annunciators)
- Serial or parallel printer interface
- 80-character LCD display
- Optional Voice Evacuation available with direct connect to FireVoice 25/50
- Optional IP Communicator
- UL 864 Ninth Edition listed

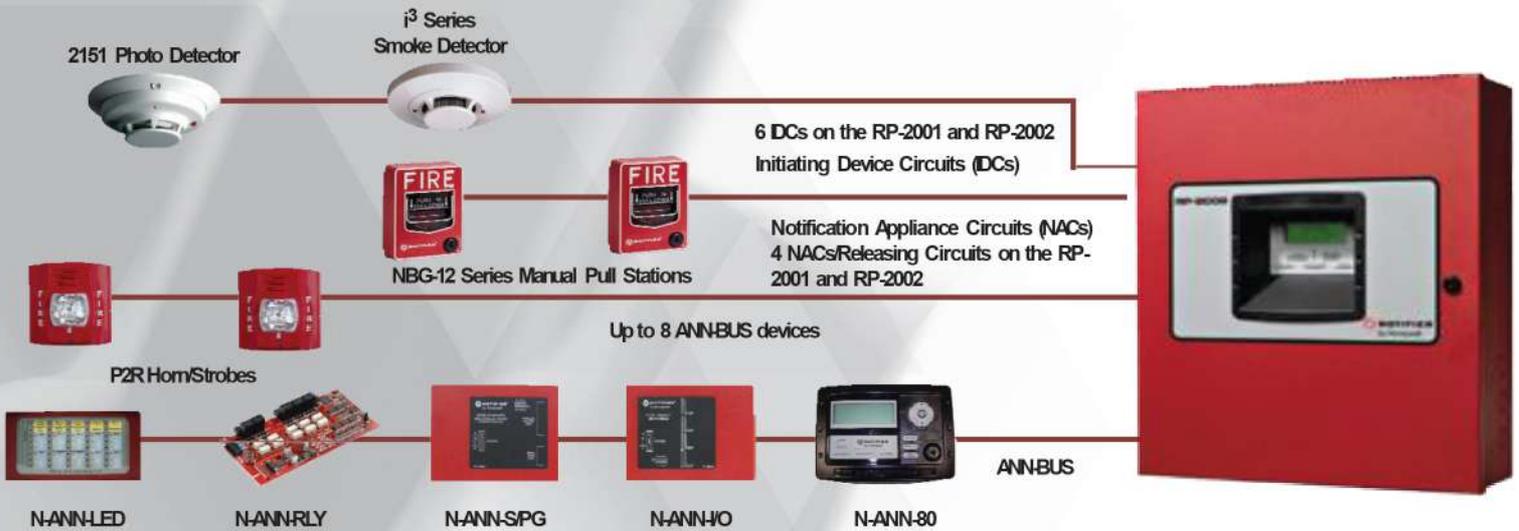
SFP-10UD

The SFP-10UD is a 10-zone fire alarm control panel with a built-in digital alarm communicator transmitter (DACT) and remote site upload/download capability.

- Ten Class B Initiating Device Circuits (IDCs), Class A optional with N-CAC-5X converter module (2 required)
- Four Class B NACs rated at 3.0 amps, Class A optional with N-CAC-5X converter module (2 required)
- 7.0 amps total system power
- Up to eight ANN-BUS devices (such as LCD annunciators)
- Serial or parallel printer interface
- 80-character LCD display
- Optional Voice Evacuation available with direct connect to FireVoice 25/50
- Optional IP Communicator
- UL 864 Ninth Edition listed

Conventional System

RP-2001/02 DELUGE/PRE-ACTION AND RELEASING CONTROL PANELS



RP-2001

The RP-2001 is a six-zone fire alarm panel for single or dual hazard deluge and preaction applications. The RP-2001 is easily programmed with just a few menu selections using field selectable "application templates." The RP-2001 offers fire detection, signaling and protection for commercial, industrial and institutional buildings requiring water-based releasing.

- Six Class B Initiating Device Circuits (IDCs); Class A optional with N-CAC-5X converter module (2 required)
- Four Class B Output Circuits programmable as Notification Appliance Circuits (NACs), or releasing circuits; rated at 3.0 amps; Class A optional with N-CAC-5X converter module (2 required)
- Programmable waterflow discharge timer and two soak timers
- Cross-zone (double-interlock) capability
- Meets NFPA standards 13, 15 and 16
- Three Form-C programmable relays for Alarm, Trouble and Supervisory
- Up to eight ANN-BUS devices (such as LCD annunciators)
- 80 character LCD display
- 7.0 amps total system power
- UL 864 Ninth Edition listed

RP-2002

The RP-2002 is a six-zone fire alarm control panel for single or dual hazard agent releasing applications. The RP-2002 offers fire detection, signaling and protection for facilities requiring agent-based releasing. Like the RP-2001, this panel can be programmed with an "application template" while remaining completely field-customizable.

- Six Class B Initiating Device Circuits (IDCs); Class A optional with N-CAC-5X converter module (2 required)
- Four Class B Output Circuits rated at 3.0 amps; programmable as Notification Appliance Circuits (NACs), or releasing circuits; Class A optional with N-CAC-5X converter module (2 required)
- Adjustable pre-discharge, discharge, and waterflow delay
- Meets NFPA standards 12, 12A, 12B, and 2001
- Disable/Enable control per input zone and output zone
- Cross-zone (double-interlock) capability
- Three Form-C programmable relays for Alarm, Trouble and Supervisory
- Up to eight ANN-BUS devices (such as LCD annunciators)
- 80 character LCD display
- 7.0 amps total system power
- UL 864 Ninth Edition listed



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