

Nittan NMP

Nittan Multi Panel Fire Alarm System



NITTAN

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Multiple Configurations, for Multiple Flexibility

The new Nittan “Multi” Panels have been designed with total flexibility in mind, capable of a wide range of system configurations and readily expandable due to its simple plug-in module concept.

With three enclosure sizes providing 6, 10 or 26 ports, allowing fitment of different plug-in module options in any configuration Nittan provide the ultimate in flexible fire alarm system design.

The Multi “mix and match” concept allows systems to be easily configured to cost effectively meet exact site requirements and system specifications without any unwanted additional hardware.



OVERVIEW

Modular System Design

The Nittan “Multi” Panel (NMP) is a powerful and sophisticated Analogue Addressable Fire Alarm Control Panel that offers a variety of modular components which allow it to meet a wide variety of applications. The Nittan NMP Panel can support up to 26 Intelligent Modules, in the largest enclosure, including Signal Line Circuits, Conventional Zone Circuits and Notification Appliance Circuits.

The 4.3 inch graphical touch screen with 480 x 272 Pixel Resolution provides a clear, uncluttered and intuitive interface which results in the end user requiring minimal training.

Each system component has been specifically designed to operate as part of the Evolution UL Listed system providing assurance that the detectors, interfaces, NAC devices, and panel are all fully compatible with each other and that the full range of system functionality is supported by all devices.

Expandable, Networkable

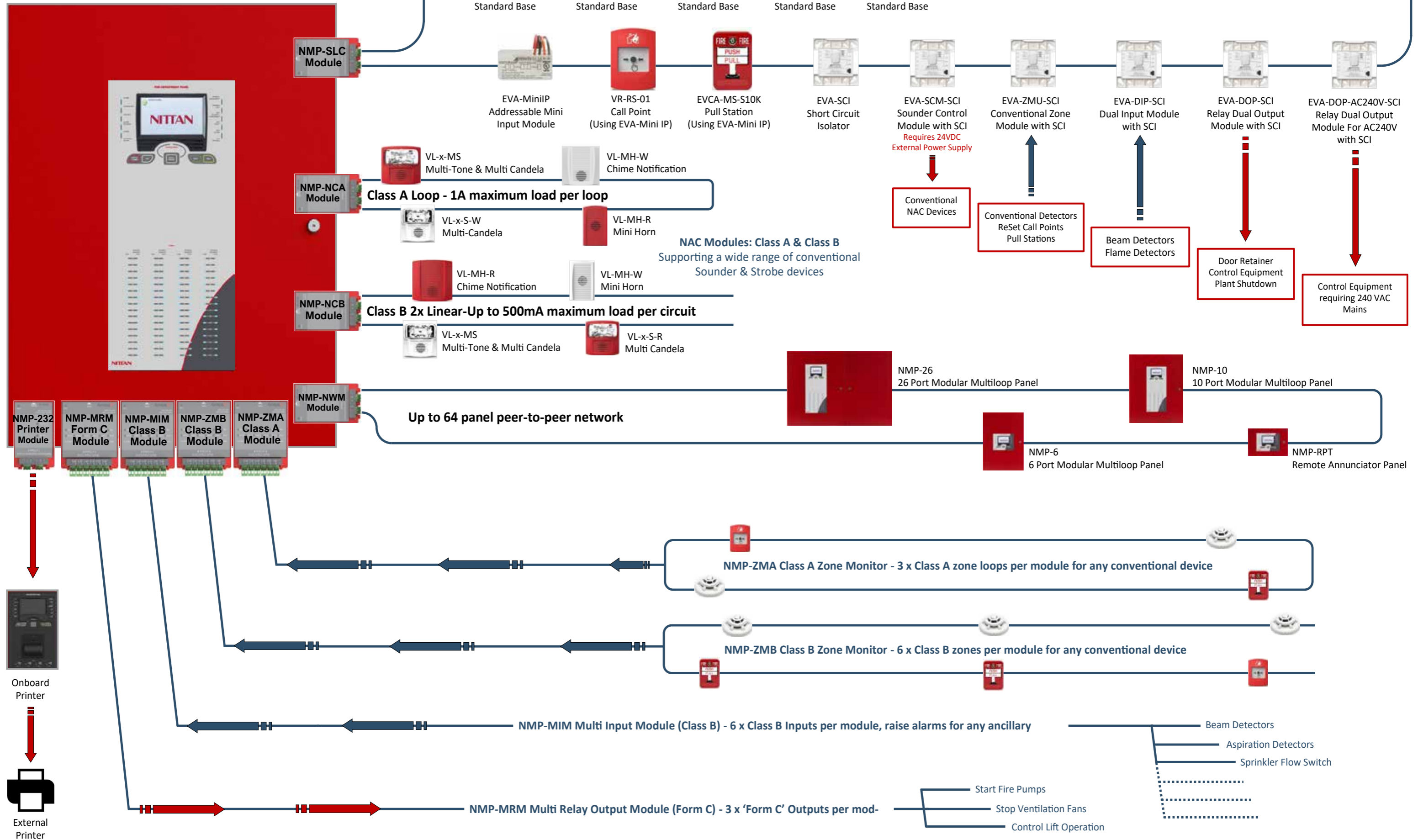
The Nittan NMP Panel is expandable up to 12 Signal Line Circuits SLC, in a single enclosure. Each SLC can support up to 254 Analogue Addressable devices.

Each Nittan NMP Panel can operate as part of a networked system of up to 64 panels Peer-to-Peer, or a standalone panel. It has powerful programming options that allow configurable control over whether messages from specific panels are transmitted around the network or remain local.

Ideal for large-area applications

The control panel has the capability to support complex cause and effect programming and a wide range of user controllable functions that make the panel suitable for a vast range of projects from multi-site commercial developments through to industrial applications. The panel incorporates an Auto-Search feature allowing ease of initial on site configuration and cause and effect can be programmed via the panel front or the Evolution UL PC Software.

System Configuration



FIRE ALARM SYSTEM FEATURES

The Nittan "Multi" Panel (NMP) System comprises an extensive range of plug-in options, including an array of detection and notification appliance modules. Together with our range of trusted signal line devices, including fire detectors and loop interface units, Nittan NMP delivers a complete project solution.

Fire Alarm Control

- Expandable up to 12 NMP-SLC
- Each NMP-SLC can support up to 254 Addressable Detectors and Modules, which can be connected Class A or B.
- Capacity for up to 16 Input Modules, such as NMP-MIM, NMP-ZMA & NMP-ZMB, per panel.
- Capacity for up to 6 Output Modules, such as NMP-MRM, NMP-NCA & NMP-NCB, per panel.
- Auxiliary Modules, such as NMP-NWM & NMP-232

Expandability and Flexibility

- Install the desired NMP-SLC loop modules.
- Expandable up to 4 in NMP-6, 6 in NMP-10 & 12 in NMP-26.
- One Loop supports up to 254.
- Up to 254 Zones available per panel.
- Panel can easily be configured to operate a combination of conventional & addressable devices.



NMP-6 / NMP-10

Loop Modules



- Range of Input/Output modules, including Zone monitor.
- All modules Loop Powered.
- Three indicating LEDs, Red (Activated), Green (Healthy) Amber (Fault).
- Freely addressable up to 254.
- Short Circuit Isolator equipped as standard, except EVA Mini IP.

Intelligent Detectors



- Powerful range of detectors, including UL268 7th Edition Smoke Detectors
- Even Response to both Black and White smoke.
- Sensitivity adjustment function for smoke detectors.
- Drift compensation to maintain sensitivity with time.
- Omniview 360° visible indicator.
- Selectable Green Polling LED Flash On/Off.
- Low profile stylish design.



NMP-26

Expandability and Flexibility

- Power Supply up to 10 Amp in NMP-6 / 10 and 15 Amp in NMP-26.
- Battery Capacity up to 12 Ah in NMP-6, 38 Ah in NMP-10 and 65 Ah in NMP-26.
- Each NMP-NCA or NCB can supply up to 1 Amp of NAC devices or auxiliary power.
- NMP-10 & NMP-26 has option for 64 built in LEDs and or Printer unit.

Annunciator/Repeater



- NMP-RPT Provides same touch screen and functions as NMP Fire Panels.
- System can support as many annunciators as desired, up to total of 64 nodes, including panel.
- Full Network operation.

Fire Fighter's Phone



- Single or Multi zone system
- Total 60 telephone zones capability with additional zone selectors
- Maximum 6 phones to be answered at a time

Specifications

	NMP-6	NMP-10	NMP-26
Appearances			
General			
Loop NMP-SLC	Up to 4	Up to 6	Up to 12
Address Per Loop	254		
Display	4.3 Inch Colour Touch screen 480 x 272 Pixel Resolution		
Network	Up to 64 Panels/Annunciators Nodes		
Annunciators	No limit, other than total 64 Nodes		
Conventional Zones NMP-ZMA/B	Up to 12 Class B or 6 Class A	Up to 24 Class B or 12 Class A	Up to 36 Class B or 18 Class A
NAC Circuits NMP-NCA/B	Up to 4 Class B or 2 Class A	Up to 8 Class B or 4 Class A	Up to 36 Class B or 18 Class A
Auxiliary Power Supply	Up to 2 x 1 Amp	Up to 4 x 1 Amp	Up to 6 x 1 Amp
Auxiliary Relays NMP-MRM	Up to 2 each with 3 x 5 Amp ac/dc	Up to 4 each with 3 x 5 Amp ac/dc	Up to 6 each with 3 x 5 Amp ac/dc
Printer Port BNP-232	1 for built in or external printer		
Dimensions	535 x 385 x 150mm	665 x 535 x 200mm	665 x 975 x 200mm
Electrical Ratings			
AC Line Voltage	120 to 240 Vac 50/60 Hz		
Power Supply Ratings	30 Vdc 10 A	30 Vdc 10 A	30 Vdc 15 A
Battery	2 x 12 Vdc (24 Vdc) Sealed Lead Acid		
Battery Capacity	2 x 12Ah	2 x 38Ah	2 x 65Ah

We are making an effort to implement a supply chain worldwide. Our subsidiaries or partners are supporting technical assistance or training with national standards guidance. Please refer to the below contact information.

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