

JUNO NET

Networkable Fire Detection System



Available in 2 colours  

Juno Net 1 to 4 Loops

Juno-Net is a powerful Analogue Addressable Fire Alarm Control System with networking capabilities that facilitate the configuration of complex Wide Area Fire Detection Systems.

Modular construction and distributed intelligence allow systems of up to 96 Loops to be constructed. With a high level of built-in redundancy and emergency back-up features, the Juno-Net is fully equipped to control the most complex installations.

Using its wide array of interfacing capabilities the Juno-Net is ideally placed to provide an efficient and effective solution to the logistics of protecting large institutions. Universities, Airports, industrial complexes etc which may have many individual Fire Alarm systems but require central reporting and control can easily be accommodated by the advanced capabilities of the Juno-Net.

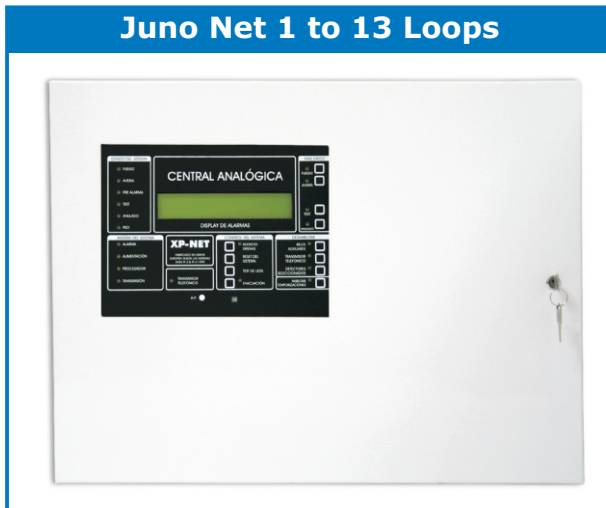
Juno-Net is available as a standalone system of up to 13 Loops in a single cabinet and can be expanded to up to 96 Loops via a networked array of sub-panels which can be supplied in a blank box version or combined with a repeater to allow remote display and control of the system. Networking is done by a monitored, redundant, double RS422/485 or Fibre optic loop or TCP/IP network.

The Juno-Net networking capabilities are further enhanced by a wide range of programming options which provide the capability to customise the system according to the needs of the customer. Flexible cause and effect programming of I/O devices and warning devices ensure that Fire or Fault warnings trigger the appropriate response.

An interactive Graphic representation of the system can be displayed on the users' computer via the Odyssey Graphics software(optional). All the devices on the system can be displayed on a building plan showing their status in real time. In the event of Fire or fault the customer can control the system and access all the necessary information with a few mouse-clicks.

Automatic Device detection at start up reduces time spent at the commissioning stage. In

Juno Net 1 to 13 Loops



Installation mode the Juno-Net detects and recognises addressed and connected devices with the system being fully operational in less than two minutes. The default programming ensures that the system is ready to detect Fire/Fault alerts from the moment that power is applied.

Additional programming, to customise the system can be implemented via the onboard keypad, IR programmer, PS 2 Keyboard or with a laptop PC running the GFE Connector software which is available free of charge on the Global Fire website.

Key Features

- ✓ Fully expandable system from 1-96 Loops with distributed intelligence for added security
- ✓ 125 device addresses per loop
- ✓ Up to 96 Loop sounders with 32 individually programmable addresses per Loop
- ✓ Compatible with major analogue addressable communications protocols
- ✓ 2 Fire output changeover relays and 1 Fault output relay (NC)
- ✓ Open collector outputs for Fire, Fault and pre-alarm remote indication
- ✓ 2 fully monitored sounder outputs on main panel and each sub panel
- ✓ Repeaters with optional integrated Sub-Panels (J-NET-REP + Loop Card)
- ✓ Blank box option for Sub Panels
- ✓ Detector loops fully monitored for integrity
- ✓ 384 programmable zones
- ✓ 512 fully programmable sounder and I/O groups
- ✓ Event Log 2000 entries FIFO
- ✓ Backlit LCD display 4 row * 40 characters
- ✓ Multiple programming options, onboard keypad, Remote IR(optional), PS2 Keyboard
- ✓ Windows™ based GFE CONNECTOR Software for Programming with Laptop PC
- ✓ Windows™ based PC Graphics package ODYSSEY for alarm management and reporting(Optional)
- ✓ Multiple Language support (menu selectable)
- ✓ MODBUS (ASCII & RTU) and BMS support
- ✓ Evacuate / Class Change input (optional)



Technical Specifications	1 to 4 LOOPS	4 to 13 LOOPS
LOOPS	1 to 4 loops - max 275mA per loop	4 to 13 loops - max 275mA per loop
SOUNDER OUTPUTS	2 at 28V DC/500mA each	4/6/8 24V DC/ 500mA each
AUX. RELAYS FIRE	2 rated 50 VAC/DC 1A resistive	2 rated 50 VAC/DC 1A resistive
AUX. RELAY FAULT	1 rated 50 VAC/DC 1A resistive	1 rated 50 VAC/DC 1A resistive
AUX POWER OUTPUT	28V DC 600mA	28V DC 600mA
ADDITIONAL OUTPUTS	Multiplexed up to 384 Zones	Multiplexed up to 384 Zones
PRIMARY SUPPLY	85 - 265 V AC, 50/60Hz	85 - 265 V AC, 50/60Hz
SECONDARY SUPPLY	28 V DC Nominal	28 V DC Nominal
POWER SUPPLY RATING	65 W (1-3 Loop) - 150 W (4 Loop)	150W(4-6 Loop)-200W(7-13 Loop)
QUIESCENT CURRENT (NO DEVICES)	130mA(1-3 Loop) - 180mA(4 Loop)	130mA + 90 mA/sub-panel
BATTERIES (INTERNAL)	2 x 12V 12 AH	2 x 12V 12 AH
DIMENSIONS	H: 375 W: 345 D: 139 mm	H: 420 W: 550 D: 127 mm
WEIGHT (NO BATTERIES)	5,1 Kg (no batteries)	8,1 Kg (no batteries)
OPERATING TEMPERATURE	0°C to +40°C	0°C to +40°C
STORAGE TEMPERATURE	-10 to +50°C	-10 to +50°C
HUMIDITY/ PROTECTION	max 85% no condensation - IP21	max 85% no condensation - IP21

Order Code	Juno Net EN54-Self Contained	Order Code	Juno Net EN54-Self Contained
J-NET-EN54-SC-001	1 Loop - PSU 2.4A	J-NET-EN54-SC-007	Large Box - 7 Loops - PSU 7.5A
J-NET-EN54-SC-002	2 Loops - PSU 2.4A	J-NET-EN54-SC-008	Large Box - 8 Loops - PSU 7.5A
J-NET-EN54-SC-003	3 Loops - PSU 2.4A	J-NET-EN54-SC-009	Large Box - 9 Loops - PSU 7.5A
J-NET-EN54-SC-004	4 Loops - PSU 5A	J-NET-EN54-SC-010	Large Box - 10 Loops - PSU 7.5A
J-NET-EN54-SC-004-L	Large Box - 4 Loops - PSU 5A	J-NET-EN54-SC-011	Large Box - 11 Loops - PSU 7.5A
J-NET-EN54-SC-005	Large Box - 5 Loops - PSU 5A	J-NET-EN54-SC-012	Large Box - 12 Loops - PSU 7.5A
J-NET-EN54-SC-006	Large Box - 6 Loops - PSU 5A	J-NET-EN54-SC-013	Large Box - 13 Loops - PSU 7.5A

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