

Premier AD Analogue Addressable Fire Alarm Panel (NPAD)



The Premier AD is a 2 loop analogue addressable fire alarm panel which has been designed to be as simple to use as a conventional fire alarm panel.

It has 2 addressable loops (divided into 16 zones) and 4 conventional sounder circuits. The sounder circuits operate on common alarm, but can be individually tested or disabled.

The Premier AD supports a serial repeater, includes a real time clock and has 2,048 capacity event log. It can also be connected to an RS232 desktop printer for real time event log printing (Epson LQ300+ recommended).

Model	NPAD
Part No.	37-150
Supply Voltage	230V AC +/- 10%
System Voltage	24V DC (Nominal)
Number of Loops	2
Loop Capacity	126 Devices
Number of Zones	16
Sounder Output	4 x Conventional Sounder Circuits, 250mA each or Addressable Sounders
Fault Output	1 x Relay Selv @ 1A (Normally Energised)
Fire Output	1 x Relay Selv @ 1A
Operating Temperature	-0°C to 50°C
Enclosure Size	485 x 395 x 120mm
Weight	6 KG

Zonal Addressing

All devices are assigned to specific zone based on their address. This removes a programming step and helps to streamline the commissioning process. The following table outlines which addresses fall in which zones.

Loop & Address	Zone
Loop 1: Address 1-16	Zone 1
Loop 1: Address 17-32	Zone 2
Loop 1: Address 33-48	Zone 3
Loop 1: Address 49-64	Zone 4
Loop 1: Address 65-80	Zone 5
Loop 1: Address 81-96	Zone 6
Loop 1: Address 97-112	Zone 7
Loop 1: Address 113-126	Zone 8

Loop & Address	Zone
Loop 2: Address 1-16	Zone 9
Loop 2: Address 17-32	Zone 10
Loop 2: Address 33-48	Zone 11
Loop 2: Address 49-64	Zone 12
Loop 2: Address 65-80	Zone 13
Loop 2: Address 81-96	Zone 14
Loop 2: Address 97-112	Zone 15
Loop 2: Address 113-126	Zone 16

Features

- ✓ 2 loop addressable fire alarm panel (each loop with a 126 device capacity)
- ✓ Complies fully to EN54 parts 2 & 4
- ✓ Devices can be grouped into 16 zones (each with a 16 device capacity)
- ✓ Flame retardant ABS plastic
- ✓ Set of changeover relay contacts for fault condition
- ✓ Set of changeover relay contacts for relay condition
- ✓ 2,048 event log (fire & fault)
- ✓ Zone or device disablement
- ✓ One man test mode
- ✓ Plug & play, no need for any special tools or laptop for commissioning
- ✓ Fully integrated qwerty keypad
- ✓ All associated devices are loop powered