

# Simplicity Plus Analogue Addressable Fire Alarm Panel (SP-64/M, SP-126/M, SP-252/M)



## Features

- ✓ One or two loop addressable fire alarm panel (64, 126 or 252 device capacity)
- ✓ Complies fully to EN54 parts 2 & 4
- ✓ User definable zones
- ✓ Option for zonal or common alarm operation
- ✓ Options for I/O operation
- ✓ Alarm verification (help prevent false alarms)
- ✓ User selectable languages
- ✓ Set of changeover relay contacts for fault condition
- ✓ Set of changeover relay contacts for fire 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

## Alarm Verification

To help prevent false alarm causing a full evacuation, any smoke detector can be set to alarm verification mode with a time delay of between 30 seconds and 4 minutes. Should any of these detectors go into alarm then only the detector's LEDs and sound/flasher base (if connected) will activate. Should the alarm not be cleared with this time delay then a common alarm will occur.

The Simplicity Plus is the ideal introduction to the world of addressable fire alarm panels.

As its name suggests, it has been designed with ease of use in mind, using pre-programmed values for its programming options. The installer simply needs to configure the loop and enter text labels via the built in keypad (optional).

The Simplicity Plus panels have user definable zones, option for zonal or common alarm operation, options for I/O operation, alarm verification and user selectable languages.

It can be connected to an RS232 desktop printer for real time event log printing (Epson LQ300+ recommended) and it can also drive a serial repeater model AD-REP (Part No. 37-156).

## Zonal Addressing

All devices are assigned to a 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.

Zone	SP-252/M		SP-126/M		SP-64/M	
	Loop	Address	Loop	Address	Loop	Address
1	1	1-32	1	1-16	1	1-16
2	1	33-64	1	17-32	1	17-32
3	1	65-96	1	33-48	1	33-48
4	1	97-126	1	49-64	1	49-64
5	2	1-32	1	65-80		
6	2	33-64	1	81-96		
7	2	65-96	1	97-112		
8	2	97-126	1	113-126		

Model	SP-252/M	SP-126/M	SP-64/M
Part No.	37-177	37-165	37-160
Supply Voltage	230V AC +/- 10%		
System Voltage	24V DC (Nominal)		
Number of Loops	2	1	1
Loop Capacity	126 per loop (252 total)	126 devices	64 devices
Number of Zones	8	8	4
Sounder Output	Addressable Sounders Only		
Fault Output	28V Repeat Output to Drive Relay (Normally Energised)		
Fire Output	28V Repeat Output to Drive Relay		
Operating Temp	-0°C to 50°C		
Enclosure Size	375mm x 335mm x 125mm		