

Simplicity Plus

Description

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.

The Simplicity Plus 252 has user definable zones, options for zonal or common alarm operation, 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 can also drive a serial repeater model EF-AD-REP (Part No. 37-156E).



Features

- Two loop addressable fire alarm (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
- 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 timedelay then a common alarm will occur.

Zone 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 shows the default programming.

Loop & Address	EF-SP-252/M
1: Address 1 - 32	Zone 1
1: Address 33 - 64	Zone 2
1: Address 65 - 96	Zone 3
1: Address 97 - 126	Zone 4
2: Address 1 - 32	Zone 5
2: Address 33 - 64	Zone 6
2: Address 65 - 96	Zone 7
2: Address 97 - 126	Zone 8

Model	EF-SP-252/M
Part No.	37-177E
Supply Voltage	230Vac +/- 10%
System Voltage	24Vdc
Number of Loops	2
Loop Capacity	126 Devices per loop (Total 252)
Number of Zones	8
Sounder Output	Addressable sounders only
Fault Output	Relay VFCO 30Vdc IA
Fire Output	Relay VFCO 30Vdc IA
Operating Temperature	-0°C to 50°C
Enclosure Size	375mm x 335mm x 125mm