



Addressable Panels

Syncro AS - Analogue Addressable 1 or 2 Loop Control Panels



BS-EN54-2
BS-EN54-4
KM 73505

Features

- 16 zonal LED indicators
- 2 programmable sounder circuits
- 5 programmable inputs
- 3 programmable relays
- 3A power supply
- Large graphic display
- Real time clock
- Expandable from 1 to 2 loops*
- Certified to EN54-2/ EN54-4
- Up to 512 additional programmable I/O via Syncro I/O modules *
- Powerful, network wide cause and effects *
- Sensitivity adjustment and Drift Compensation
- Can be networked with Syncro control panels *
- Compatible with Focus and View repeaters *
- Supports Apollo, Argus Vega and Hochiki protocols
- Same look and feel as Syncro range
- Stores 500 last events in event log
- Dial up modem connection available
- Compact, stylish enclosure
- Installer friendly, removable equipment chassis
- Different language and character set variants available
- Fully EN54-2 and EN54-4 compliant improved front loading Printer option, only available in an M3 size enclosure. * **

* These items not available on Syncro AS Lite panel

** Not CP-R approved. If you are based in the EU and require a Printer option please view datasheet 85.

Product Overview

- Syncro AS is a versatile range of open protocol fire alarm control panels compatible with existing Syncro fire alarm panel technology.
- Available with one or two detection loops capable of hosting up to 126 devices (Apollo), 240 devices (Argus Vega) or 127 devices (Hochiki). Syncro AS uses leading edge microprocessor based electronics to provide a flexible control system with high reliability and integrity.
- Suitable for all small to medium sized fire detection systems, Syncro AS control panels can be expanded and networked to become part of much larger systems if the need arises, therefore providing a future proof solution for any installation.
- With its large graphical display and ergonomic button and indicator layout, the Syncro AS control panel is simple and straight forward to understand for installers, commissioning engineers and end users alike.

Config. Features

- Comprehensive day/night mode facility Programmable
- one touch test mode
- Powerful and versatile cause & effect programming
- Cause & effect wizard including:
 - Cause & effect action
 - Disablement configuration
 - Test mode configuration



Model No. #80161M2

xplorer

(Also backward-compatible with Series 90 detectors)

XP95

DISCOVERY

ARGUS SECURITY

Series 90

HOCHIKI
EST.
COMPATIBLE

Approvals registered under Kentec Electronics Ltd



Addressable Panels

Syncro AS Technical Specifications

Construction	-	1.2mm mild sheet steel
IP Rating	-	IP30
Finish	-	Epoxy powder coated
Colour - lid & box	-	BS 00 A 05 grey - fine texture
Colour - controls plate & labels	-	RAL 7047 light grey - satin
Weight	-	6kg (standard panel)
Display	-	8 lines of 40 characters graphic LCD
Mains voltage supply	-	110 or 230V AC 50 or 60 Hz.(specify when ordering, default is 230V)
Mains supply fuse	-	1.6A 250V
Power supply DC rating	-	24V 3 Amps
Aux 24V supply	-	Fused at 500 milliamps
Maximum Battery size	-	9Ah 12V (2 per panel) (non-networked)
Fault contact rating	-	30V DC 1 Amp
Fire contact rating	-	30V DC 1 Amp
Alarm contact rating	-	30V DC 1 Amp
Sounder output rating	-	Fused at 1 Amp each
Detection loop	-	400 milliamp output
Detector protocols	-	Apollo (S90, XP95, Discovery), Argus Vega or Hochiki ESP
Printer port	-	Serial RS232
Serial expansion port	-	Serial RS485(Compatible with all Syncro I/O modules)
PC port	-	Serial RS232
Network connection	-	RS485 - Up to 64 panels via fully fault tolerant optional network
Remote Silence input (SIL)	-	cardSwitched -ve
Remote fault input (FLT)	-	Switched -ve
Remote reset input (RES)	-	Switched -ve
Remote alert input (INT)	-	Switched -ve
Remote evacuate input (CNT)	-	Switched -ve
Download lead	-	Standard S187, X187LS economy
Configuration	-	Via Loop Explorer PC utility
PC graphics	-	Via Guide systems
Modem	-	Optional dial up modem for remote diagnostics (Can be fitted to M3 size enclosure only)

Product Code	Protocol	Zones	Loops	Printer	Dimensions (mm)
A80161M2	Apollo	16	1	No	385 x 310 x 90
A80162M2	Apollo	16	2	No	385 x 310 x 90
A80161M3	Apollo	16	1	No	385 x 520 x 110
A80162M3	Apollo	16	2	No	385 x 520 x 110
A80161MP	Apollo	16	1	Yes	385 x 520 x 110**
A80162M3	Apollo	16	2	Yes	385 x 520 x 110**

** Not currently CP-R approved. If you require a printer with Syncro AS panel, please refer to Datasheet 85.