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

SYNCRO AS

Analogue Addressable Control Panel 1-2 loop

Features

- Expandable from 1 to 2 loops*
- Network up to 64 panels
- 2 programmable sounder circuits
- 5 programmable inputs
- 3 programmable relays
- 3A power supply
- Up to 512 additional programmable I/O via Syncro I/O modules *
- Powerful, network wide cause and effects *
- Sensitivity adjustment and Drift Compensation
- Compatible with View repeaters *
- Supports Apollo, Argus Vega and Hochiki protocols
- Stores 500 last events in event log
- Installer friendly, removable equipment chassis
- Different language and character set variants available
- Approved and certified to EN54-2/ EN54-4

Description

Syncro AS is an analogue addressable fire control panel, available in either one or two detection loops. It combines compact and practical styling with the programming power and connectivity normally associated with much larger systems.

With its ease of use and simplicity to install, Syncro AS is straightforward to understand for installers, commissioning engineers and end users alike. Using the latest microprocessor, it provides a flexible control system with high reliability and integrity.

Being a multi-protocol panel, enabling choice to our customers, Syncro AS supports Apollo, Argus Vega and Hochiki detection, making it ideal for small and medium sites that require advanced fire sensing and evacuation options. It can thought be expanded and networked to become part of much larger systems if the need arises, therefore providing a future proof solution for any size of installation.

Syncro AS is also available as a Lite version offering a cost-effective solution for smaller standalone installations requiring only one detection loop.

Specification	
Construction	1.2mm mild sheet steel
IP Rating	IP30
Finish	Epoxy powder coated
Colour - lid & box	BS 00 A 05 grey - fine texture
Colours - control plates & 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

Kentec Electronics Ltd

Please note * These items not available on Syncro AS Lite panel. If you require a Printer with a Syncro AS panel please view Datasheet

Specification

Aux 25V 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 card
Remote Silence input (SIL)	Switched -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 Ockular
Modem	Optional dial up modem for remote diagnostics (Can be fitted to M3 size enclosure only)

Product Options

K555	Fault tolerant Network interface card	K556P	Modem module (PSTN) (M3 size enclosure only)
K560	16 channel input/output board	K768AS	Printer Module - New front loading feature (M3 size enclosure only)
K547	8 way relay extender board	K18002	Retrofit Vision Window Door (M2 size enclosure only)
K546	6 way sounder extender board	B3472	Thermal Printer Paper Roll
K545	4 way conventional detection zone board		

Panels Lite

Product Code	Protocol	Zones	Loops	Printer	Size (mm)
LA80161M2	Apollo	16	1	No	385 x 310 x 90
LV80161M2	Argus Vega	16	1	No	385 x 310 x 90
LH80161M2	Hochiki	16	1	No	385 x 310 x 90

Kentec Electronics Ltd

Panels

Product Code	Protocol	Zones	Loops	Printer	Size (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**
A80161M3P	Apollo	16	1	Yes	385 x 520 x 110**
A80162M3P	Apollo	16	2	Yes	385 x 520 x 110**
V80161M2	Argus Vega	16	1	No	385 x 310 x 90
V80162M2	Argus Vega	16	2	No	385 x 310 x 90
V80161M3	Argus Vega	16	1	No	385 x 520 x 110**
V80162M3	Argus Vega	16	2	No	385 x 520 x 110**
V80161M3P	Argus Vega	16	1	Yes	385 x 520 x 110**
V80162M3P	Argus Vega	16	2	Yes	385 x 520 x 110**
H80161M2	Hochiki	16	1	No	385 x 310 x 90
H80162M2	Hochiki	16	2	No	385 x 310 x 90
H80161M3	Hochiki	16	1	No	385 x 520 x 110**
H80162M3	Hochiki	16	2	No	385 x 520 x 110**
H80161M3P	Hochiki	16	1	Yes	385 x 520 x 110**
H80162M3P	Hochiki	16	2	Yes	385 x 520 x 110**

* For versions with no enable control keyswitch, replace the 0 in the part number with a 1 for example, A80161M2 becomes A81161M2.
** Not currently CP-R approved.
If you require a Printer with a Syncro AS panel please view Datasheet 85.