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

Syncro AS

IMPROVED!

Single or Two Loop Analogue Addressable Control Panel

xplorer

XP95

DISCOVERY

(Also backward-compatible with Series 90 detectors)

Series 90

HOCHIKI ESP COMPATIBLE ®

ARGUS SECURITY

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 * **

* These items not available on Syncro AS Lite panel
** Can be fitted to M3 size enclosure only

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 straightforward 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

Specification

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

* Flush versions are available to order (See price guide).

Lite Panels

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

Technical

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
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
Battery (24 hour standby)	- 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 Guide systems
Modem	- Optional dial up modem for remote diagnostics (Can be fitted to M3 size enclosure only)

Options

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