

Syncro AS Control Panel *Product Datasheet*

Key features

- Zonal LED indicators
- Stores 500 last events in event log
- Powerful and versatile cause & effect programming
- Programmable inputs
- Programmable relays
- Programmable sounder circuits
- Up to 126 wireless FireCell devices per loop
- Integrated power supply
- Third party EN certified



Product overview















The FireCell Syncro AS is a versatile open protocol fire control panel, using leading edge microprocessor based electronics, to provide a flexible control system with high reliability and integrity.


Available with one or two detection loops, Syncro AS fire control panels are capable of hosting up to 126 wireless devices per loop. With a potential mix of 252 wireless FireCell and hardwired field devices per panel, FireCell is the perfect wireless and hybrid fire system solution.

Further expansion can be achieved using wireless or hardwired networking to form larger systems, providing a future proof solution for any installation.

Syncro AS is third party EN certified and compatible with the EMS FireCell system and EMS Fusion Radio Loop Module (*RLM*).








Technical data

-  Steel enclosure, 1.2 mm BMT
-  RAL9001
-  IP30, indoor use only
-  385 x 310 x 90 mm (W x H x D)
-  6 kg (standard panel)
-  230 VAC mains supply
-  Mains supply fuse: 1.6 A
-  PSU DC rating: 24 VDC 3A (Syncro AS)
-  2x 12 V lead acid batteries *
* Refer to the FireCell Current Consumption document (MK153) for battery requirements
-  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
-  Detection circuits (loops); 400 mA each
Aux 24 VDC; fused at 500 mA
Fire contact; volt free, 1 A at 30 VDC
Fault contact; volt free, 1 A at 30 VDC
Alarm contact; volt free, 1 A at 30 VDC
2x Programmable relays; volt free, 1 A at 30 VDC
4x Sounder circuits; each fused at 1 A (total load 2 A)
-  XP95 Protocol
-  Serial RS232, 9-pin D-type
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-  RS485 networked; up to 64 panels* via fully fault tolerant optional network card.

Radio networked up to 16 panels* via network card & Radio Network Communicators (RNCs).

*** Not including the Syncro AS Lite Panel**

-  Download via FC-000-KEN programming lead
-  Configuration via Loop Explorer software; free to download from www.emsgroup.co.uk
-  PC graphics; available upon request
-  Optional dial up modem for remote diagnostics; available upon request
-  KM 73505
-  EN EN54-2 & EN54-4
-  FC-LA80161M2 (Syncro AS Lite, 1 loop 16 zone)
Note: not expandable
FC-A80161M2 (Syncro AS, 1 loop 16 zone)
FC-A80162M2 (Syncro AS, 2 loop 16 zone)

All panels listed above are surface mounted, complete with enable keyswitch and exclude backup batteries.