

## Syncro / Syncro AS Control Panel *Product Datasheet*

### Key Features

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- 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



Syncro AS

Syncro

### Product Overview

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

Available with one, two or four detection loops, both Syncro and Syncro AS Fire Control Panels are capable of hosting up to 126 wireless devices per loop. With a potential mix of 504 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.

Both models are third party EN certified and compatible with the EMS FireCell system and EMS Fusion Radio Loop Module (RLM).

# Technical Data

-  Steel enclosure, 1.2mm BMT
-  RAL9001
-  IP30, indoor use only
-  Syncro AS; 385mm(W) 310mm(H) 90mm(D)  
Syncro; 500mm(W) 355mm(H) 117mm(D)
-  Syncro AS; 6kg (standard panel)  
Syncro; 10Kg (standard panel)
-  230Vac mains supply
-  Mains supply fuse: 1.6A (Syncro AS) / 3A (Syncro)
-  PSU dc rating: 24Vdc 3A (Syncro AS) / 24V dc 4A (Syncro)
-  2x 12V 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); 400mA each  
Aux 24Vdc; fused at 500mA  
Fire contact; volt free, 1A @ 30Vdc  
Fault contact; volt free, 1A @ 30Vdc  
Alarm contact; volt free, 1A @ 30Vdc  
2x Programmable Relays; volt free, 1A @ 30Vdc  
4x Sounder Circuits; each fused at 1A (total load 2A)
-  XP95 Protocol
-  Serial RS232, 9-pin D-type
-  Serial RS232, 9-pin D-type

-  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)  
\* All Syncro and Syncro AS Control Panels can be networked, except 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](http://www.emsgroup.co.uk)

-  PC Graphics; available upon request

-  Optional dial up modem for remote diagnostics; available upon request

-  KM 73505

-  EN54-2 & EN54-4

-  FC-LA80161 M2 (Syncro AS Lite, 1 loop 16 zone)  
Note: Not expandable

FC-A80161 M2 (Syncro AS, 1 loop 16 zone)

FC-A80162 M2 (Syncro AS, 2 loop 16 zone)

FC-ENSA63482 03 (Syncro, 2 loop 48 zone)

FC-ENSA63484 03 (Syncro, 4 loop 48 zone)

FC-ENSA63964 03 (Syncro, 4 loop 96 zone)

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

Other variants available upon request.