

FCPK 2-8 Conventional Control Panels



The Fire Protection Scotland Ltd's FCPK 2-8 Fire Alarm Control Panel is a flexible, expandable conventional system available from 2 to 8 zones.

The panel is designed to be aesthetically pleasing with a contrasting membrane fascia incorporating tactile controls with a key switch

override and matches the other panels in the range. The FCPK 2-8 control panel can greatly reduce wiring installation costs by utilising its unique 2-Wire zone configuration. This allows sounders to be wired on the same trigger zone circuit, therefore eliminating the need for the sounder circuitry wiring.

- Available from 2 to 8 zone
- Designed to comply with BS5839 pt 4 1988 and EN54 pts 2 & 4
- Programmable microprocessor based system
- Enclosure is manufactured from high quality steel, available with optional flush bezel.
- Has built in power supply and charger unit, accepts 2 No. 12 volt 6 Ampere hour batteries
- One man commissioning - allows trigger devices and sounders to be automatically reset after alarm initiation.
- Zone configuration allows for conventional or Sav-Wire working per zone.
- Zone Isolation - allowing individual zones to be disabled for maintenance or other work to be carried out. During zone isolation, the zone sounders are still active.
- Zone Alarm isolation - allowing the zone alarms to be disabled whilst the detection for that zone is still active.
- De-latch facility to allow non-latching of individual zones with or without alarms.
- A maximum of 7 Active AND 7 passive repeaters may be connected to the panel

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SPECIFICATION	
Panel Dimensions	385mm wide, 310mm high, 95mm deep
Operating Voltage	230V 50Hz AC (UK) - other voltages available
Power Supply	3 Amp maximum output
Sounder Output	2 short and open circuit protected monitored outputs 500 mA output per conventional sounder circuit. Total 1.6A max
Auxiliary Relay	2 x Volt free changeover contacts 1 Amp 24V max. per relay
Detector Circuit	Sav-Wire to operate with Sav-Wire type detector bases
Maximum Devices	20 per zone
2-Wire alarm zone	Optional 350 mA max alarm load per zone
Devices Supported	All Apollo, Hochiki, Nittan and most other manufacturers detectors. Please check for details
Quiescent Current	65mA (2 Zone), 93mA (8 Zone)
Display	8 LED zone Fire indicators, 8 LED zone Fault indicators, 1 LED common Fire indicators
Keyboard	Membrane click action tactile 11 keys
Fascia	Contrasting grey colour as standard, other options available
Number of zones	2 - 8 as standard
Additional Equipment	2 way sounder expansion card, 4 wire repeater panel, Auxiliary Dual Relay PCB's, Multi-function Timer PCB, Modem driver PCB's for connection to the BT network, Line I/O unit
Auxiliary Outputs	Common Fire, Common Fault, 24v supply
Auxiliary Inputs	Ring Bells (Class Change) (COV), Reset, Silence Alarms (SAL)

Specifications

The MAC-1, MAC 1-2 and MAC 1-4 Panels conform to the following standards:

- ▼ BS5839-4 : 1988 with optional Zonal Fire LED's
- ▼ BS EN54-2: 1997 +A1 +AC
- ▼ BS EN54-4: 1998 +A1 +A2
- ▼ BS EN60950: 2000 Safety of information technology equipment
- ▼ BS EN50130-4: 196 Product Family Standard
- ▼ EMC Directive 89/336/EEC (and the amending directive 92/23/EEC)
- ▼ Low Voltage Directive 73/23/EEC

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