

HFP AP-S

Analogue Addressable
2-4 Loop Control Panels



Product shown with optional 96 zone LED indicators

Features

- ✓ 2 or 4 loop versions as standard
- ✓ Larger enclosure available
- ✓ 0, 16, 48 or 96 zone indicators
- ✓ Network up to 64 panels/repeaters
- ✓ 4 programmable sounder circuits as standard
- ✓ 5.25 amp power supply to EN54 part 4
- ✓ Large graphic display
- ✓ In built help and alarm information screens
- ✓ Certified to EN54-2 / EN54-4
- ✓ Real time clock
- ✓ Supports loop powered sounders and beacons
- ✓ Sensitivity adjustment and Drift Compensation
- ✓ Soft-touch tactile buttons
- ✓ 2 programmable function buttons
- ✓ 3 programmable front panel mounted LEDs
- ✓ Improved Front loading printer (optional)
- ✓ Up to 512 programmable inputs/outputs per panel via 2 wire RS485 serial link (optional)
- ✓ Simple Windows® graphical configuration utility

Product Overview

The HFP Multi Loop Analogue Addressable Fire Control Panel range offers a powerful and scalable solution for fire detection and alarm systems.

With proven and mature software at its heart, the HFP range benefits from many years of development and refinement to provide a fire alarm control panel range of outstanding robustness, versatility and flexibility.

HFP multi-loop fire panels have a large clear display, context sensitive help screens, easy navigation menus, versatile configuration options and simple controls all enhanced by the power and flexibility that comes from compatibility with other components of the multi-loop HFP system and peripherals.

HFP fire panels fully support Hochiki ESP loop drivers, which are capable of providing up to 400 milliamp of loop current for the most demanding applications.

An integral 5.25 Amp power supply and temperature compensated battery charger provides ample power for the 4 standard sounder outputs, loop powered sounders and fully loaded loops of devices.

Product Number	Description	Extras
HFP AP-2SS	2Lp Panel (no zone indicators)	16, 48 & 96 Zone LED indicator, Flush mounting, Network card, Printer, Keyswitch
HFP AP-4SS	4Lp Panel (no zone indicators)	16, 48 & 96 Zone LED indicator, Flush mounting, Network card, Printer, Keyswitch, Large Enclosure 4SS

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
Weight	10kg (standard panel)
Display	8 lines of 40 characters graphic LCD
Detection circuits (Loops)	2 or 4 (400mA each)
Zone LED's	0, 16, 48 or 96 (up to 500 software zones)
4 sounder circuits	Each fused at 1 Amp (total load 2 Amp)
Fire contact	Volt free 1 Amp 30V DC
Alarm contact	Volt free 1 Amp 30V DC
Fault contact	Volt free 1 Amp 30V DC
Programmable relay 1	Volt free 1 Amp 30V DC
Programmable relay 2	Volt free 1 Amp 30V DC
Fire routing output	Monitored-voltage reversing, fused at 500mA
Fault routing output	Monitored-voltage reversing, fused at 500mA
Extinguisher output	Monitored-voltage reversing, fused at 1A
Fault input	Volt free contact input signals fault
Reset input	Volt free contact input resets fault
Intermittent input	Volt free contact input pulses sounder outputs
Continuous input	Volt free contact input for continuous sounders
Silence input	Volt free contact input silences sounders
Programmable input 1	Volt free contact for any action required
Programmable input 2	Volt free contact for any action required
Programmable input 3	Volt free contact for any action required
Auxiliary 24V DC output	Fused at 500mA
System fuse	5 Amp self-resetting poly-fuse
Mains fuse	20mm 3 Amp
Operating Temperature	-5 to +50°C
Operating humidity	To 95% (non-condensing)
Mains voltage supply	110 or 230V AC 50 or 60 Hz. (Specify when ordering, default is 230V)
Battery (24 hour standby)	12Ah 12V (2 per panel) (non-networked)
Day/night modes	2 with variable device sensitivity
Input delays	Individual for each device selectable up to 2 minutes
Output delays	Individual 2-stage to 10 minutes per stage
2 programmable function buttons	Programmable to carry out any cause and effect, disablement or test action
3 programmable indicators	Red/Yellow/Green to indicate any action
Network (option)	Up to 64 panels on 2 wires (Network Card required)
Printer (option)	New front loading feature
Download lead	HFP AP-DLL (standard) or HFP APS-DLL (economy)
Dimensions (mm)	500 x 355 x 117