

LATITUDE 2-16 LOOP

Addressable Fire Control Panel

Features

- ▶ Compliant with EN54-2, EN54-4, EN54-13
- ▶ 500mA loop current
- ▶ 4 programmable sounder circuits each rated at 2.5 A
- ▶ 5.25 A or 10.25 A, power supply options
- ▶ 3 programmable inputs
- ▶ 5 programmable relay outputs
- ▶ Hard wired fire and fault routing inputs and outputs
- ▶ Up to 512 programme Input/ Output via optional plug in and serially connected expansion cards
- ▶ Modular electronics
- ▶ Over 4000 sub address points per panel
- ▶ Option to “invert” inputs and outputs
- ▶ Powerful, standard configuration templates
- ▶ 127 loop addresses (up to 254 addresses utilising extended addressing feature)
- ▶ Network up to 127 panels
- ▶ Configurable via USB port to PC or memory stick
- ▶ 2 ancillary serial ports.



Product appearance varies depending on model selected

Description

Hochiki's Latitude Fire Control Panel offers flexible fire detection and alarm control for medium to large facilities.

This versatile system supports 2 to 16 loops, potentially supporting up to 2032 devices. Its intuitive touchscreen interface simplifies operation and configuration. The panel features robust networking capabilities, allowing integration of up to 127 panels. With advanced cause-and-effect programming, the Latitude panel ensures precise alarm management.

Compatible with Hochiki's wide range of ESP sensors, modules, and alarm equipment, it provides a comprehensive fire protection solution.

The system's expandability and backward compatibility make it an ideal choice for both new installations and system upgrades.

Specification

Size	Deep Enclosure - 540mm (W) x 720mm (H) x 212mm (D)
Construction	1.5mm mild sheet steel
Cable entry	50 knockouts top, 26 knockouts back, 1 knockout each side
Battery Capacity	45 Ah -Deep Enclosure
Finish	Epoxy powder coated
Colour - Lid & Box	BS 00 A 05 fine texture
Power supply voltage	230 VAC or 115 VAC
Power supply rating at 24V DC	5.25 A (charges up to 26 Ah) or 10.25 A (charges up to 45 Ah)
Weight (kg)	20
Approvals	EN54-2, EN54-4, EN54-13

Specification

Display	Full colour 800 x 480 LCD with resistive touch screen and automatic backlight dimming
Printer	40 column, front loading thermal (optional)
Zone LED indicators	Up to 3 banks of 48 (144) (optional)
Loop addresses	127 (up to 254 addresses utilising extended addressing feature)
Software zones	2000
Software groups	5000
Event log	10,000 events, 1 second resolution. Filterable and printable
Detection loops	2 to 16 added 2 at a time (K758 dual loop cards)
Detection loop current	500 mA each
Sounder circuits	4 each rated at 2.5A, 24 VDC, programmable
Auxiliary 24V supply 1	24 VDC fused at 500 mA
Auxiliary 24V supply 2	24 VDC fused at 500 mA
Default relays	Fault, Fire, Alarm, Programmable 1 and Programmable 2 (all reprogrammable)
Programmable inputs	3, activated by volt free contacts
Auxiliary Serial port A	RS232 programmable
Auxiliary Serial port B	RS232 programmable
Ancillary I/O board serial port	RS485 programmable
Fire Routing (Ifam) serial port	RS485 programmable
USB host port	USB type A
USB device port	USB type B
Fire routing output	Monitored
Fire routing input	Monitored
Fault routing output	Monitored
Fault routing input	Monitored
Extinguisher output	Monitored
Extinguisher input	Monitored
Extinguisher fault input	Monitored

