

Taktis Fire

Analogue Addressable 2-16 Loop Control Panels



Features

- EN54-2 / EN54-4 certified
- 7" full colour resistive touch screen display
Intuitive user interface
- 4 slot or 8 slot versions, each slot supporting a
2-loop detection card
- 2 to 16 detection loops
- 500mA loop current
- Multiple protocols supported on a single panel
- 0, 48, 96 or 144 zone indicators
- Enable control keyswitch as standard
- Front loading printer option (0 and 48 zone
panels)
- Standard panel supports up to 26Ah batteries
- 5.25A and 10.25A EN54-4 power supply
options (on 4 slot panels)
- Deep enclosure option for 45Ah batteries (using
the 10.25A PSU)
- Network up to 128 panels
- 4 programmable sounder outputs
- 5 programmable relays
- 3 programmable inputs
- 24 programmable soft "function keys"
- 10000 event log, with filtering
- Spare slots may be used to add more inputs/
outputs
- Connectivity enabled using the Media Gateway
card

Config. Features

- Configuration application downloaded from a
user specific account
- The user is kept up to date with any new
features and functions
- Free configuration software updates
- Powerful and versatile cause and effect
capability
- 80 character zone location message per zone
- 80 character device location message
- Up to 64 user login accounts supported on the
Taktis panel

Product Overview

- The Taktis product range combines the latest hardware and software to produce a control and indication system, which is powerful and sophisticated, yet simple to use. The 7" full colour touch screen provides a clear, uncluttered and intuitive interface, to minimise end user training requirements.
- Available in 4 or 8 slot variants, with each slot supporting a 2 loop detection card, the Taktis fire control panel ranges from 2 to 16 loops and easily supports more than 2000 detection devices.
- Taktis can be configured to suit all types of system, from the most simple to very complex, utilising secure networking and powerful network-wide cause and effect capabilities.
- A wide array of outputs are provided as standard within the Taktis control panel, however these can be expanded by adding Taktis I/O cards in free slots, including:
 - 16 channel input/output card
 - 8 way conventional zone card
 - 4 way sounder card
 - 8 way relay card



Panels

2-8 Loop Panels

Replace # with -
E - Standard Enclosure
D - Deep Enclosure

TAA E#1 3010 #1

1 = 1 Aperture door
2 = 2 Aperture door
(required for zone indicators and printer)

3 = 10.25A PSU
1 = 5.25A PSU

0 = no printer
P = with printer

1 = 2 Loops
2 = 4 Loops
3 = 6 Loops
4 = 8 Loops

Replace # with -
A - Apollo Protocol
H - Hochiki Protocol
V - Argus Vega Protocol

0 = 0 Zone Indicators
1 = 48 Zone Indicators
2 = 96 Zone Indicators
3 = 144 Zone Indicators

NOTE: Size of enclosure and PSU needs to be considered through use of a Battery Calculator

2-16 Loop Panels

Replace # with -
E - Standard Enclosure
D - Deep Enclosure

TAB E#1 3010 #1

1 = 1 Aperture door
2 = 2 Aperture door
(required for zone indicators and printer)

3 = 10.25A PSU
1 = 5.25A PSU

0 = no printer
P = with printer

1 = 2 Loops 5 = 10 Loops
2 = 4 Loops 6 = 12 Loops
3 = 6 Loops 7 = 14 Loops
4 = 8 Loops 8 = 16 Loops

Replace # with -
A - Apollo Protocol
H - Hochiki Protocol
V - Argus Vega Protocol

0 = 0 Zone Indicators
1 = 48 Zone Indicators
2 = 96 Zone Indicators
3 = 144 Zone Indicators

NOTE: Size of enclosure and PSU needs to be considered through use of a Battery Calculator

Options

Product Description Code

K2003	Panel Network Module
K2008	Panel Network, Ethernet & IFAM Interface Module
K758	2 loop card
K772	16 channel I/O card
K791	8 way relay card
K792	8 way conventional zone card
K793	4 way sounder card

Technical

2-8 loop (4 slot) Enclosure

Size	- 420mm (W) x 590mm (H) x 150mm (D) (Standard)
	- 420mm (W) x 590mm (H) x 195mm (D) (Deep)
Construction	- 1.5mm mild sheet steel
Cable entry	- 28 knockouts top, 19 knockouts back, 1 knockout each side, 2 knockouts bottom (Standard)
	- 38 knockouts top, 19 knockouts back, 1 knockout each side, 2 knockouts bottom (Deep)
Battery Capacity	- Up to 26Ah Standard, Up to 45Ah Deep

2-16 loop (8 slot) Enclosure

Size	- 540mm (W) x 720mm (H) x 150mm (D) (Standard)
	- 540mm (W) x 720mm (H) x 205mm (D) (Deep)
Construction	- 1.5mm mild sheet steel
Cable entry	- 38 knockouts top, 25 knockouts back, 2 knockouts each side, 2 knockouts bottom (Standard)
	- 50 knockouts top, 25 knockouts back, 2 knockouts each side, 2 knockouts bottom (Deep)
Battery Capacity	- Up to 26Ah Standard, Up to 45Ah Deep

All Models

Finish	- Epoxy powder coated
Colour - Lid & Box	- BS 00 A 05 fine texture
Colour - Controls Plate	- RAL7016
Power supply voltage	- 230V AC or 115V AC
Power supply rating at 24V DC	- 5.25A (charges up to 26Ah) or 10.25A (charges up to 45Ah)
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) as standard
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 milliamps each
Sounder circuits	- 4 each rated at 2.5A, 24V DC, programmable
Auxiliary 24V supply 1	- 24V DC fused at 500 milliamps
Auxiliary 24V supply 2	- 24V DC fused at 500 milliamps
Default relays	- Fault, Fire, Alarm, Programmable 1 and Programmable 2 (all re-programmable)
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