



BS-EN54-2  
BS-EN54-4  
KM 73505



## Analogue Addressable Fire Control Panels

### Features

- 2 or 4 loop versions as standard (for 6 - 8 loop versions see DS57 page 10-11)
- Larger versions available (fits 24A/H SLAs)
- Loopless panel option (repeater)
- 0, 16, 48, or 96 zone indicators
- Option for Enable Control keyswitch
- Fully supports Apollo, Argus Vega & Hochiki protocols
- Network up to 64 panels/repeaters
- 4 programmable sounder circuits as standard
- 4 amp power supply to EN54 part 4
- Large graphic display
- In built help and alarm information screens
- Complies with EN54-2/4
- Real time clock
- Supports Apollo, Argus Vega and Hochiki loop powered sounders and beacons
- Supports Apollo Ancillary Base Sounder
- Supports Apollo Intelligent Beam
- Stylish enclosure design
- Soft-touch tactile buttons
- 2 programmable function buttons
- 3 programmable front panel mounted LED's
- Thermal printer (optional)
- Up to 512 programmable inputs/outputs per panel via 2 wire RS485 serial link (optional)
- Simple Windows® graphical configuration utility

### Product Overview

- Available with 2 or 4 detection circuits, each capable of hosting up to 126 devices (Apollo), 240 devices (Argus Vega) or 127 devices (Hochiki). Syncro uses the most advanced microprocessor technology to provide a control system of extremely high integrity.
- Syncro can be configured to suit all types of system, from the most simple, to the highly complex. Its fully integrated and secure network provides an intelligent interface for building control.
- A large area graphic display ensures that information is presented in plain language with detailed extra help available by pressing a 'help' button.
- Syncro supports three of the most widely used communication protocols produced by leading fire detector manufacturers and employs daily calibration routines to ensure that the system is always at optimum performance.

### Config. Features

- Comprehensive day/night mode facility
- Programmable one touch test mode
- Powerful and versatile cause & effect programming
- Cause & effect wizard including:
  - Cause & effect action
  - Disablement configuration
  - Test mode configuration



## Panels

Product Code	Loops	Zones	Size (mm)
EN#6300203	2	0	500 x 355 x 117
EN#6316203	2	16	500 x 355 x 117
EN#6348203	2	48	500 x 355 x 117
EN#6396203	2	96	500 x 355 x 117
EN#6300403	4	0	500 x 355 x 117
EN#6316403	4	16	500 x 355 x 117
EN#6348403	4	48	500 x 355 x 117
EN#6396403	4	96	500 x 355 x 117
EN#6300415	4	0	500 x 460 x 190
EN#6316415	4	16	500 x 460 x 190
EN#6348415	4	48	500 x 460 x 190
EN#6396415	4	96	500 x 460 x 190

'#' - replace with 'A' for Apollo protocol,  
'V' for Argus Vega protocol or 'H' for Hochiki protocol.  
Flush versions are available to order (See price guide).  
For fitted printer add 'P' after stock code.

## Options

### Product Code Description

K552#	Loop extension card (loops 3 & 4)
K555	Fault tolerant Network interface card
K232SYN	Thermal printer kit (for retrofitting to non-printer models)
K560	16 channel input/output board
K547	8 way relay extender board
K546	6 way sounder extender board
K545	4 way conventional detection zone board
K556P	Modem module (PSTN)

'#' - replace with 'A' for Apollo protocol,  
'V' for Argus Vega protocol or 'H' for Hochiki protocol.

## Technical

### Finish

### Colour - lid & box

### Colour - controls plate & labels

### Detection circuits (Loops)

### Zone LED's

### Display

### 4 sounder circuits

### Fire contact

### Alarm contact

### Fault contact

### Programmable relay 1

### Programmable relay 2

### Fire routing output

### Fault routing output

### Extinguisher output

### Fault input

### Reset input

### Intermittent input

### Continuous input

### Silence input

### Programmable input 1

### Programmable input 2

### Programmable input 3

### Auxiliary 24V DC output

### System fuse

### Mains fuse

### Operating Temperature

### Operating humidity

### Mains voltage supply

### Battery (24 hour standby)

### Day/night modes

### Input delays

### Output delays

### 2 programmable function buttons

### 3 programmable indicators

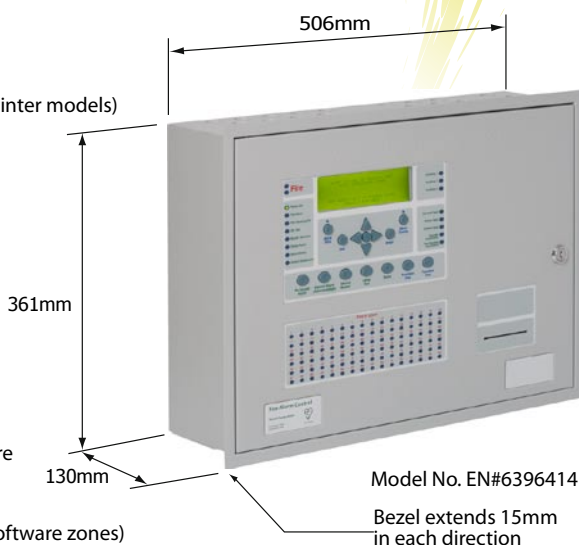
### Network (option)

### Printer (option)

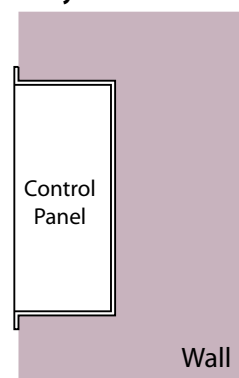
### Download lead

- Epoxy powder coated
- BS 00 A 05 grey - fine texture
- RAL 7047 light grey - satin
- 2 or 4 (400mA each)
- 0, 16, 48, or 96 (up to 500 software zones)
- 8 lines of 40 characters graphic LCD
- Each fused at 1 Amp (total load 2 Amp)
- Volt free 1 Amp 30V DC
- Volt free 1 Amp 30V DC
- Volt free 1 Amp 30V DC
- Volt free 1 Amp 30V DC
- Volt free 1 Amp 30V DC
- Monitored-voltage reversing, fused at 500mA
- Monitored-voltage reversing, fused at 500mA
- Monitored-voltage reversing, fused at 1A
- Volt free contact input signals fault
- Volt free contact input resets panel
- Volt free contact input pulses sounder outputs
- Volt free contact input for continuous sounders
- Volt free contact input silences sounders
- Volt free contact for any action required
- Volt free contact for any action required
- Volt free contact for any action required
- Fused at 500mA
- 5 Amp self-resetting polyfuse
- 20mm 3 Amp
- -5 to +50 deg. C
- To 95% (non-condensing)
- 110 or 230V AC 50 or 60 Hz.  
(specify when ordering, default is 230V)
- 12Ah 12V (2 per panel) (non-networked)
- 2 with variable device sensitivity
- Individual for each device selectable up to 2 minutes
- Individual 2-stage to 10 minutes per stage
- Programmable to carry out any cause & effect, disablement or test action
- Red/yellow/green to indicate any action
- Up to 64 panels on 2 wires (S555 Network Card required)
- 40 column thermal
- S187 (standard) or X187LS (economy)

# Specifications



### Flush Syncro Control Panel



### Flush mount cross section

**Note:** There is one size for all standard flush Syncro control panels. For the hole size we recommend that you allow 5mm clearance all round.