

# Analogue Addressable Fire Control Panel Repeaters

#### **Features**

- 0, 16, 48, or 96 zone indicators
- Network up to 64 panels/repeaters
- 4 amp power supply to EN54 part 4
- Large graphic display
- In built help and alarm information screens
- Complies with EN54-2
- Real time clock
- 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**

- Syncro Response is a full function repeater panel used to compliment the Syncro control panel range. Syncro Response uses the most advanced microprocessor technology to provide a control system of extremely high integrity.
- Syncro Response can be configured to suit all types of system, to provide selectable event reporting and controls from each panel on the network.
- A large area graphic display ensures that information is presented in plain language with detailed extra help available by pressing a "help" button.
- Syncro networks support three of the most widely used communication protocols used by leading fire detection manufacturers.

### **Config. Features**

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



#### **Panels**

<b>Product Code</b>	<b>Loops Zones</b>	Size (mm)	Construction

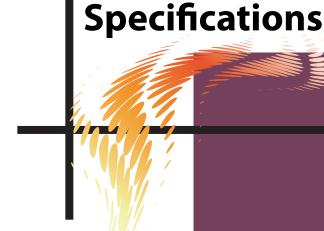
 K6100003
 0
 0
 500 x 355 x 117
 All steel enclosure

 K6116003
 0
 16
 500 x 355 x 117
 All steel enclosure

 K6148003
 0
 48
 500 x 355 x 117
 All steel enclosure

 K6196003
 0
 96
 500 x 355 x 117
 All steel enclosure

Flush versions are available to order. For fitted printer add 'P' after stock code



## **Options**

#### **Product Code Description**

**K232SYN** Thermal printer kit

(for retrofitting to non printer models)

K560 16 channel input/output boardK547 8 way relay extender boardK546 6 way sounder extender board

**K545** 4 way conventional detection zone board

**K556P** Modem module (PSTN)

#### **Technical**

Finish - Epoxy powder coated
Colour - Iid & box - BS 00 A 05 grey - fine texture
Colour - controls plate & labels - RAL 7047 light grey - satin

**Zones** - 0, 16, 48, or 96

Display - 240 x 64 pixels graphic LCD
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
Auxiliary 24V DC output - Fused at 500mA

**System fuse** - 5 Amp self-resetting polyfuse

Mains fuse- 20mm 3 AmpOperating Temperature- 5 to +50 deg. 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)** - 12V 12Ah (2 per panel)

**Day/night modes** - 2 with variable device sensitivity

**Input delays** - Individual for each input 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 & effect, disablement or test action

**3 programmable indicators** - Red/yellow/green to indicate any action

**Printer (option)** - 40 column thermal

**Download lead** - S187 (standard) or X187LS (economy)

Note: Syncro Response is supplied complete with S555 network interface card fitted.

**Note:** If this panel is to be fitted to an existing system the main panel must be also be fitted with and S555 network interface card to enable communications. 6 & 8 loop panels have a network card fitted as standard.