

SYNCR0

ANALOGUE ADDRESSABLE CONTROL PANEL

The Syncro series is a powerful range of analogue addressable control panels to suit all sizes of system. Panels are available with 2 or 4 detection circuits, each capable of hosting up to 127 devices. 64 panels may be networked together.

Syncro panels can be configured to suit any system from the most simple to the highly complex. Profiting from the latest in microprocessor technology, the Syncro range offers advanced programming incorporated into user-friendly and dependable panels.



Using large graphic display, Syncro panels present information clearly and in plain language. They also feature a 'help' function that offers more detailed information when required. Syncro supports both the Hochiki and Apollo communication protocols. The panels employ daily calibration routines to ensure that the system is always at optimum performance.

FEATURES

PANEL

- 2 or 4 loop versions as standard
- 0,16, 48 or 96 zones
- Network of up to 64 panels/repeaters
- Loopless panel option (repeater)
- Fully supports Hochiki and Apollo protocols
- 4 programmable sounder circuits as standard
- 4amp power supply to EN54 part 4
- Large graphic display
- In built help and alarm information screens

- Complies with EN54 parts 2/4
- Real time clock
- Fully supports loop powered sounders
- Modern enclosure features attractive ABS fascia
- Soft-touch tactile buttons
- 2 programmable function buttons
- 3 programmable front mounted LEDs
- Remote maintenance via fast 56K modem, option or upgrade
- Thermal printer (optional)
- Up to 496 programmable inputs/outputs per panel via

- 2 wire RS485 serial link (optional)

- Simple Windows® graphical configuration utility

CONFIGURATION

- 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

SPECIFICATIONS

Box	ABS/Steel enclosure with powder coated finish – Telegrey 4 Ral 7047
Dimensions l x w x d (mm)	500 x 355 x 127
Detection circuits	2 or 4 (300mA) each
Zones	0, 16, 48 or 96
Display	240 x 64 pixels graphic LCD
4 Sounder circuits	Each fused at 1 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
Fault routing output	Monitored-voltage reversing
Extinguisher output	Monitored-voltage reversing
Fault input	Volt free contact input signals fault
Reset input	Volt free contact input resets panel
Intermittent input	Volt free contact input pulses sounder outputs
Continuous input	Volt free contact 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	20mm 5 Amp
Mains fuse	20mm 3 Amp
Battery fuse	20mm 2 Amp
Operating temperature	-5 to +50°C
Operating humidity	To 95% (non-condensing)
Mains voltage supply	110 or 230V AC50 or 60 Hz
Battery (24hr standby)	12Ah 24V
Day/night modes	2 with variable device sensitivity
Input delays	Individual for each device selectable up to 2 minutes
2 programmable function buttons	Programmable to carry out any cause & effect, disablement or test action
3 programmable indicators	Red/yellow to indicate any action
Programmable I/O cards (option)	Up to four 16 way modules 2 wire RS485
Network (option)	Up to 64 panels on 2 wires
Modem (option)	56k PCMCIA (upgradeable to new standards)
Printer (option)	40 column thermal

ORDER CODES

Order codes are made up of the prefix 'sync' and any combination of suffixes. Add the appropriate suffixes depending on what is required. E.g. SYNC248PF would be a 2 loop, 48-zone panel with printer and flush mounting.

Prefix	No. of loops	No. of zones	Optional printer	Optional flush fit
SYNC	2	0	P	F
		16		
	4	48		
		96		

**Panel includes power supply unit, batteries sold separately
48 and 72 hour secondary power support available**

Issue P05W.08.05