

Analogue Addressable Fire Control Panels



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

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



WFP Fire and Security

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Tel: 0845 481 0307 • Fax: 0845 481 0309 • Online: www.w-fp.co.uk

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Panels

	Product Code	Loops	Zones	Size (mm)
2 Loop Panels	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
4 Loop Panels	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
4 Loop Panels Larger Enclosure	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

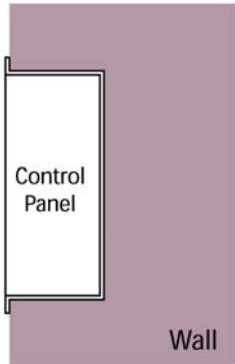
Options

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.

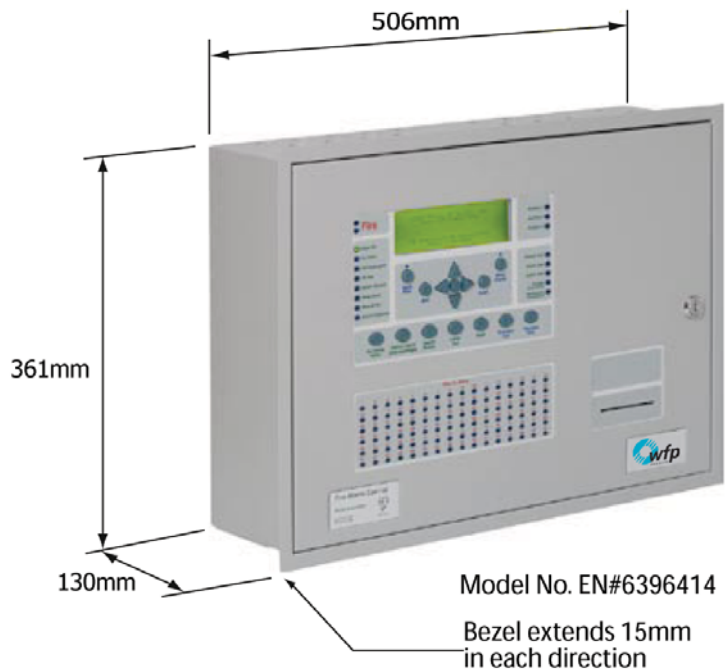
'#' - replace with 'A' for Apollo protocol, 'V' for Argus Vega protocol or 'H' for Hochiki protocol. Flush versions are available to order (See price guide). For fitted printer add 'P' after stock code.

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.



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Technical

Finish	Epoxy powder coated
Colour - lid & box	BS 00 A 05 grey - Ine texture
Colour - controls plate & labels	RAL 7047 light grey - satin
Detection circuits (Loops)	2 or 4 (400mA each)
Zone LED's	0, 16, 48, or 96 (up to 500 software zones)
Display	240 x 64 pixels graphic LCD
4 sounder circuits	Each fused at 1 Amp (total load 2 Amp)
Fire contact	Each fused at 1 Amp (total load 2 Amp)
Alarm contact	Each fused at 1 Amp (total load 2 Amp)
Fault contact	Each fused at 1 Amp (total load 2 Amp)
Programmable relay 1	Each fused at 1 Amp (total load 2 Amp)
Programmable relay 2	Each fused at 1 Amp (total load 2 Amp)
Fire routing output	Monitored-voltage reversing, fused at 500mA
Fault routing output	Monitored-voltage reversing, fused at 500mA
Extinguisher output	Monitored-voltage reversing, fused at 1A
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 input 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	5 Amp self-resetting polyfuse
Mains fuse	20mm 3 Amp
Operating 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)	12Ah 12V (2 per panel) (non-networked)
Day/night modes	2 with variable device sensitivity
Input delays	Individual for each device 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
Network (option)	Up to 64 panels on 2 wires (S555 Network Card required)
Printer (option)	40 column thermal
Download lead	S187 (standard) or X187LS (economy)

The manufacturer reserves the right to amend specifications without prior notice.

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