

ELAN

HS-5200

TWO LOOP ANALOGUE ADDRESSABLE FIRE ALARM CONTROL PANEL



The HS-5200 series of control panels are fully expandable from 1 - 2 loops and supplied with 2 on-board sounder circuits, 20 programmable zonal LED's with slide-in labels, and 25 system LED's for information purposes. There are also 4 programmable function buttons with LED indication for confirmation of operation.

The control panel consists of the latest dual flash-based microprocessor technology combined with a high resolution / high contrast graphical LCD display and tactile keypad providing a simple 'Select & Click' programming aid for engineer configuration and end-user operation.

Powerful cause and effect programming coupled with 'Dynamix' zoning, and enhanced 'Trace Diagnostics' makes the panel suitable for a wide range of site applications from small to large complex multi-area systems. Fully programmable on-site via the on-board alphanumeric keypad, or PC-Net configuration software.

An extensive suite of user-friendly Windows based PC software programs have been developed to enhance your experience when using the Elan series of fire panels. The suite incorporates a number of different programmes to include a Configuration, Service, Logo and Virtual Panel Tool to allow the flexibility of the equipment to be fully explored.

Simply adding a network card allows the panel to communicate with any other Elan fire panel, current range of Advanced Electronics fire panels, Remote Terminal, or Network Peripheral, such as, 'ipGateway™' or BMS/Graphical Interface. The network operates as a true peer-to-peer system and can be configured in a fault-tolerant loop or radial format.

Features at a glance

- Fully approved to EN54 part 2, 4 & 13 and CE marked under the Construction Products Regulation (CPR)
- Global compliance
- Open protocol system
- 3 year warranty as standard
- Large graphical LCD user interface
- Powerful cause & effects programming
- True, peer to peer networking
- On board printer option (M enclosure only)
- 20 zonal LED indicators
- Programmable push buttons



G-210022



BS-EN 54-2 & 4



0786-CPD

Models	Description
HS-520x	Multi loop panel in standard enclosure
HS-520xL	Multi loop panel in large enclosure

x - Please insert loop driver quantity, 1 or 2

+44 (0) 1895 424505

Compatibility

ELAN HS-5200 control panels are open protocol and currently support, Apollo XP95/Discovery & Hochiki ESP protocols.

Features

- 20 programmable Zonal / 25 System LED's with slide-in labels.
- Dedicated loop driver for Apollo & Hochiki protocol support.
- Advanced graphical LCD user interface and support for up to 200 fire zones by default allowing full EN54 compliance without additional hardware expansion.
- Dual flash-based microprocessor technology with Real-Time Clock on-board.
- Dedicated USB & RS232 Serial Port for direct PC or modem connection.
- Installer friendly 'Auto-learn', 'Loop Detection' and on-board Scope facility for ease of Commissioning and Fault finding.
- Fully programmable via the on-board alphanumeric keypad, or PC configuration tools.
- The Graphical display can be configured to operate with virtually any language or character set, and allow the installer's logo to be applied using the 'Logo' application software.
- Robust removable equipment chassis with plug-in connectors for simple fixing and cable termination.
- Integral 'P-Bus' for system expansion via available option cards.
- Connection to the 'Ad-Net' peer-to-peer network is achieved using a simple plug-in network card allowing the system to share up to 2000 zones with full cross panel reporting, control and site-wide cause and effect functionality.

Base Technology

Dual flash-based Processors with Real-Time Clock, 'Trace' Diagnostics, Programmable Languages and Character Sets

Display

White Backlit 240 x 64 Graphical LCD

LED Indicators

4 Red (3 x Fire, 1 x More Alarms), 1 Green (Power) & 20 Amber (Fault & System)

Controls

Alpha Numeric Keypad permitting Navigation, Reset, Mute, Silence, Resound, Evacuate, and 4 x Programmable Push Buttons

No of Fire Zones

2000 'Dynamix' (200 per individual panel)

No of Loops

Dedicated 1 - 2 loop control panel

Loop Current

500mA per loop

On Board Sounder Circuits

2 x 1 amp, programmable

On Board Relays

2 x 1 amp, 30v AC/DC programmable (10mA, 5v min) - Expandable using HS-507

Auxiliary Supply

1 x 24v, 500mA

Programmable Input

1 x monitored, programmable input, on board

Programmable Key Switch Inputs

8 x Volt Free Digital Inputs

Total Available Output Current

5A maximum, available for loop current + sounder outputs + auxiliary supply

Mains Supply

200 - 240v 47-63 Hz AC (+10%, -15% tolerance) 1.4A Max

Battery Capacity

24V 4Ah Internal (min), 24V, 12Ah Internal (max),

Large Enc. (L) = 24v, 18Ah Internal (max)

Charger Current

2A temperature compensated

Serial Port

1 x On-board RS232 connection for PC, Modem, IP, or Portable Printer

USB Interface

1 x USB B type connection for PC Communication

Programming

On board keypad or PC running Windows tools

Event Log

5000 event & diagnostic + 500 fire

Networking

Optional plug in Network Card (HS-503 - Standard, or HS-509 - Fault-Tolerant)

Enclosure / Colour

Steel IP30 / Radon MW334E Interpon powdercoat

Cable Entry (20mm Knockouts)

17 x Top, 11 x Rear & 2 x Bottom, Large Enc. (L) = 19 x Top, 11 x Rear, & 2 x Bottom

Size, H x W x D mm

Standard Enc: 340 x 430 x 115

Large Enc. (L): 470 x 450 x 115,



Haes Systems Limited

Columbia House

Packet Boat Lane

Cowley Peachey

Uxbridge

UB8 2JP

United Kingdom

Tel: +44 (0) 1895 422066

Fax: +44 (0) 1895 420603

Direct Sales Line: +44 (0) 1895 424505

Email: enquiries@haes-systems.co.uk

Web: www.haes-systems.com

Company Registration No. 1146067 UK



Assessed to ISO 9001
LPCB Ref. No. 810

© 2014 Haes Systems Ltd. The information contained herein is subject to change without notice. Haes Systems Ltd shall not be liable for technical or editorial errors or omissions contained herein.

Data Sheet DS0021 Issue 2.0