

DATASHEET

1 LOOP FIRE ALARM CONTROL PANEL

HY-GO/66 & HY-GO/240

The HY-GO panels are the next step in intelligent single loop fire alarm systems. Its innovative design includes several safety improvements and upgrades to critical safety features. It still retains all the benefits and user friendly features of significantly larger system orientated fire panels.

An ergonomic layout of the control panel is combined with a high resolution, high contrast, graphical LCD display. The tactile keypad allows simple arrow guided select-and-click programming for efficient engineer configuration as well as providing the end user with simple operation for day to day activities.

Coupled with function performance, the panel includes integral zonal LEDs which enable instant identification of alarm locations, ideal for smaller installations. This ensures compliance with BS5839 without the cost of a separate LED zonal card.

The panel is available in two options offering a different number of configurable addresses. This gives greater flexibility for site specific installations. The panel PCB integrates both panel and peripherals on the same board ensuring simple installation and reliable operation.

Both HY-GO panels are fully programmable on site via the control panel display or with a dedicated easy-to-use PC configuration tool supporting state of the art false alarm management. The panel also has enhanced trace diagnostics to make the panel suitable for a wide range of site applications, from small to medium systems.



KEY FEATURES

- Dedicated Hyfire (Argus) protocol
- 3 Year warranty
- Advanced graphical LCD user interface and support for up to 50 fire zones by default allowing full EN54 compliance without additional hardware
- Integral 15 Programmable zonal LEDs ensuring BS5839 compliance and 14 system LEDs. An additional 35 software indication zones.
- 500 Fire & 5000 General event logging supported by diagnostic and fault-finding tools
- Dedicated USB Type B port for direct PC or modem connection
- Future proofed ethernet connectivity
- Optional 3 monitored Input/Outputs for Fire/Fault routing (with additional peripheral bus adapter and routing card) for full EN54 compliance when connected to an Alarm Receiving Centre
- Two on-board sounder outputs, three on-board Relay outputs
- Graphical display and panel configurable for multiple languages
- Installers logo application
- Installer friendly auto-learn and loop detection complete with onboard fault-finding tools
- Robust removable chassis, simple plug-in connectors and an innovational 'no hinge' removal door for easier installation
- Meets EN54-13 (2020) Clauses 5.3.4.1 & 5.3.4.2 for complete peace of mind

STANDARDS & APPROVALS

- EN54-2:1997 +A1:2006
- EN54-4:1997 +A1:2002
- EN54-13:2020



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SPECIFICATION

Display	White backlit 240 x 64 graphical LCD (6 lines of 40 characters)			
LED Indicators	3 Red (1 x Fire, 2 x More activation alarms, 15 programmable zonal), 1 Green (Power), 10 Yellow (Fault, Disable, Test, & System indications)			
Controls	Alpha numeric keypad permitting arrow navigation, Reset, Mute, Silence, Resound & Evacuate			
Protocol	Hyfire (Argus Vega)			
Number of Fire Zones	50			
Number of Loops	1			
Devices per Loop	HY-GO/66, 66 & HY-GO240, 240			
Loop Current	500mA			
On-Board Sounder Circuits	2 x 1 Amp programmable (1A Total)			
On-Board Relays	3 x 1 Amp 30V AC/DC (max) programmable (10mA, 5V min.)			
Auxiliary Supply	1 x 24V 100mA (with additional GOP-001 card fitted)			
Programmable Input	1 x Monitored programmable input on-board			
Programmable Key Switch Inputs	1 x Volt free input			
Total Available Output Current	3A Maximum available for loop current + sounder outputs + Aux. supply			
Mains Supply	200-240V 47-63Hz AC (+10%, -15% tolerance)			
Charger Current	0.35A temperature compensated			
Deep Discharge Cut-off	19.5V			
Power Supply	On-board 24V DC, 1.5A High Efficiency Off-Line Switched Mode			
Imax(a), Imax(b) *	1.15A, 1.5A			
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			
Ethernet	10-Base-T, 100-Base-T			
Programming	On-board keypad or PC running Windows tools			
Event Log	5000 Event & diagnostic + 500 fire			
Networking	Not Available			
Enclose/Colour	Steel IP30/RAL7035			
Safety	EN62368-1, Class 1, Pollution Degree 2, Overvoltage Category II			
Temperature	-5°C to +40°C			
Humidity (RH)	95% Max.			
Metalwork Options	Flushing bezel, battery box, utility enclosure, termination enclosure			
Dimensions & Capacities				
	Battery Capacity	Cable Entry	H x W x D (mm)	Weight (Excl. batteries)
	24V 4Ah(min.) 24V 7Ah (max.)	14 x top	345 x 345 x 87	4Kg

*Only applicable if the panel is configured to turn off the charger in alarm. Otherwise Imax(b)=Imax(a)

SERIES

HY-GO/66	Hyfire Single Loop Panel (66 devices only)
HY-GO/240	Hyfire Single Loop Panel (240 devices)
GOP-001	Hyfire Peripheral BUS Adapter Card
GOP-002	Access Enable Key Switch Assembly
MXP-532	Routing/Protection Interface
MXP-506	Routing Termination Card