

MAGFIRE

Technical Specification



Product Code: MAGPRO9601

Description: Addressable 96 Zone Fire Panel



General Information

Dimensions (mm)	430 x 330 x 120
Colour	Grey RAL 7011
Materials	Metal, powder-coated
Maximum Number of Events in Log	10000
Connection for Firmware Update(s)	Micro USB
LED Indication for Zone Circuits	96 Zone LEDs
System Status Indication	10 LEDs
Weight (Kg)	6 (Without Battery)
Warranty (Years)	3

Supply & Power

Supply Voltage (V AC)	230
Frequency (Hz)	50/60
Fuses	Main Power Supply: T Type 2A Outputs: Fire protection, fire, fault: PTC 3 x 0.1A Auxiliary: PTC 0.3A Sounder: PTC 0.5A Battery: PTC 7A
Loop Voltage (V DC)	24
Maximum Cable Size (mm ²)	1.0 to 2.5
Standby Supply	1 x 12V SLA Battery - Up to 18Ah - Ø5mm (M5) (sold separately)
Current Consumption (A)	2.7
Wiring Type	Addressable

Inputs & Outputs

Programmable Inputs	Up to 250 Soft, Inputs per CIE
Zones	96
Loops	1 (expandable up to 4)(MAGPRO96-L250 required)
Maximum Devices Per Loop	250 (subject to loop calculation)
Maximum Number of Devices (Per CIE)	1000
Number of Zone Groups	48
Programmable Output	Up to 250 Soft, Outputs per CIE
Auxiliary Output	24V DC @ 0.3A
Monitored Outputs	4 (NO, COM)
Monitored Output Ratings	SND (Conventional sounder circuit): 24V DC @ 0.5A Fire R (Fire alarm): 24V DC @ 0.1A Fire P (Fire protection): 24V DC @ 0.1A Fault R (Fault): 24V DC @ 0.1A
Unmonitored Outputs	4 Programmable Relays: NO, COM, NC
Unmonitored Output Ratings	24V DC @ 15A (each)

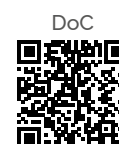
Communication

Protocol Type	Custom (Closed)
Connection for Firmware Update(s)	Micro USB
Display	5" 800 x 480 TFT Touchscreen
Clock	Real time
User Interaction	Touchscreen GUI
Day/Night	Comprehensive day/night mode facility

Unit 7 Target Park, Shawbank Road,
Lakeside, Redditch B98 8YN United Kingdom
T: +44 (0)1527 515150 | F: +44 (0)1527 515143
E: info@espuk.com | W: espuk.com



CLICK OR SCAN



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Environment

Ingress Protection	IP30
Operating Temperature (°C)	-5 to +40
Storage Temperature (°C)	-10 to +60
Relative Humidity Resistance (%)	95

Compatible Products MAGfire range of MAGPRO addressable devices
MAGPRO-NIC: Addressable Network Interface Card
MAGPRO96-L250: Loop Expander for 250 Devices
BAT18: 12V 17Ah SLA Battery
MAGISORP: Fire Panel Isolator Switch
MAGISOWP: Fire Panel Isolator Switch
MAGDUOPK: Pack of 2 Keys

Additional Information RS232 Interface for Thermal printer

Features

- Multi-language menu
- Built-in redundant processor
- Automatic synchronisation of all loop sounders for better alarm signal
- 2 steps of alarm levels (T1 & T2)
- Double address detection & locating functions
- Short circuit detection & locating functions
- Loop break detection
- Changeable company logo on main standby screen
- Built-in LAN card

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