MAG PRO

ADDRESSABLE FIRE PROTECTION

The MAGPro range has been created to balance performance, reliability and aesthetics whilst being fully compliant with CPR and certified to EN54 standards. The range includes everything required to complete a high quality, durable, addressable fire alarm installation.

CPR COMPLIANT ✓

MAGPRO16 - Addressable 16 Zone Fire Panel

CPR COMPLIANT ✓

EN54 CE Made in EU RoHS COMPLIANT 2002/95/EC

16 zone addressable fire alarm panel supplied with 1 loop.
Expandable to 2 loops using MAGPRO16-L250.
A maximum of 250 devices can be connected to each loop.

- 16 Zones
- Maximum 250 devices per loop
- Memory Log: 10,000 events
- Networkable up to 32 Panels
- 4 x 40 character LCD display
- Free programing software
- Micro USB port for PC connection
- Loop & battery calculator software included
- Certified to EN54-2/4

MAGPRO16-L250
Single Loop Expander 250 Devices

INPUTS	Loops	1 expandable to 2
	Devices Per Loop	250
	Protocol	MAGPRO
POWER	Mains Fail Consumption	125mA DC - 1 LOOP 213mA DC - 2 LOOP
	Mains Supply	230V AC + - 10%
	Max Loop Current	500mA DC
	Backup	1x12V 17Ah

OUTPUTS	2 Sounders	24v DC @ 500mA
	4 Programable Relays	24v DC @ 100mA
	3 Monitored Outputs	24v DC @ 100mA
	3 Monitored Inputs	Volt free contacts
ENVIRONMENT	Working Temperature	-5C TO +40C
	Storage	-10C TO 60C
	Humidity	0 - 95%
	Weight	3.6KG
	Dimensions	320 x 220 x 80mm

MAGPRO96 - Addressable 96 Zone Fire Panel

96 zone addressable fire alarm panel supplied with 1 loop. Expandable to 4 loops using additional MAGPRO96-L250's. A maximum of 250 devices can be connected to each loop.

- 96 Zones
- Maximum 250 devices per loop
- Memory Log: 10,000 events
- Networkable up to 32 Panels
- 320 x 240 pixel touch screen display
- Free programing software
- Micro USB port for PC connection
- Loop & battery calculator software included
- Certified to EN54-2/4

MAGPRO96-L250
Single Loop Expander 250 Devices

INPUTS	Loops	1 expandable to 4
	Devices Per Loop	250
	Protocol	MAGPRO
POWER	Mains Fail Consumption	285mA DC - 1 LOOP
		360mA DC - 2 LOOP
		435mA DC - 3 LOOP
		510mA DC - 4 LOOP
	Mains Supply	230V AC + - 10%
	Max Loop Current	500mA DC
	Backup	1x12V 17Ah

OUTPUTS	1 Sounder	24v DC @ 300mA
	4 Programable Relays	110v ac @ 1A
	2 Monitored Outputs	24v DC @ 300mA
	1 Auxillary Output	24v DC @ 300mA
	1 Fault Output	24v DC @ 300mA
ENVIRONMENT	Working Temperature	-5C TO +40C
	Storage	-10C TO 60C
	Humidity	0 - 95%
	Weight	4.2KG
	Dimensions	456 x 350 x 125mm

MAGPRO-SD1 - Addressable Smoke Detector

CPR COMPLIANT

- Sensitivity level selectable from the control panel - High/Normal/Middle/Low
- Protected area - 120m^2
- Installation height - up to 16m
- Day/Night mode
- Low profile design
- LED indication with 360° visibility
- Certified to EN54-7
- Base ordered separately see below

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MAGPRO-DB
Detector Base

MAGPRO-DBS
Sounder Base

MAGPRO-DBSS
Sounder Strobe Base

MAGPRO-HD1 - Addressable Heat Detector

CPR COMPLIANT

- Can work as a fixed temperature or rate of rise detector
- Class A1R, A2S, BS selectable from the control panel
- Day/Night mode
- Protected area - up to 35m^2
- Installation height - up to 3.5m
- Low profile design
- LED indication with 360° visibility
- Certified to EN54-5
- Base ordered separately see below

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MAGPRO-DB
Detector Base

MAGPRO-DBS
Sounder Base

MAGPRO-DBSS
Sounder Strobe Base

MAGPRO-HSD1 - Combined Smoke & Heat Detector

CPR COMPLIANT ✓

- Sensitivity selectable from the control panel - High/Normal/Middle/Low
- Class A1R temperature sensor (according to EN54-5)
- Protected area - up to 120m^2
- Installation height - up to 16m
- Day/Night mode
- Low profile design
- LED indication with 360° visibility
- Certified to EN54–5/7
- Base ordered separately see below

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MAGPRO-DB
Detector Base

MAGPRO-DBS
Sounder Base

MAGPRO-DBSS
Sounder Strobe Base

MAGPRO-WS - Sounder

- Piezo sounder
- Adjustable sound level - 92dB/100 dB
- 32 sound types selectable from the panel
- Loop synchronization and powered
- Certified to EN54–3
- Base MAGPRO-DB ordered separately

CPR COMPLIANT ✓

MAGPRO-DB
Detector Base

MAGPRO-WSS - Sounder Strobe

- Piezo sounder
- Adjustable sound level - 92dB/100 dB
- 32 sound types selectable from the panel
- Loop synchronization and powered
- Certified to EN54–3
- Base MAGPRO-DB ordered separately

CPR COMPLIANT ✓

MAGPRO-DB
Detector Base

MAGPRO-CP - Manual Call Point

- Resettable call point
- Certified to EN54-11-A
- Built in isolator
- IP40 Rated
- Optional protective plastic cover

CPR COMPLIANT ✔

MAGPRO-CPC
Optional plastic cover

MAGPRO-PROG - Programming Tool

For reading/writing addresses and setting of parameters within detectors and modules.

- Built in MAGPRO-DB standard base
- Mains or battery powered (4 x 1.5V not included)
- Programming cable included

MAGPRO-iM - Loop Isolator Module

- Provides protection against short circuit
- Auto reset upon removal of short circuit
- 4 x cable entry points
- A maximum of 30 devices between two isolators
- Certified to EN54-17

CPR COMPLIANT ✔

MAGPRO-MINI - 1 Input Module

- Single volt free contact
- Compact size – 58mm x 25mm x 12mm
- Example applications - Integration of third party control devices
- Compliant to EN54-18

ZRL2 - LED Indicator Plate

- Flash rate - permanent
- Current - 28 mA Max
- Operating Voltage Range - 5-28V DC

CPR COMPLIANT ✓

BAT18 - Back up Battery

- 12V 17ah SLA back up battery

24V Boxed power supplies

BPS-1 - 24V 1 amp Boxed power supply
BPS-2 - 24V 2 amp Boxed power supply
BPS-5 - 24V 5 amp Boxed power supply

Nb Boxed power supplies require 2 x 12V batteries (not supplied)

Door Holders

DR916-24 - 24V DC Door Holder
DR916-240 - 240V AC Door Holder
DR916-FMB - Floor Mounting Bracket
DR916-KP - Spare Keep Plate

ADDRESSABLE MODULES

MAGPRO-R - Mains Relay Output Module with Isolator

- Suitable for control of 240VAC voltage circuits up to 5A
- Loop powered
- Built in isolator
- Compliant to EN54-18
- Example application - AC 240V door magnet override

MAGPRO-2i2O - 2 Input 2 Output Module with Isolator

- 2 Monitored Inputs
- 2 Outputs
- Loop powered
- Built in isolator
- Certified to EN54-18
- Example application - Link to monitoring station signalling devices

MAGPRO-0i4O - 4 Output Module with Isolator

- 4 Relay outputs
- Loop powered
- Built in isolator
- Certified to EN54-18
- Example applications - Shutdown of ventilation equipment and door override

MAGPRO-4i00 - 4 Input Module with Isolator

- 4 Monitored Inputs
- Loop powered
- Built in isolator
- Certified to EN54-18
- Example applications - Input from external equipment, extinguishing/sprinkler panel

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MAGPRO-1OSi - Conventional Sounder Module with Isolator

- Integrate conventional sounders into an addressable system
- Loop powered
- Built in isolator
- Requires 24V PSU
- Compliant to EN54-18

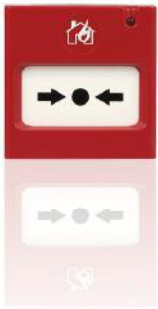EN54   CE   Made in EU   RoHS COMPLIANT 2002/95/EC

MAGPRO-CZM - Conventional Zone Module with Isolator

- Integrate conventional detectors into an addressable system
- Max number of detectors in one zone - 32
- Loop powered
- Built in isolator
- Certified to EN54-18
- Example applications - Integrate conventional equipment i.e. beam detectors

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