

## MAG8plus Conventional Fire Alarm Panel

### EN54-2/4

### Description

MAG8plus is a conventional fire detection and indication panel certificated by EN54-2/4. The panel has 8 fixed and is expanded up to 16 zones with fire detectors and call points. MAG8plus is based on a modular principle - a power unit, a control panel, zone/sounder expanders, an indication module and battery space. A detailed LED indication shows the status of the system, divided in two groups - for technician level and for monitor and observer level. An appropriate mode for zone detector testing by a single person has been implemented - One Man Test.

All zones and sirens within the system can be eliminated (Bypass). Control and indications can be doubled at a remote site up to 1000 meters away with the help of a repeater. Relay outputs, associated with each system zone, can also be added to the system with the help of additional MR8 modules.

The panel have been designed to operate with one 12 V battery back-up power, which reduces the costs by the value of one battery per system.

The MAG8plus is suitable for vast range of applications - big office buildings, schools, supermarkets and other with over 3000m<sup>2</sup>.



1293-CPD-0172

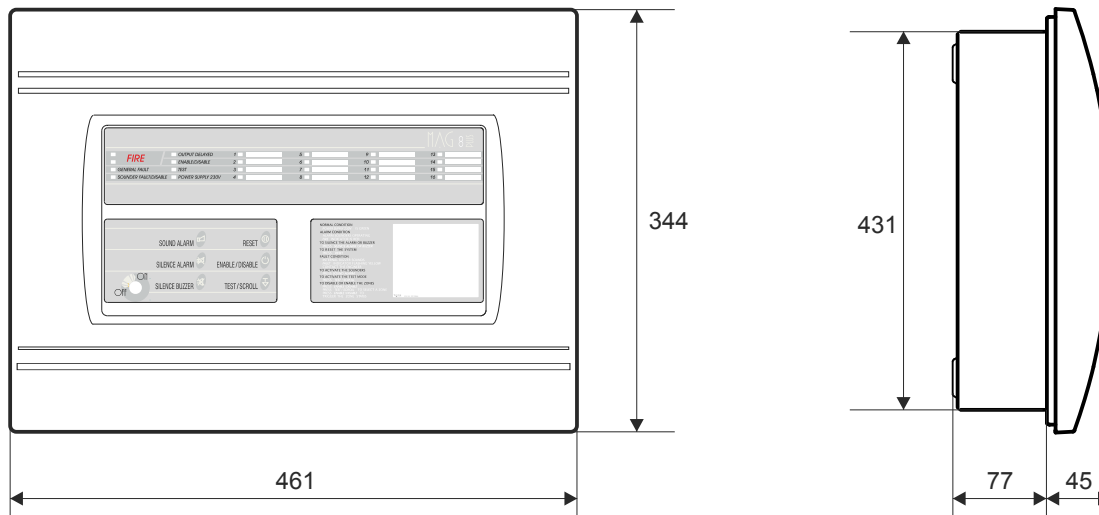
### Technical and Environmental Specifications

Main Power Supply	~230 ± 10%
Frequency	50/ 60Hz
Back-up Power Supply	1 battery, 12V/ 18Ah
Consumption in normal operation mode:	
- With power supply (230V) and charged battery (12V), 4 zones	2.1VA
- With power supply (230V) and charged battery (12V), 16 zones	4.2VA
- With charged battery (12V) and no power supply (230V), 4 zones	130mA
- With charged battery (12V) and no power supply (230V), 16 zones	260mA
Consumption from the battery in Fire Alarm mode:	
- 4 zones connected, Fire Alarm in one of the zones.	330mA
- 4 zones connected, Fire Alarm in all of the zones.	720mA
Outputs (sounder circuits on the control PCB module)	4; 24V/ 0.3
Output, FAULT Relay	1; 12V/1A or 24V/0.5A
Output, FIRE Relay	1; 12V/1A or 24V/0.5A
Fixed zones (expandable)	8 (16)
Detectors per zone / max. number of detectors	32/ 512
Flush mounting	option
Multi language front panels	YES
Operating temperature	-5°C to +40°C
Relative humidity resistance	(93 ± 3)% @ 40°C
Weight (without battery)	~4kg
Dimensions of metal bottom	441x331x80mm
Dimensions of front cover.	461x344x45mm

### Contact Information:

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### Packing Information

- **Single packing box** - 1 unit MAG8plus Fire Alarm Panel, dimensions 490x395x150mm
- **Carton packing box** - 2 units MAG8plus Fire Alarm Panel, dimensions 497x417x325mm

### Compatible Product Range

- **ME4** - Expander for 4 zones
- **MS4** - Expander for 4 sounders
- **SensoMAG Series** - Conventional detectors
- **SF105, SF110, SF200, SF300** - Conventional sounders
- **MR8** - Expander module for 8 relays
- **ML** - LOG module for recording and viewing of events
- **Flush Mounting Kit** - Special kit for flush mounting on 26mm thick drywall

### Available Languages

- English
- German
- Portugal
- Estonian
- Italian
- Dutch
- French
- Latvian
- Bulgarian
- Turkish
- Spanish
- Lithuanian

### Contact Information: