

**Product Code:** MAGDUO8

**Description:** 8 Zone 2-Wire Fire Alarm Panel



### General Information

<b>Dimensions (mm)</b>	331 x 331 x 99
<b>Materials</b>	V0 rated ABS
<b>Maximum Detectors Per Zone</b>	Up to 32 Devices (Dependant on Device Loading Units , 160 per Zone)
<b>Sounders and Detectors Mixed on Zones</b>	Yes
<b>Maximum Cable Length Per Zone (m)</b>	500
<b>Weight (Kg)</b>	2.36
<b>Warranty (Years)</b>	3

### Supply & Power

<b>Supply Voltage (V AC)</b>	230 (Nominal 700mA)
<b>Operating Voltage (V DC)</b>	21 -31
<b>Nominal Operating Voltage (V DC)</b>	24
<b>Nominal Operating Current (mA)</b>	700
<b>Maximum Cable Size (mm<sup>2</sup>)</b>	1.5 (2 Core Screened Fire Rated Cable)
<b>Standby Supply</b>	2 x 12V 3.2 Ah SLA Battery (Sold Separately)
<b>PSU Output (4 Hour Continuous)(A)</b>	2.1

### Inputs & Outputs

<b>Programmable Inputs</b>	2; 3.3 Volts @ 10mA (Un-Monitored)
<b>Monitored Inputs</b>	1; 3.3 Volts @ 10mA
<b>Zones</b>	8; Up to 32 Devices (Dependant on Device Loading Units , 160 per Zone)
<b>Maximum Devices Per Zone</b>	Up to 32 Devices (Dependant on Device Loading Units , 160 per Zone)
<b>Auxiliary Output</b>	24V DC @ 250mA
<b>Output Zones</b>	2 (Up to 32 Devices (Dependant on Device Loading Units , 160 per Zone))
<b>Monitored Outputs</b>	2
<b>Monitored Output Ratings</b>	Rated at 28V DC @ 200mA each
<b>Unmonitored Outputs</b>	2
<b>Unmonitored Output Ratings</b>	Fire & fault; 30V DC @ 1A each
<b>2 Monitored Outputs</b>	Rated at 28VDC @ 200mA each
<b>2 Un-Monitored Outputs</b>	Fire & fault; 30VDC @ 1A each

### Environment

<b>Ingress Protection</b>	IP30
<b>Operating Temperature (°C)</b>	+5 to +40

**Supplied** 2 x Battery leads (1 x Red, 1 x Black), 1 x Battery connecting Lead, 1 x 315mA quickblow fuse, 2 x panel keys, 2 x 680 Ohm resistor, 2 x 10K ohm Resistor, 2 x 3.275K Ohm Resistors

**Standards** BS EN 54-2, BS EN 54-4

### Accessories

BAT32: 12V 3.2Ah SLA Battery  
 MAGDUOPK: 2 MAGDUO Panel Keys  
 MAGDUOPCPS: MAGDUO Software  
 MAGDUOBBB: Battery Expansion Box for MAGDUO

### Features

Can be expanded to 12 Zones with MAGDUOZC4 or MAGDUOCC4

