# MAGDUO®

# Technical Specification

**ESP** ScolmoreGROUP

**Product Code:** MAGDUO2

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

### General Information

| | |
|---|---|
| Dimensions (mm) | 331 x 331 x 99 |
| Finish | Grey |
| Materials | V0 rated ABS |
| Maximum Detectors Per Zone | Up to 32 Devices (Dependant on Device Loading Units , 160 per Zone) |
| Sounders and Detectors Mixed on Zones | Yes |
| Maximum Cable Length Per Zone (m) | 500 |
| Weight (Kg) | 2.25 |
| Warranty (Years) | 3 |

### Supply & Power

| | |
|---|---|
| Supply Voltage (V AC) | 230 (Nominal 700mA) |
| Operating Voltage (V DC) | 21 -31 |
| Nominal Operating Voltage (V DC) | 24 |
| Nominal Operating Current (mA) | 700 |
| Maximum Cable Size (mm²) | 1.5 (2 Core Screened Fire Rated Cable) |
| Standby Supply | 2 x 12V 3.2 Ah SLA Battery (Sold Seperately) |
| PSU Output (4 Hour Continuous)(A) | 2.1 |
| Wiring Type | 2-Wire Conventional |

### Inputs & Outputs

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

### Environment

| | |
|---|---|
| Ingress Protection | IP30 |
| Operating Temperature (°C) | +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

Grey | RoHS COMPLIANT 2002/95/EC | Made In UK | EN54 | CPR COMPLIANT | UKCA | CE | 3 YEAR GUARANTEE