

**Product Code:** MAGDUO2BKIT

**Description:** 2 Zone Two Wire Conventional Fire Alarm Kit



### Component 1

MAGDUO2B - 2 Zone 2-Wire Fire Alarm Panel

### Quantity

1

### Component 2

MAGDUOSHDS - FlexiPoint Combined Smoke & Heat Detector with Sounder

### Quantity

6

#### General Information

Dimensions (mm)	331 x 331 x 99
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
Auxiliary Output	24V DC @ 250mA
Maximum Cable Length Per Zone (m)	500
Weight (Kg)	2.25

#### Supply & Power

Operating Voltage (V DC)	21 -31
Nominal Operating Voltage (V DC)	24
Nominal Operating Current (mA)	700
Standby Supply	2 x 12V 3.2 Ah SLA Battery (Sold Separately)

#### 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)
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 UnMonitored Outputs	Fire & fault; 30VDC @ 1A each

#### Environment

Ingress Protection	IP30
Operating Temperature (°C)	+5 to +40

#### General Information

Dimensions (mm)	ø107 x 75
Sound Output @ 1m (Low) (db)	70+
Sound Output @ 1m (High) (db)	90+
Operating Voltage (V DC)	18 - 32
Maximum Cable Size (mm <sup>2</sup> )	1.5
Wiring Type	2-Wire Conventional
Maximum Current Consumption	23.8mA
Ingress Protection	IP21C
Operating Temperature (°C)	-10 to +50

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<b>Component 3</b> MAGDUOSHDS - FlexiPoint Combined Smoke & Heat Detector with Sounder & Strobe	<b>Quantity</b> 1
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General Information	
Dimensions (mm)	ø107 x 75
Sound Output @ 1m (Low) (db)	70+
Sound Output @ 1m (High) (db)	90+
Device Loading Units (DLU's) - High	16
Maximum Device Loading Units (DLU's)	8
Operating Voltage (V DC)	18 - 32
Maximum Cable Size (mm <sup>2</sup> )	1.5
Wiring Type	2-Wire Conventional
Maximum Current Consumption	28.5mA
Operating Temperature (°C)	-10 to +50

<b>Component 4</b> MAGDUOCP - Call Point	<b>Quantity</b> 2
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General Information	
Dimensions (mm)	87 x 87 x 53 (Surface) 87 x 87 x 25 (Flush)
Device Loading Units (DLU's)	16
Type of the frangible element	A
Operating Voltage (Battery Powered Panel) (V DC)	28 - 26
Maximum Cable Size (mm <sup>2</sup> )	1.5
LED Operation Colour	Red
Wiring Type	2-Wire Conventional
Maximum Current Consumption	16.5mA
Operating Temperature (°C)	-10 to +50

<b>Component 5</b> MAGDUOSHDRT - Head Removal Tool	<b>Quantity</b> 1
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General Information	
Finish	Black
Materials	ABS

**Warranty Years** 3

- 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

**Accessories**

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