

# TWO WIRE FIRE SYSTEMS





## MAGDUO

### MAGDUO, The New Range Of Two-Wire Fire Systems

Unlike standard conventional 4 wired systems where the sounders and detectors are wired on separate circuits, MAGDUO utilises intelligent 2-Wire technology enabling all devices on the same pairs of wires.

This advanced technology can reduce installation and material cost.

- The system is 'Two-Wire' meaning that all system devices can be installed on the same circuit
- Up to 32 devices per zone\* (Dependent on Device Loading Unit: DLU, please refer to product technical specification)
- MAGDUO will support 2-8 Zone applications
- The MAGDUO FlexiPoint detectors are changeable from smoke to heat detection mode using the dip switch settings with 7 different options
- FlexiPoint detectors are also available with inbuilt sounder & strobe options
- The 4 and 8 zone panels support up to 8 repeater panels



**MAGDUO**

fire fault disabled test power

ZONES  
1 2 3 4 5 6 7 8

INTELLIGENT FIRE TECHNOLOGY

fire alarm controls - turn key to enable controls

enable controls

silence alarms reset system sound alarms silence buzzer

system fault	fault
power fault	mains battle
earth fault	fault
zone	fault disabled
zone sounders	fault disabled
line outputs	fault disabled
sounder outputs	fault disabled
service	user engine maintain
delay	active
alarms	sounding silence
buzzer silenced	silence
day/night mode	active



**MAGDUO2** Grey    **MAGDUO2B** Black

**2 ZONE TWO-WIRE FIRE PANEL**

- Two-Wire fire alarm system
- Active end of line monitoring and head removal
- Up to 32 devices per zone\*
- 4 line x 20 character LCD display
- Ability to differentiate between smoke detector, heat detector or a manual call point alarms
- Alarm confirmation feature
- Event log storing up to 500 events
- 3 enhanced test modes
- Zone can be configured to day/night detection mode
- Delay programming options
- Optional extended battery box with capacity for 2 x 12V 7.0Ah batteries



**MAGDUO4** Grey    **MAGDUO4B** Black

**4 ZONE TWO-WIRE FIRE PANEL**

- Two-Wire fire alarm system
- Active end of line monitoring and head removal
- Up to 32 devices per zone\*
- 4 line x 20 character LCD display
- Ability to differentiate between smoke detector, heat detector or a manual call point alarms
- Alarm confirmation feature
- RS485 connection to up to 8 repeater panels
- Event log storing up to 500 events
- 3 enhanced test modes
- Zone can be configured to day/night detection mode
- Delay programming options
- 4 or 8 zone panel can be configured to accept conventional devices on zones 5 to 8 with the optional conventional zone card
- Optional extended battery box with capacity for 2 x 12V 7.0Ah batteries



**MAGDUO8** Grey    **MAGDUO8B** Black

**8 ZONE TWO-WIRE FIRE PANEL**

- Two-Wire fire alarm system
- Active end of line monitoring and head removal
- Up to 32 devices per zone\*
- 4 line x 20 character LCD display
- Ability to differentiate between smoke detector, heat detector or a manual call point alarms
- Alarm confirmation feature
- RS485 connection to up to 8 repeater panels
- Event log storing up to 500 events
- 3 enhanced test modes
- Zone can be configured to day/night detection mode
- Delay programming options
- 4 or 8 zone panel can be configured to accept conventional devices on zones 5 to 8 with the optional conventional zone card
- Optional extended battery box with capacity for 2 x 12V 7.0Ah batteries



**MAGDUOREPB** Black    **MAGDUOREP** Grey  
**REPEATER PANEL FOR MAGDUO**

- Compatible with MAGDUO 4 or 8 zones control panels only
- Reports MAGDUO panel events to a remote location
- Capable of performing system controls (i.e. Silence Alarms, Reset, Sound Alarms & Silence Buzzer)
- Maximum of 8 repeater panels can be connected to a single control panel



**MAGDUOSH D**  
**FLEXIPOINT FIRE DETECTOR**

**MAGDUOSHDS**  
**FLEXIPOINT FIRE DETECTOR WITH SOUNDER**

**MAGDUOSHDS S**  
**FLEXIPOINT FIRE DETECTOR WITH SOUNDER & STROBE**

- 7 modes of fire detection including combined smoke/heat
- Built-in End of Line function
- Self-calibration every 6 hours
- Continuous dust contamination monitoring
- Device wiring base included



**MAGDUOSR** Red    **MAGDUOSW** White  
**MAGDUO CEILING SOUNDER**

- Ceiling mount sounder
- Volume level adjustment
- Built-in End of Line function
- Device wiring base included



**MAGDUOSRSQ** Red    **MAGDUOSWSQ** White  
**MAGDUO WALL SOUNDER**

- Wall mount sounder
- Volume level adjustment
- Built-in End of Line function
- Device base included



**MAGDUOSSLP** Low Profile    **MAGDUOSS** Domed  
**MAGDUO SOUNDER & STROBE LOW PROFILE**

- Complete with 3 sounder modes and LED strobe
- Volume level adjustment
- Built-in End of Line function
- Low profile design or domed option
- Device wiring base included



**MAGDUOSIP55**  
**MAGDUO STROBE IP55**

- IP55 Ingress protection
- LED strobe
- Built-in End of Line function
- Device base included

**MAGDUOSRIP55**  
**MAGDUO SOUNDER IP55**

- IP55 Ingress protection
- Volume level adjustment
- Built-in End of Line function
- Device base included



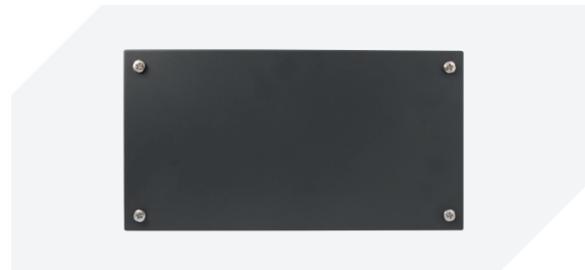
**MAGDUOCP**    **MAGDUOCP65** IP65 Version  
MAGDUO CALL POINT

- Resettable manual call point
- Built-in End of Line function
- Device base included
- Protective cover available - MAGDUOCP



**MAGDUOIOR**  
MAGDUO INPUT / OUTPUT MODULE

- Configure as an input for reporting from other systems or devices
- Configure as an output to control external systems
- Built-in End of Line function



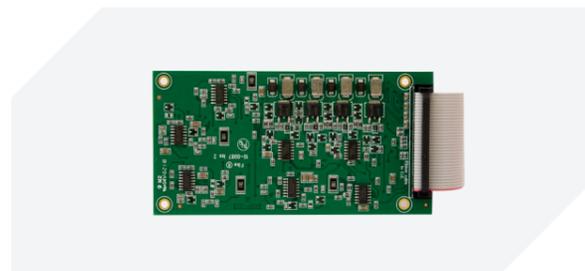
**MAGDUOBBB**  
MAGDUO BATTERY EXPANSION BOX

- Includes; conduit bushes, coupling and battery leads



**MAGDUOSHDDB**  
DETECTOR DEEP BASE

- For use with; FlexiPoint Devices, Internal Ceiling Sounders & Strobes



**MAGDUOZC4**  
4 ZONE EXPANSION CARD

- Expands a 4 zone MAGDUO4 to an 8 zone panel

**MAGDUOCC4**  
MAGDUO 4 ZONE CONVENTIONAL CARD

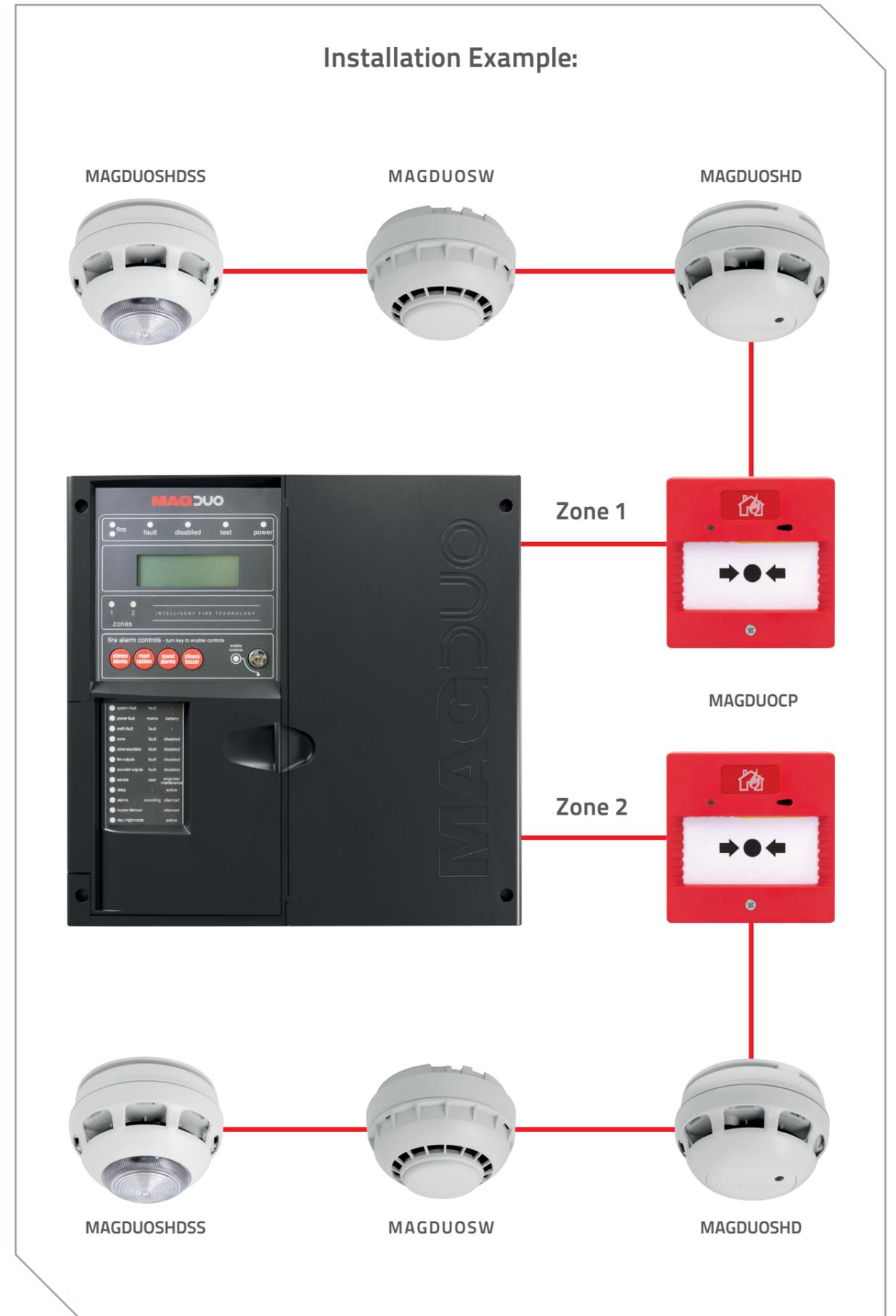
- Expands a 4 zone MAGDUO4 to include an additional 4 zones for conventional detectors and call points



**MAGDUOSHVRT**  
DETECTOR HEAD REMOVAL TOOL

- Required to remove the chamber from the MAGDUO FlexiPoint detectors, sounders and strobes
- The head removal tool may be attached to an extendable pole

### Installation Example:





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