ESP®
ScolmoreGROUP

TWO WIRE
FIRE SYSTEMS

MAGDUO
www.espuk.com

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

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
- Certified to EN54 2/4 Standards

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
- Certified to EN54 2/4 Standards

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
- Certified to EN54 2/4 Standards

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)
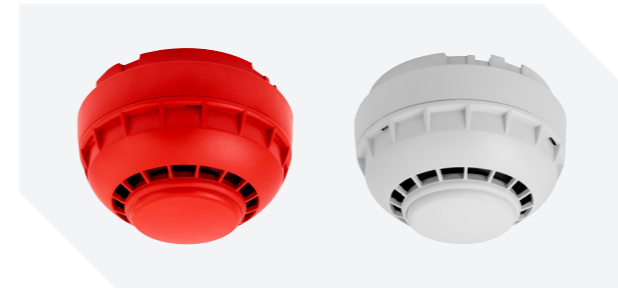- Maximum of 8 repeater panels can be connected to a single control panel

MAGDUOSHD
FLEXIPOINT FIRE DETECTOR

MAGDUOSHDS
FLEXIPOINT FIRE DETECTOR WITH SOUNDER

MAGDUOSHDSS
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   MAGDUOCPIP65   IP65 Version
MAGDUO CALL POINT

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

Protective cover MAGDUOCPC

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

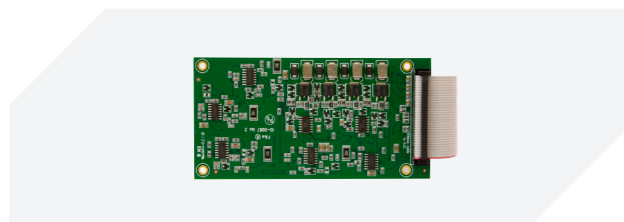- For use with; FlexiPoint Devices, Internal Ceiling Sounders & Strobes

MAGDUOPK
TWO WIRE FIRE PANEL SPARE KEY

- Spare Key for MAGDUO Panels (Pack of 2)
- Suitable for MAGDUO2, MAGDUO4 & MAGDUO8

MAGDUOCPK
SPARE CALL POINT KEY FOR MAGDUO

- Spare Call Point Key for MAGDUO (Pack of 5)
- Suitable for MAGDUOCP & MAGDUOCPIP65

MAGDUOZC4
4 ZONE EXPANSION CARD

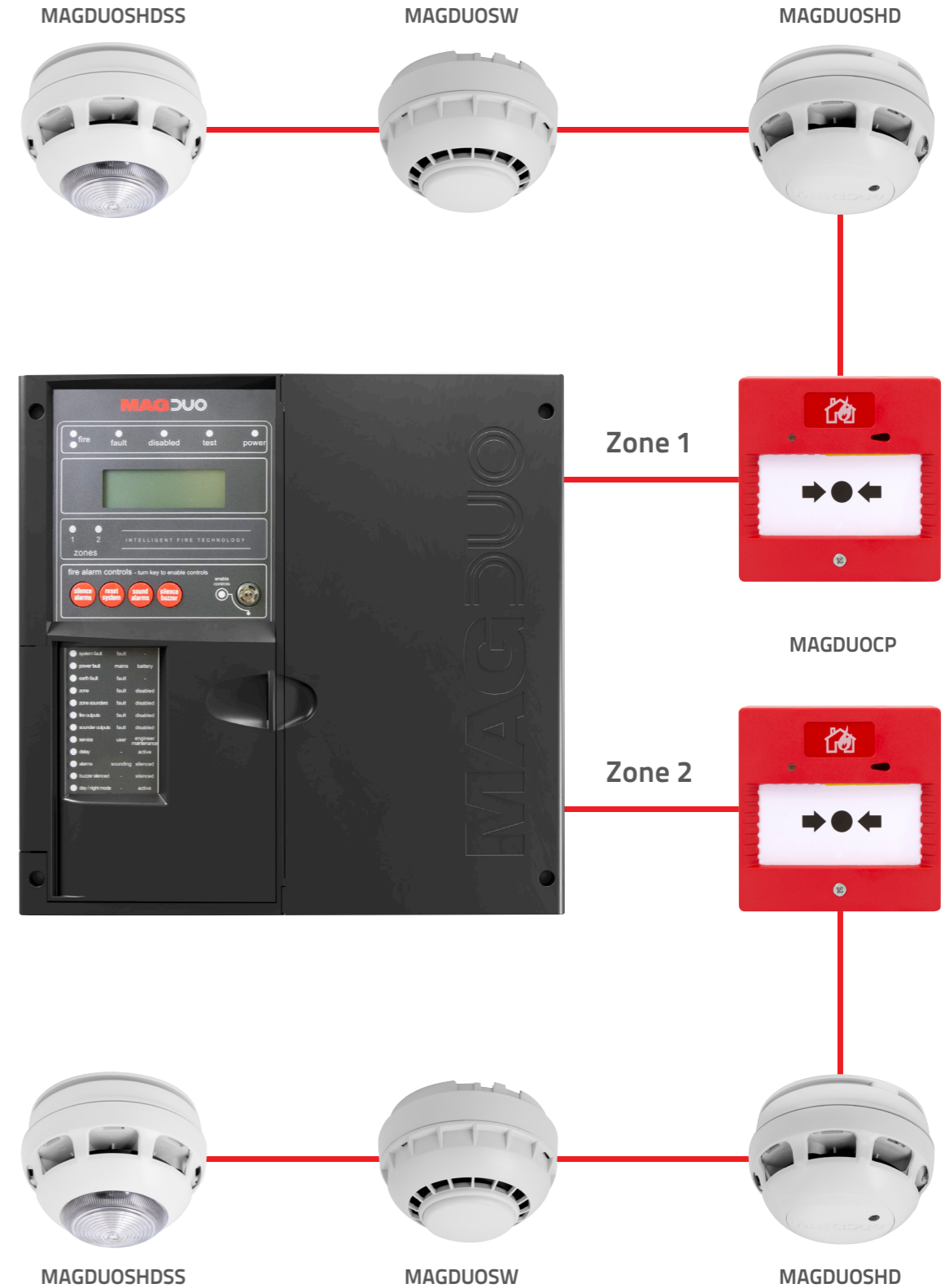- Expands a 4 zone MAGDUO4 to an 8 zone panel

MAGDUOCC4
MAGDUO 4 ZONE CONVENTIONAL CARD

MAGDUOSHDRT
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:

MAGDUOSHDSS   MAGDUOSW   MAGDUOSHD

Zone 1

MAGDUOCP

Zone 2

MAGDUOSHDSS   MAGDUOSW   MAGDUOSHD