2X-A Series

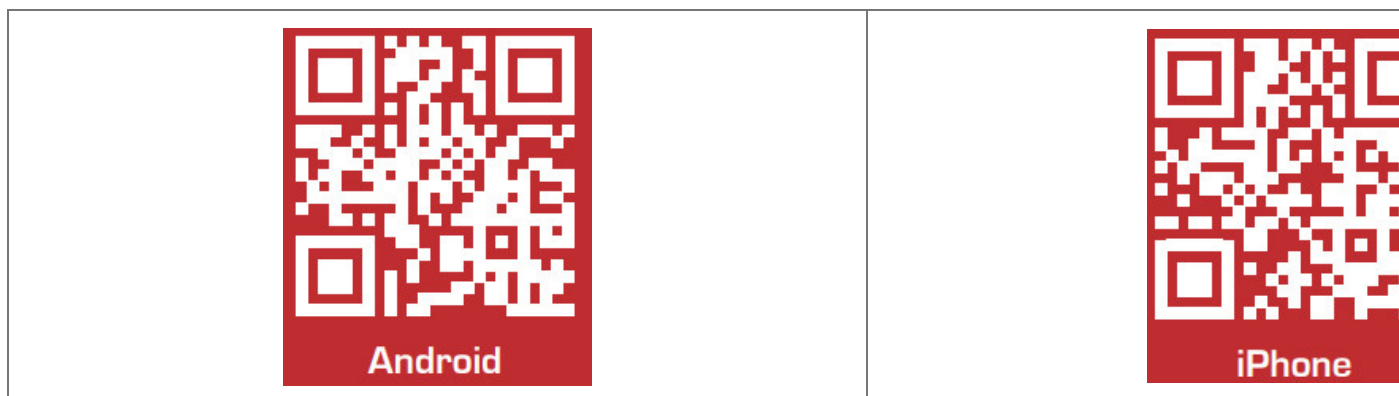**QUICK START GUIDE**

FREE mobile phone app

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2X-A Series FireCell Wireless Alarm System

2x-A Series introduction

The 2X-A range of control panels are compatible with the EMS FireCell system and EMS Fusion RLM (Radio Loop Module). All installation guidelines are the same as when fitting other XP95 control panels, although panel operation will vary.
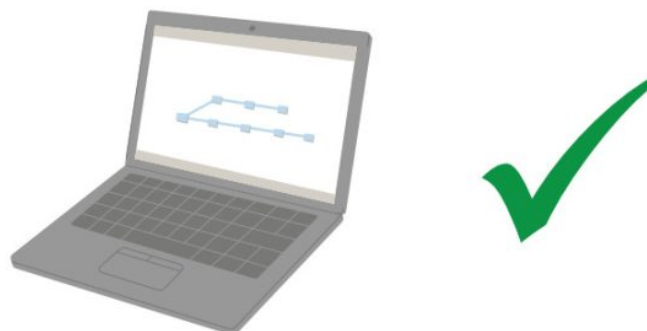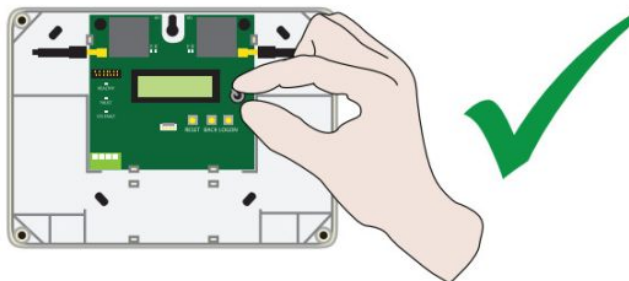
Programmed or unprogrammed system?

This guide covers the installation of both programmed and unprogrammed systems.

DO NOT press the device log on buttons if the system is supplied pre-programmed.

Doing this will unprogramme the device from the system.

More detailed FireCell instructions are available on www.emsgroup.co.uk.

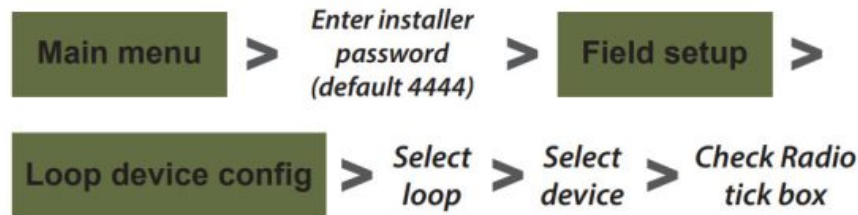Programming can be achieved either manually or via computer programs.

Add devices to the 2x-A panel

Program the 2X-A panel using the panel's Autosetup feature, as outlined:
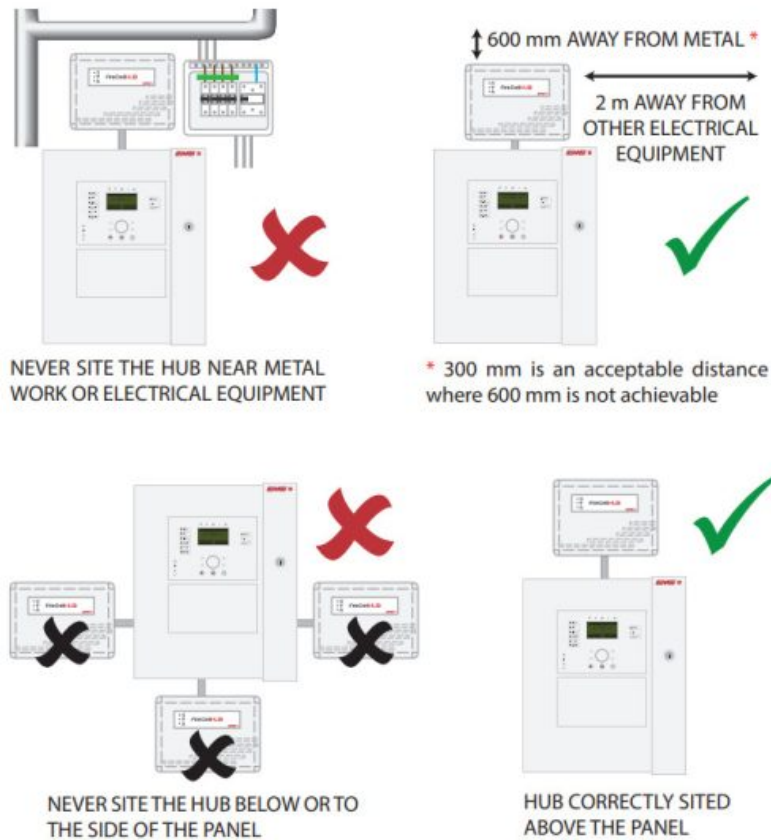
Setting devices as wireless

To ensure that device information is displayed correctly on the 2X-A panel, the devices must be set as wireless devices:

Example radio device type selection

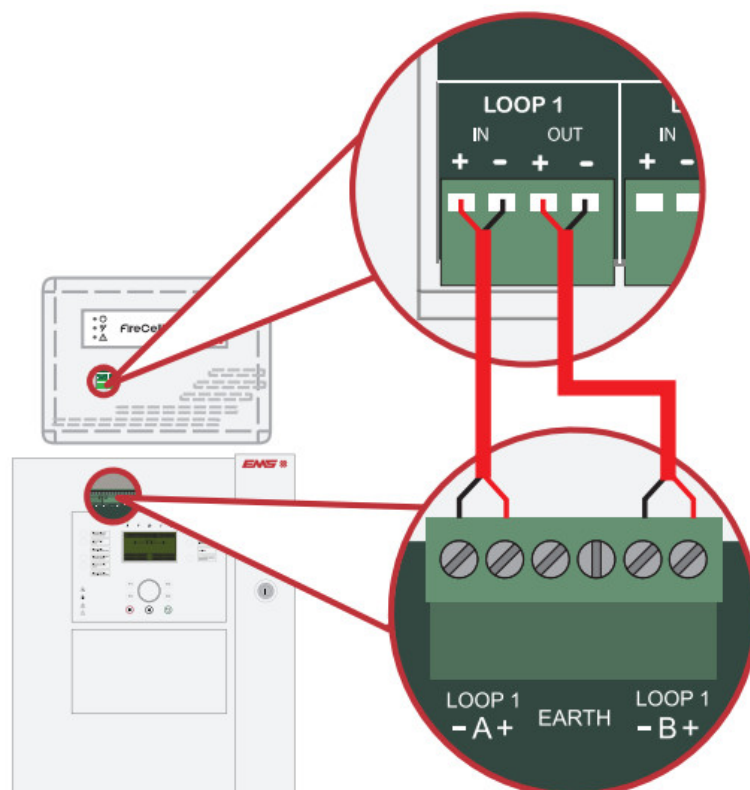## FireCell Hub on 2X-A – location recap

The FireCell Hub is powered from the 2X-A panel's loop connection. If a radio survey has been carried out, the survey will detail the recommended Hub and panel locations. The Hub is required to be connected via glands, close coupled above the panel. The recommended minimum distance between metal objects from the aerial is 600 mm. The recommended minimum distance to any other electrical equipment is 2 metres.

NEVER SITE THE HUB NEAR METAL WORK OR ELECTRICAL EQUIPMENT

600 mm AWAY FROM METAL *

2 m AWAY FROM OTHER ELECTRICAL EQUIPMENT

* 300 mm is an acceptable distance where 600 mm is not achievable

NEVER SITE THE HUB BELOW OR TO THE SIDE OF THE PANEL

HUB CORRECTLY SITED ABOVE THE PANEL

Hub to 2X-A wiring connections

The Hub has up to four separate sets of loop connections: LOOP IN -, LOOP IN +, LOOP OUT – and LOOP OUT + for each available loop. The cable must be passed through the entry points provided.
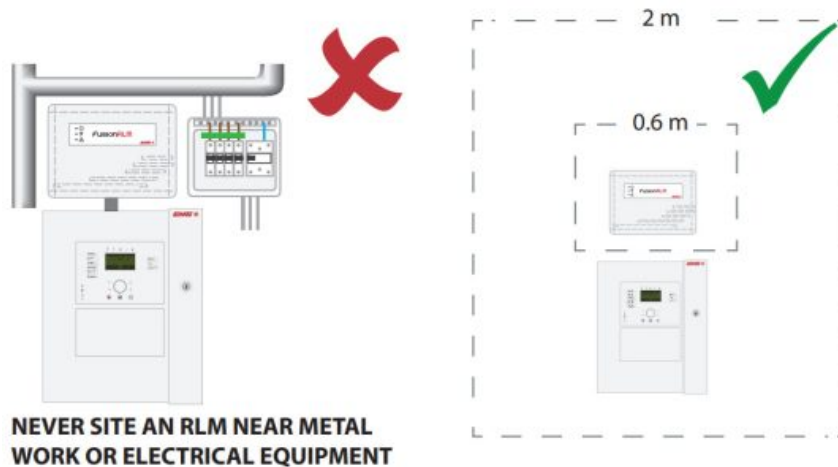
Connections are detailed:

Fusion RLMs on 2X-A – location recap

RLMs are powered from the 2X-A panel's loop connection. For optimum wireless performance, the following must be observed:

Ensure RLMs are installed as per the site survey

Ensure the RLM is not installed within 2 m of other wireless or electrical equipment (not including the 2X-A panel).

Ensure the RLM is not installed within 0.6 m of metal work.

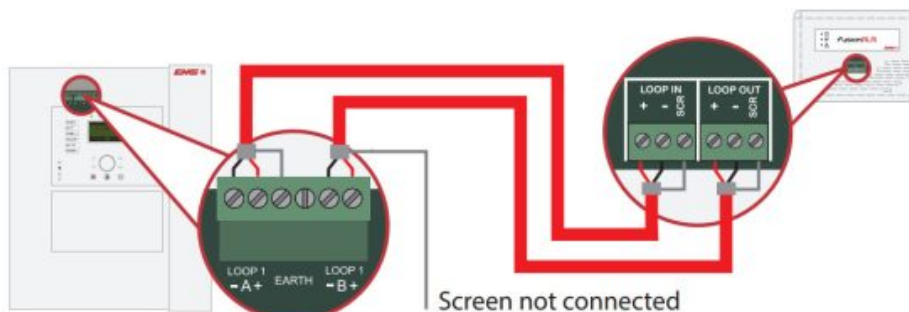**NEVER SITE AN RLM NEAR METAL WORK OR ELECTRICAL EQUIPMENT**
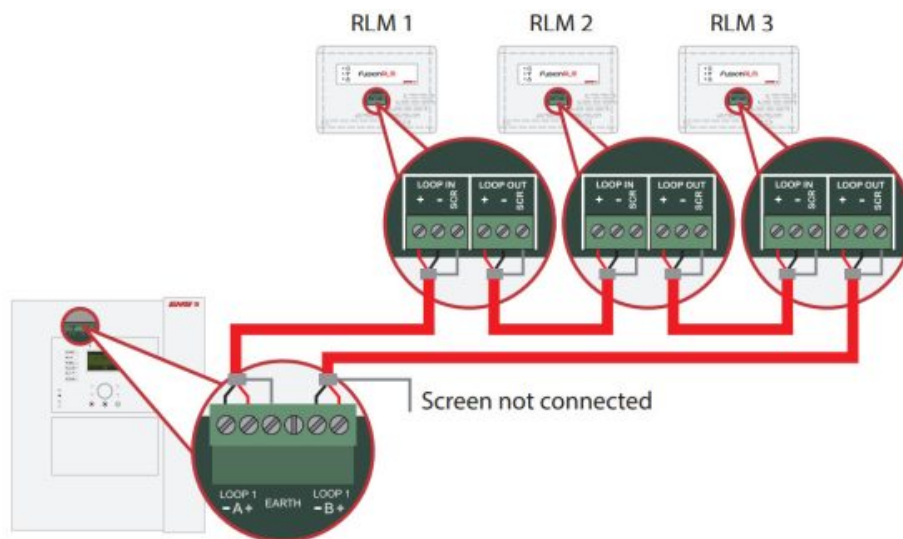
RLM to 2X-A wiring connections

Each RLM has; LOOP IN -, LOOP IN +, LOOP OUT -, LOOP OUT + and 2x screen connections. The cable must be passed through the entry points provided.

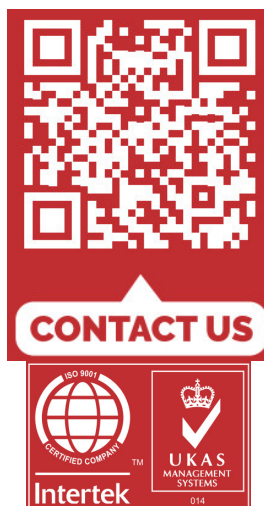Connections are detailed below:

Single RLM

Multiple RLMs (max 4 per loop)

Screen not connected

EMS

WIRELESS FIRE SYSTEMS

www.emsgroup.co.uk

Documents / Resources

	[EMS 2X-A Series FireCell Wireless Alarm System](#) [[pdf](#)] User Guide MK426-99, 2X-A, 2X-A Series FireCell Wireless Alarm System, 2X-A Series, FireCell Wireless Alarm System, Wireless Alarm System, Alarm System

References

- [User Manual](#)

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