



# Public Address & Voice Alarm

## MX/Audix Interface

### Features:

- In the event of R-Bus failure, the interface allows the MX system to make an "All Zones" evacuation broadcast via the addressable loop.
- If a message is launched and the R-Bus is broken the message keeps playing.

The MX/Audix Interface provides a transparent interface between MX Fire Panels and the Audix Voice Alarm System.

The 2U rack mount unit is located in the Voice Alarm rack and allows a maximum of 16 zones of "Evacuation" and 16 zones of "Alert" using R-bus and addressable loop technology.

The Voice Alarm Cause and Effect is programmed in the Fire Alarm system using the predefined Audix VA template in the standard configuration suite, MX Consys. Simply treat the Voice Alarm zones as sounder circuits.

Addressable loop outputs provide Voice Alarm fault status reporting in accordance with the requirements of BS5839 parts 1, 4 and 8.

# MX/Audix Interface

## Consultant Engineering Specification

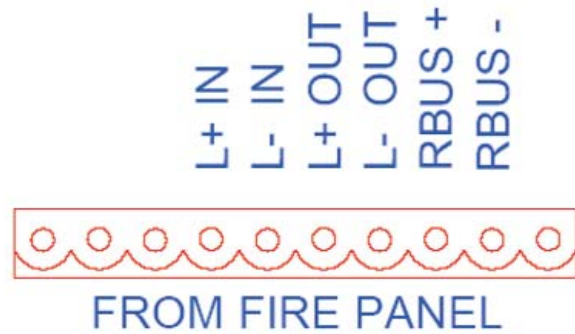
The MX/Audix Interface shall comprise a rack mounting frame with an input for external 24 Volt D.C. power supply. The Interface shall be capable of linking onto the MX System R-Bus. In addition, addressable loop inputs and outputs shall be provided for status reporting.

The Interface shall allow the MX System to trigger independent Evacuate and Alert high quality broadcasts over the Voice alarm system. In the event of R-Bus failure the Interface shall allow the MX systems to make an "All Zones" evacuation broadcast.

The MX Interface shall be fitted with fault monitoring in accordance with the requirements of BS5839 parts 1, 4 and 8. The Interface shall report Voice Alarm faults to the MX System.

## Technical Specifications

Evacuation Zones	16
Alert zones	16
Interface to Fire Panel	MXR-Bus (Monitored RS485)
Interface to Voice Alarm	PMCV Protocol (Monitored RS485)
Fault Reporting	Via Addressable Loop
Fault Monitoring	In accordance with the requirements of BS5839 parts 1, 4 & 8.
Programming	MX Consys, UKEM54 Template
Supply Input	24V D.C. (from Voice Alarm)
Power Consumption	280mA (D.C.)
Field Terminations	2.5mm <sup>2</sup> max
Dimensions (Length, width, height in mm)	19" Rack Width 2U high (89mm x 480mm x 370mm)
Weight (Kg)	4Kg



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