

KAESW08E

EVACUATION SWITCHING UNIT



The KAE SW08E is an 8-channel unit designed to switch the PA amplification from operational audio signals to an emergency audio message coming from a digital message unit or from one or several firemen microphones.

A priority can be given to either the digital message unit or to the firemen microphones.

From the Firemen microphone consoles the user can page selectively one zone, several zones or group of zones and "All zones".

Thanks to its simple but intelligent construction, the KAE SW08E is a totally safe unit that offers a complete redundancy of the audio system. Even if the main PA matrix is in default, the KAE SW08E will assure a 100% operation function of the Evacuation system.

Several LEDs on the front panel will indicate the current status of the KAE SW08E.

When more than 8 channels are required, several KAE SW08E can be cascaded.

- **8 Channels**
- **2 Emergency audio inputs with priority**
- **Selective paging of each zone or group of zone**
- **All Call function**
- **LED status**
- **Possible Cascade of several KAE SW08E**
- **Compliant with EN 60849**



KAESW08E

TECHNICAL SPECIFICATIONS

ELECTRICAL

| | |
|-----------------------|---------------------------------|
| Frequency Response | 30 Hz to 20KHz -3dB |
| THD at 1KHz | Less than 0.1% |
| Signal to Noise Ratio | > 80dB |
| Audio Input | Balanced, up to +26dBu, 10Kohms |
| Audio Output | Balanced, 0dB |

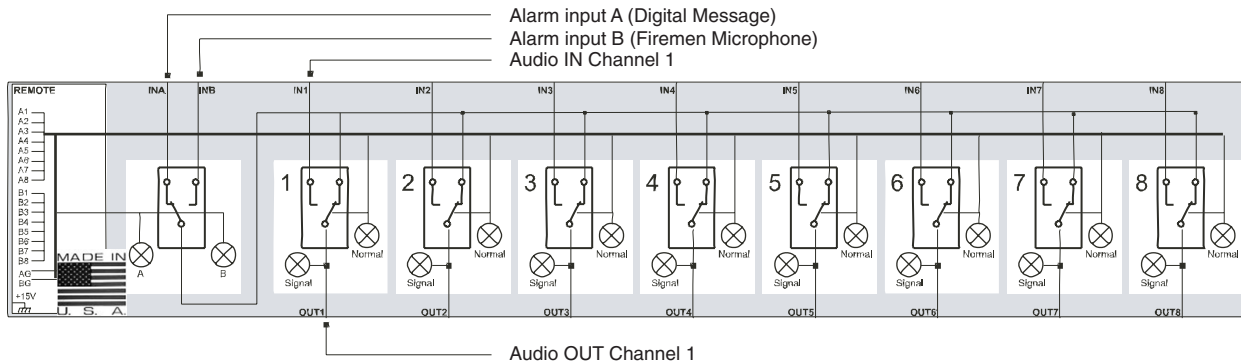
POWER

| | |
|-------------------|--|
| Power Source | 207VAC to 258 VAC / 50Hz 20VDC to 28VDC |
| Power consumption | 20VA/230VAC - 0.3A/24VDC |

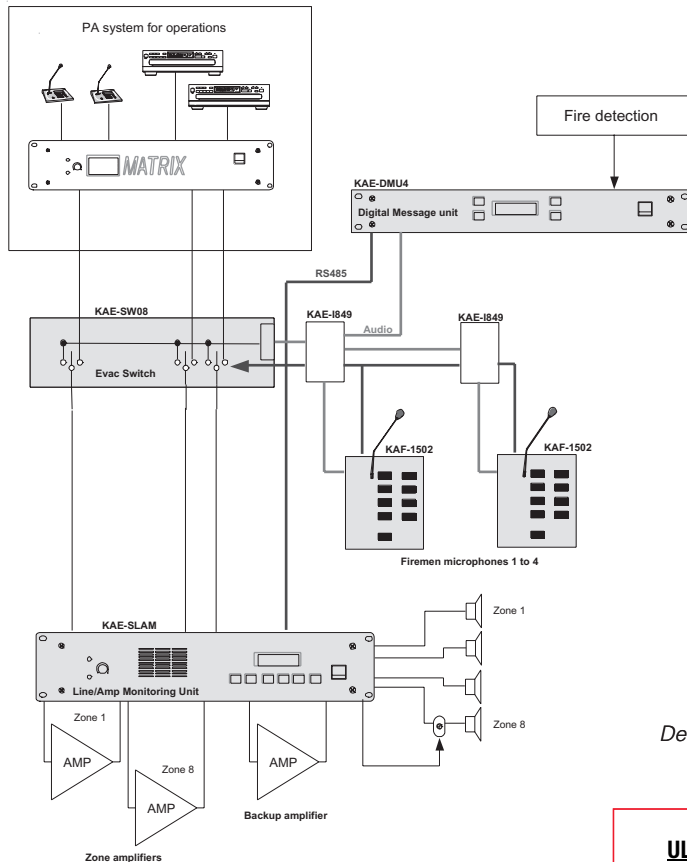
ENVIRONMENT AND MECHANICAL

| | |
|-----------------------|-------------------------|
| Operation temperature | -10°C to + 50°C |
| Dimensions | L 483 x H 44 x P 180 mm |
| Weight | 2Kg |

BLOCK SCHEMATIC



APPLICATION EXAMPLE



Design and specifications subject to change without notice.

Conversion: 1" = 25.4mm

Measurement conversions are approximate

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