

ZEC20 / ZPC20 20 Zone Emergency and Paging Microphone Consoles



The ZEC20 and ZPC20 are robust desk consoles that are designed to work with the whole range of ASL Voice Alarm and Public Address systems. They are typically used for emergency (ZEC20) and general paging (ZPC20) applications.

An in-built signal limiting automatic gain control is provided to help compensate for varying operator technique.

A processor within the Paging Microphone interfaces all LEDs and switches to the DSP Router by means of a serial interface, while microphone audio is provided as a balanced 0dBu (nominal) analogue signal. All connections are provided through CAT5 cabling terminated with an RJ45 connector.

The microphone's processor is also responsible for generating an outgoing low-frequency surveillance tone which is used to monitor the audio connection to the VAR Router, while microphone capsule monitoring is performed by injection and monitoring of a signal such that either open or short circuit of the capsule or associated wiring will indicate a fault.

The ZEC20 console has the facility to act as a 'Fire Microphone' and will operate in an all-call mode even in the event of processor failure within the router, as required by BS 5839 Pt 8. In this instance, the 'All Call Only' LEDs will illuminate to indicate the restricted function.

A multi-pole connector provides field connections.

For further details please refer to the ZEC20 / ZPC20 product manual and the DSP Router manual. or visit www.asl-control.co.uk.

