

## DMS5 / DMS10 5 Zone and 10 Zone Digital Microphone Stations



The Digital Microphone Station series comprise a range of sloping desk consoles with a flexible gooseneck paging microphone, and are designed to work with the whole range of ASL Voice Alarm and Public Address systems. The DMS5 and DMS10 each have five or ten zone selection switches respectively with each switch having a 'Busy' LED and a 'Select' LED. A single 'Push To Talk' switch and associated 'Speak Now' LED are also provided.

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.

For further details please refer to the DMS5 /DMS10 product manual, the DSP Router manual and the Application Solutions PA/VA Systems Design Handbook or visit [www.asl-control.co.uk](http://www.asl-control.co.uk).

## Specification

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### General

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Supply voltage range.....	18 – 40V DC
Current consumption (max., all LEDs on) .....	90mA @ 24V DC supply
Format .....	Desktop console – Plastic case
Microphone.....	Gooseneck
Zone select buttons (can also control routes or DVAs if the microphone is connected to Router inputs 1 or 2)	
DMS5.....	5
DMS10.....	10
Other buttons.....	PTT button
LEDs.....	2 Zone Select LEDs per zone button (zone Busy and zone Selected) Speak Now (twin)
Colour .....	PB No.5 off-white with black annotation

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### Dimensions and Weight

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Dimensions (H x W x D).....	40mm x 180mm x 130mm (excluding gooseneck)
Weight .....	1kg

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### Environmental

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Temperature (storage and operating) .....	–5°C to +50°C
Humidity range .....	0% to 93% Non-condensing



This equipment is designed and manufactured to conform to the following EC standards:

EMC EN 55103-1 Environment E1, EN 55103-2 Environment E5

Safety EN 60065

Failure to use the equipment in the manner described in the product literature will invalidate the warranty.

A 'Declaration of Conformity' statement to the above standards, and a list of auxiliary equipment used for compliance verification, is available on request.

#### Manufacturer

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CERTIFICATE NUMBER 96-LON-AQ-041

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