



The DMS20 Digital Microphone Station comprises a sloping desk console with a flexible gooseneck paging microphone, and is designed to work with the whole range of ASL Voice Alarm and Public Address systems. Twenty zone selection switches are provided, each 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 0 dBu (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, and for information on other products, please visit [www.asl-control.co.uk](http://www.asl-control.co.uk).

## SPECIFICATION

### General

Supply Voltage Range ..... 18 – 40V DC  
Current Consumption  
(max., all LEDs on)..... 120mA @ 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) ..... 20  
Other Buttons ..... PTT button  
LEDs ..... 2 LEDs per zone Select button  
(zone Busy and zone Selected)  
Speak Now (twin)  
Colour ..... PB No.5 off-white with black annotation

### Dimensions and Weight

Dimensions (H x W x D)..... 40 mm x 318 mm x 164 mm  
(excluding gooseneck)  
Weight..... 1.5 kg

### Environmental

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/E1, EN 55103-2/E5

Safety EN60065

#### Manufacturer

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