



## ARCHEAN TECHNOLOGIES

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## BDM4XX range

Public Address range 1, 4, 8, 16 or 32 zones

MADE IN   
5 years warranty

- BDM400 is a black and silver range of intelligent microphones designed to provide a wide variety of features to suit any installation.
- Communicate with the main control system via an RS485 link. Serial Connection with several mic on a same audio input.
- Ergonomic design with all buttons and indicators mounted behind a stylish overlay that allows zone button labels to be inserted and protected.
- Microphones can be linked together (via wall sockets - product code BMS8) and connected to a single input at the control rack.
- The BDM401 can also be operated as a parallel microphone. This option is selected internally by jumpers. (Factory setting is for serial operation.)
- The dynamic cardoid microphone capsule can be set for either monitored or unmonitored use during configuration
- 'Zone status' indicators show if a zone is currently selected or in use. 'Speak now' indicator to show the user when a preannouncement chime has finished. 'Data' and 'DC' indicators to show the unit is functioning correctly.
- Simple bar graph display shows the user the current speech volume, ensuring a clear announcement is made.



- Zonal fault indicators are included to show when a fault is evident on the system 'All call' paging (except BDM401) Fault accept button. Option to fit flip-top switches to enable DVA (digital voice announcement) messages to be broadcast.
- Pre amplifier allows output gain adjustment. «limiter» internal switch selection allows a constant level whatever the changes of the input level. Sensitivity increases of 12 dB when the «limiter» is on.
- The BMS8 is a flush mounted wall socket for BDM400 microphones.
- BDM400IF interface allows RS485 connection between the mic in parallel with 25 D ways connector

Specifications	BDM401	BDM404/408	BDM416	BDM424	BDM432
Normal output level	700 mV				
Max output level (limiter operating)	1.5V				
Output impedance	400 Ohms				
Frequency response	250 Hz - 10 kHz				
Power requirement (24V DC)	26 mA standby (30mA max)	26 mA standby (70mA max)	26 mA standby (108mA max)	26 mA standby (150mA max)	26 mA standby (200mA max)
Dimensions	148x48x177	148x48x177	275x48x177	398x48x177	523x48x177
Sub-membrane 16mm cutouts	3		7	9	12
Data serial link	RS485 9600BR				
Connectors	RJ45 CAT5 for audio & data information				