

Intelligent Microphone



BDM400 is a black and silver range of intelligent microphones designed to provide a wide variety of features to suit any installation.

For VIGIL2 & VIGIL3 PA/VA systems.

VIGIL Microphones

FEATURES:

- Available in six versions - from one-zone up to 32-zone.
- Communicate with the main control system via an RS485 link.
- A standard RJ45 (CAT5 network) cable is used to carry both audio and serial data.
- 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.)
- Ergonomic design with all buttons and indicators mounted behind a stylish overlay that allows zone button labels to be inserted and protected.
- 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.
- 'All call' paging (except BDM401).
- 'Speak now' indicator to show the user when a pre-announcement chime has finished.
- Simple bar graph display shows the user the current speech volume, ensuring a clear announcement is made.
- 'Data' and 'DC' indicators to show the unit is functioning correctly.
- Zonal fault indicators are included to show when a fault is evident on the system.
- Fault accept button.
- Option to fit flip-top switches to enable DVA (digital voice announcement) messages to be broadcast.

Click for downloads & more information relating to the BDM400 range .

Other Microphones & Controllers Available:

Our range of PA/VA microphones and control products provide installers and users with a variety of options to suit their needs - including touchscreen control options.

[Read more...](#)

System Design

System design is part of our commitment to provide a complete service from the initial planning stage through installation to after-sales technical support.

Our extensive range of standard products has been designed to accommodate most installation requirements. However our experienced design team often cater for projects that require bespoke solutions.

If you require any assistance with our products, or help with system design, please contact sales@baldwinboxall.co.uk.

Specifications:

	BDM401	BDM404/408	BDM416	BDM424	BDM432
Audio					
Normal output level	700mV				
Maximum output level (limiter operating)	1.5V				
Output impedance	400 ohms				
Frequency response	250Hz-10kHz				
General					
Power requirements (24V DC)	26mA standby (30mA max)	35mA standby (70mA max)	42mA standby (108mA max)	52mA standby (150mA max)	62mA standby (200mA max)
Dimensions mm WxHxD	148 x 48 x 177		275 x 48 x 177	398 x 48 x 177	523 x 48 x 177
Sub-membrane 16mm cutouts	3	3	7	9	12
Data serial link	RS485 9600 BR				
Finish	RAL 9005				
Weight kg	1.02	1.02/1.04	1.48	2	2

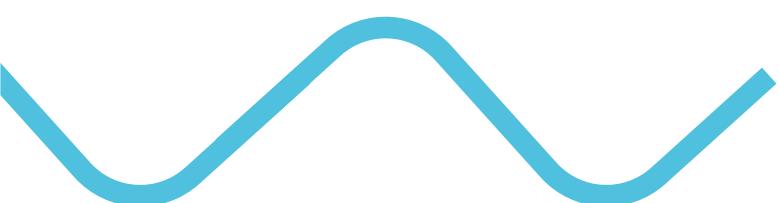
CABLE REQUIREMENTS:

[Download Cabling Information](#)

Maintenance Service Contracts Available:

Complimentary Maintenance Log Book Available:

[VA System Maintenance Log Book](#)



BALDWIN BOXALL
LEADING THE WAY TO SAFETY

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