



# VOICE ALARM BVRD CONTROLLER

## Microphones



The BVRD microphone controller has been designed specifically for the voice alarm market and will interface with any of our VIGIL routers. Available in the range:

BVRD8 • BVRD16 • BVRD24 • BVRD32 • BVRD40 • BVRD48 • BVRD56 • BVRD64

### FEATURES:

- Available in eight versions - from 8-zone up to 64-zone.
- Performs as a paging or fire microphone with an optional emergency 'all call' bypass facility.
- During an emergency, the BVRD assumes 'emergency control mode'; live broadcasts made using the unit will override any commands from the fire alarm panel. By imitating the state of the local fire alarm panel, the BVRD indicates the current state of emergency and the operator can take control.
- Broadcasts can be either live announcements or pre-recorded message, selected by the operator.
- Different messages can be broadcast to different zones simultaneously - making it possible to alert some areas and evacuate others, with the option for live broadcast announcements to remaining/selected zones.
- Five programmable function keys.
- LCD panel displays provide a clear indication of the status of each zone; name, input source and fault status. Zone input/names can be changed via the USB2 port.
- An LCD panel displays message choice, showing four at a time, the user scrolls through the messages available (up to 30 which are stored on the EVAS router/s).
- Red buttons for emergency messages - operated by key switch.
- Fully monitored using parity checking and handshaking techniques. Faults indicated on the unit include 'system', 'message', 'microphone', 'processor' and 'data link'.
- Group programmable volume adjustment using the BVRD2M remote volume facility.
- Background music selection per zone.
- RJ45/CAT5 connection.

### Front panel controls:

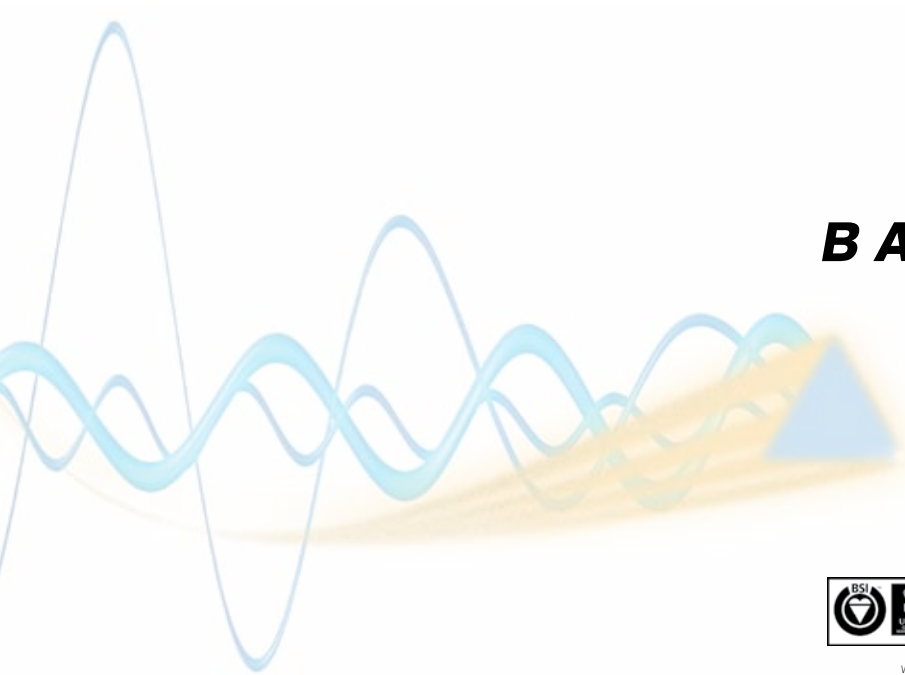
- Message select.
- Message page, home.
- Message scroll up and scroll down.
- Message cancel.
- Press to talk.
- Music select.
- Volume up and volume down.
- Five programmable function keys.
- Zone select (one per zone).
- Fault accept/lamp test.
- Emergency mode select key.
- 'All call' processor bypass button option.

### CABLE REQUIREMENTS:

Fire rated cable must be used when installing the BVRD and all related voice alarm system equipment.

**BVRD SPECIFICATION:**

	BVRD8	BVRD16	BVRD24	BVRD32	BVRD40	BVRD48	BVRD56	BVRD64
Nominal output level	+10dBm							
Max output level limiter operating	+18dBm							
Output impedance	8 ohms							
Frequency response	200Hz-12kHz							
Power requirements (24V DC) (max)	100mA	125mA	150mA	175mA	200mA	225mA	250mA	275mA
Dimensions mm WxHxD	205x48x177	275x48x177	345x48x177	415x48x177	485x48x177	555x48x177	625x48x177	695x48x177
Data serial link	RS485 9600 BR (default)							
<b>Front Panel Indicators</b>								
Microphone output	Four LEDs indicating speech level							
Speak now	Operator can make announcement							
OK	System healthy							
Comms fault	Serial data fault							
Processor fault	Processor fault							
Restart	Processor restart fault indicator							
System fault/accept	System fault LED with 'fault accept/lamp test' button							
Fault	Microphone fault							



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