



VOICE ALARM DSP NETWORKING

VIGIL *Evas*



The BVRDNET provides a digital networking solution for the VIGIL EVAS DSP-controlled voice alarm routers (BVRD2M and BVRD2M4). Products in the range:

BVRDNET

BVRDNET2M4

BVRDCIF

BVRDFIF

FEATURES:

- Connected in a loop configuration
- Minimises cabling requirements.
- Continues to function in the event of cabling damage at a single location.
- The network can be copper, fibre or a combination of both.
- Two RS485 and up to fourteen concurrent audio channels.
- Network status indicators.
- Fully monitored.
- Optional system reset feature.
- Up to 126 systems can be digitally networked.

BVRDNET & BVRDNET2M4

- The BVRDNET controller is a factory fitted option for the BVRD2M (BVRDNET2M4 for the BVRD2M4).
- Configured from the router's control menu.
- Connector for optional system reset feature (two-pin) header.
- Connector for clockwise network cable (CAT5 patch lead).
- Connector for anti-clockwise network cable (CAT5 patch lead).
- Slow speed option providing six concurrent audio channels with two RS485 channels.
- Fast speed option providing fourteen concurrent audio channels with two RS485 channels.
- Audio bandwidth is 30Hz-20kHz.

BVRDCIF

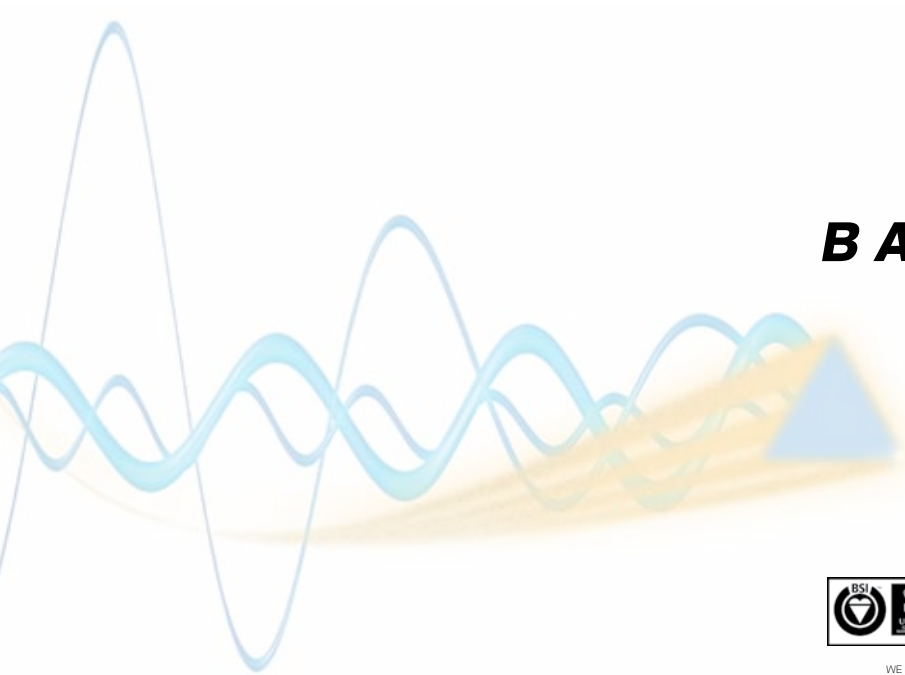
- The BVRDCIF is a DIN rail mounted connection to copper network sections. (Two BVRDCIF required per BVRDNET/2M4).
- CAT5 patch lead connection to BVRDNET/2M4 clockwise or anti-clockwise connector.
- LED to indicate valid data reception.
- Screw terminals for two transmit conductors and two receive conductors (preferably twisted pair).
- Screw terminal for ground.
- Typical maximum distance of 300m at slow speed and 200m at fast speed. (Greater distances possible with some cable types.)

BVRDFIF

- The BVRDFIF is a DIN rail mounted connection to fibre network sections. (Two BVRDFIF required per BVRDNET/2M4).
- CAT5 patch lead connection to BVRDNET/2M4 clockwise or anti-clockwise connector.
- LED to indicate valid data reception.
- ST transmit connector and ST receiver connector for multimode fibre (62.5/125 cable).
- Screw terminal for ground.
- Typical maximum distance of 3km at slow or fast speed.

SYSTEM DESIGN

- For assistance with system networking and design please contact: sales@baldwinboxall.co.uk.



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