VIGIL3 Audio Output

VIGIL3 is our next generation of voice alarm. A fully modular and expandable solution enabling voice alarm systems to be realised from the very small to the very big.

VIGIL 3

COMPLETE SYSTEM FEATURES:

- Supports up to 64 simultaneous audio channels

- Supports up to 400 inputs and 800 outputs

- Supports up to 254 voice alarm messages

- Fully modular and expandable

- Fast and responsive large systems

- Single point for configuration/message upload/fault log access

- Truly distributed but forming a single voice alarm system

- Can be realised as both rack and wall mounted Eclipse systems

- Internal connections all CAT5 for ease of assembly and maintenance

- No Ethernet switches required

- Supports all Baldwin Boxall amplifiers and speaker line monitoring solutions

- All connections monitored for reliability and peace of mind
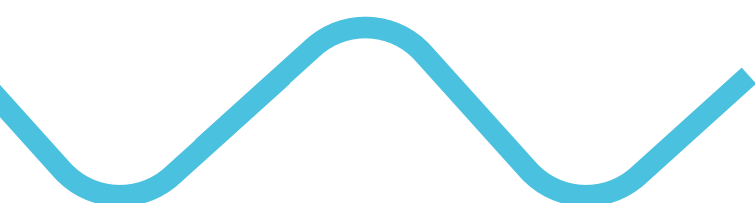
- Mix and match copper and fibre network interfaces

BV3AOM8 OUTPUT MODULE:

- Fits alongside the BVMBC battery charger module

- Eight individual audio outputs

- Two hard wired bypass inputs

- Up to 24 band parametric EQ

- Up to 1 second audio delay

- All EN54 mandatory fault indications

- Five fire panel inputs

- Up to 100 modules per system

VOICE ALARM
PUBLIC ADDRESS

BALDWIN BOXALL
LEADING THE WAY TO SAFETY

Specifications:

Audio outputs	
Number of outputs	8
Nominal output level	0.775V (0dB)
Frequency response	-3dB @ 30Hz and 20kHz
Signal to noise ratio	Better than -75dB

Fire panel inputs (Opto isolated)	
Number	5

Audio processing	
Stages	24 allocated per 4 outputs
Filter types	Low Pass High Pass Band Pass Notch Peaking Low Shelf High Shelf
Delay	Up to 1s per output

VA message store	
Number of messages	254
Storage	8GB
Sample rate	48KS/s @ 16 bit PCM Mono
File types supported	.wav

Front panel	
LEDs	Line/amp fault x8 Input fault Network (local) General fault System fault VA active Power on
Controls	Lamp test Fault accept (system wide) Fault reset (recessed/tooled access - system wide)

Power	
DC requirements	20-35V @ 150mA
Power inputs	Ethernet (proprietary) Ext In: BVMBC

Connectivity	
Audio outputs	RJ45
Fire panel inputs	Via BV3FPI interface
Network	RJ45
Bypass	RJ45
Configuration	Mini USB (Front or rear)
CANbus	RJ45
BVMBC	RJ45

Finish & Dimensions	
Finish	RAL 9005
Dimensions W x H x D (mm)	75 x 71 x 311
Weight	1.1 kg

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