

# VIGIL3 Audio Output

Certified to BSEN54



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

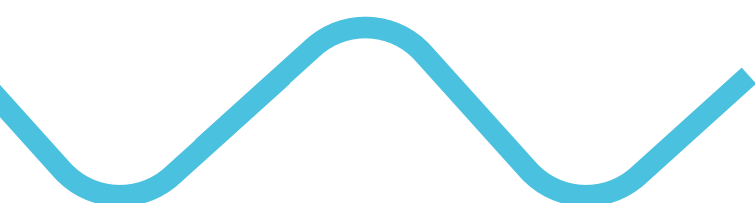
### BV3AOM8 OUTPUT MODULE:

- 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

# Specifications:

<b>Audio outputs</b>	
Number of outputs	8
Nominal output level	0.775V (0dB)
Frequency response	-3dB @ 30Hz and 20kHz
Signal to noise ratio	Better than -75dB
<b>Fire panel inputs (Opto isolated)</b>	
Number	5
<b>Audio processing</b>	
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
<b>VA message store</b>	
Number of messages	254
Storage	8GB
Sample rate	48KS/s @ 16 bit PCM Mono
File types supported	.wav
<b>Front panel</b>	
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)
<b>Power</b>	
DC requirements	20-35V @ 150mA
Power inputs	Ethernet (proprietary) Ext In: BVMBC

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



**BALDWIN BOXALL**  
LEADING THE WAY TO SAFETY

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