VIGIL3
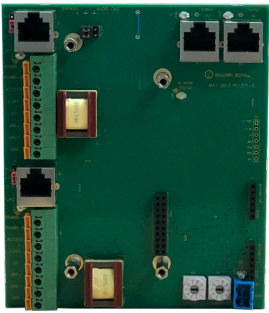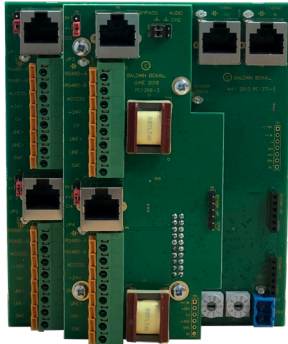# Audio Input

BV3AIM2

BV3AIM4

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

BV3AIM2/4 INPUT MODULE:

- Available in either two or four input variations

- DIN rail mounted within the rack

- Each input has six band parametric EQ

- All inputs have programmable prioritisation

- All inputs consist of a transformer isolated audio input and have a RS485 connection for control data

- Each unit is connected to the Ethernet network ring

- It is possible to configure each audio input from any location on the network

- Each module incorporates a VOX to allow for automatic audio broadcast when present

VOICE ALARM
PUBLIC ADDRESS

BALDWIN BOXALL
LEADING THE WAY TO SAFETY

Specifications:

Audio inputs	
Number of inputs	2/4 (BV3AIM2/BV3AIM4)
Isolation	Transformer
Input sensitivity	80mV (-20dB_ to 1V (+2dB)
Frequency response	-3dB @ 30Hz and 20kHz
Signal to noise ratio	Better than 70dB
Audio processing	
Stages	6 per input
Filter types	Low Pass High Pass Band Pass Notch Peaking Low Shelf High Shelf
Level control	Compressor
Chime message store	
Number	8
Length	4 seconds
Sample rate	48KS/s @ 16 bit PCM Mono
File types supported	.wav
Power	
DC requirements	2 inputs: 20-35V @ 105mA 4 inputs: 20-35V @ 120mA
Power inputs	Ethernet (proprietary) Ext In: Screw terminal
Connectivity	
Audio inputs	Local: RJ45 External: Terminals (spring clamp)
Network	RJ45

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