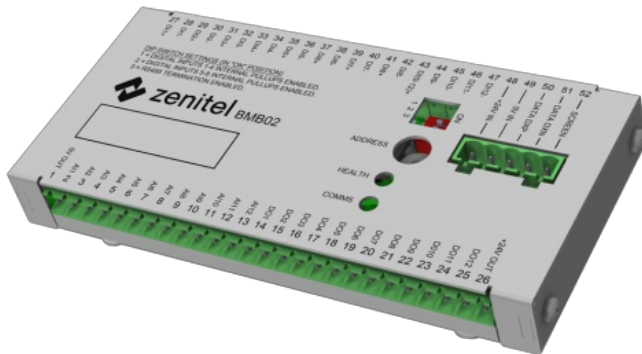


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## BMB02

Din Rail Mount I/O Expansion Device



- ✓ EXPANDS THE CAPABILITY OF THE ZENITEL PAVA AUDIO ROUTER
- ✓ LOW PROFILE DIN RAIL MOUNT CASING
- ✓ 12 ANALOGUE INPUT
- ✓ 12 DIGITAL (OPTO-ISOLATED) INPUTS
- ✓ 12 DIGITAL (OPEN COLLECTOR) OUTPUTS
- ✓ MULTI-DROP RS485 SERIAL INTERFACE
- ✓ COMPATIBLE ZENITEL'S RANGE OF PAVA DSP AUDIO ROUTERS
- ✓ INTEGRATED PART OF THE EN 54-16 CERTIFIED PAVA SYSTEM



Public Address



Voice Alarm

Commercial Audio



Civil Defence Approval

**EN54**

EN 54 Certified

## Description

The BMB02 is a compact DIN-rail mountable enclosure, that functions as an input and output contact (I/O) expander specifically designed to enhance the capabilities of Zenitel's PAVA system. This device acts as an extension, augmenting the features of the PAVA System. BMB02 is a direct replacement for the BMB01.

The BMB02 connects to a host Audio Router using DC power and a RS485 serial interface, supporting multi-drop communication that can accommodate up to nine units connected in parallel. Typically, the BMB02 is installed inside the PAVA cabinet alongside the host audio router. However, utilizing standard CAT5/6 cable, the expander can be placed externally up to 500 meters away from the host device.

Each BMB unit supports: 12 optionally monitored analogue inputs, 12 opto-isolated digital inputs and 12 monitored digital outputs with open collector configuration. The GPIO offers a range of functions including:

- ✓ Program Selection
- ✓ Volume Control
- ✓ Third-party Fault Monitoring and Reporting
- ✓ Routing Control
- ✓ Zone Busy Status Outputs

## Used With



VIPEDIA-12-NET

PAVA Audio router with network card



VIPEDIA-12-PRO

PAVA Audio router with network card - Dante Enabled



INTEGRA-PRO-03

PAVA Wall Mount System (3 amp channels pre installed) - Dante® Enabled



INTEGRA-PRO-05

PAVA Wall Mount System (5 amp channels pre installed) - Dante® Enabled



INTEGRA-PRO-07

PAVA Wall Mount System (7 amp channels pre installed) - Dante® Enabled



INTEGRA-PRO-10

PAVA Wall Mount System (10 amp channels pre installed) - Dante® Enabled



INTEGRA-03

Wall Mount PAVA System (3 amps)



INTEGRA-05

PAVA Wall Mount System (5 amp channels pre installed)



INTEGRA-07

PAVA Wall Mount System (7 amp channels pre installed)



### INTEGRA-10

PAVA Wall Mount System (10 amp channels pre installed)



### ANS04-ES

Wall Mount Sample and Hold Ambient Noise Sensor