



Evacuate Generator Module (EVACGEN-NZ)

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ISO 9001: 2000

International Standards
Certifications
QAC/R61/0051

Product Overview:

The Pertronic Evacuate Generator Module extends the F100A and F120A analogue addressable automatic fire alarm system by allowing a fully monitored interface between the control panel and a third party 100Vrms amplifier.

The Evacuate Generator Module connects to a Pertronic F100A or F120A using four wire RS485 or directly via a monitored bell circuit.

It has four selectable inputs, each of which can be programmed to produce different tones when activated. Two of the tones may include a voice message.

Connection:

The Evacuate Generator Module typically connects onto the standard RS485 bus (2-wire data and 24Vdc power) for communications. An additional 24Vdc power connection is also required, which may be from an external isolated power supply. Additional information can be obtained in the Evacuate Generator Module Technical Manual.

Features:

- Dual microphone / line inputs, with individual volume control and Press to Talk (PTT)
- Tone and line output volume controls
- Optional tone selection
- Four pull down control inputs
- Bell circuit input and output connections
- Closed loop Amplifier monitoring
- 100Vrms 250W switching capability
- 42 tone/voice combinations available
- 2 voice messages available
- Configurable on site without tools
- Monitored Fire Panel input
- External Fault Input
- Active and Fault relay outputs



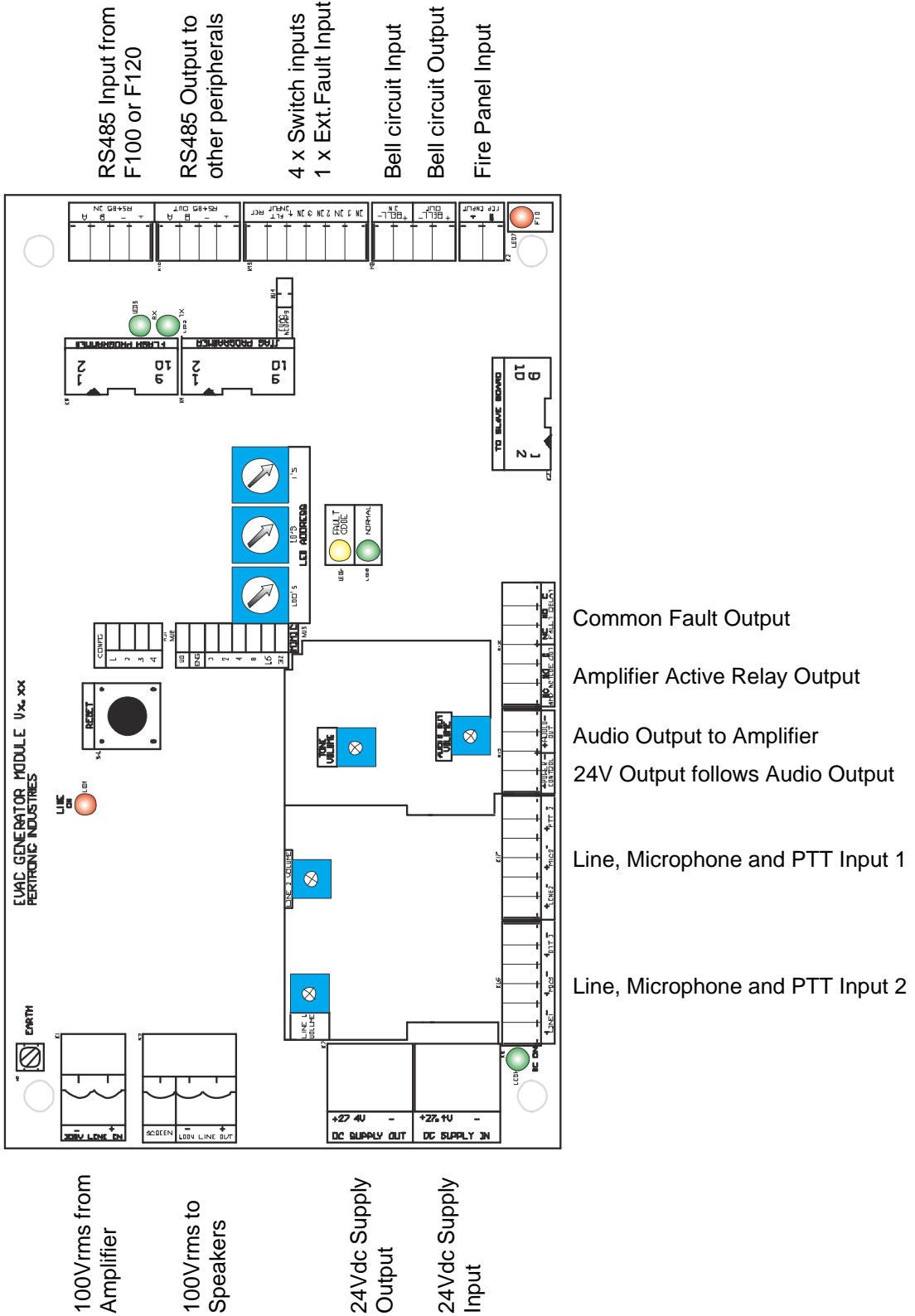
Evacuate Generator Module

Specification:

Electrical:	Operating Voltage External Power 19-29Vdc	Quiescent Current 35mA @ 24V RS485 comms 30mA	Alarm Current 105mA
Environmental:	Operating Temperature Range 0 to +40 °C	Humidity 10 to 95% RH (non-condensing)	
Mechanical:	Dimensions (H x W x D mm) 22 x 97 x 170	Weight 200 g	

- External Power: Electrically isolated from communications power
- Number of Evac Generator Modules: 8 fully monitored on the RS485 bus
- RS485 Addressing: Each Module uses an RS485 LED Mimic address space. Addresses must exist from 1 and be consecutive up to 8 maximum. Not required for bell or direct switch input activation
- Frequency Response: 100Hz to 20kHz
- Microphone impedance: 680 ohm balanced
- Microphone Sensitivity: 1.5mV - 15mVrms
- Line Input impedance: 68k ohm
- Line Input Sensitivity: 100mV - 1.5Vrms
- Line Output: 1.5Vrms maximum

Evacuate Generator Module Connections:



Product Codes:

Description	Part Number
Evacuator Generator Module with Evac and Alert messages:	EVACGEN-NZ
Evacuator Generator Module with Custom message/tones:	Please call

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