

Evacuate Generator Module

Evacuate Generator Module With Amplifier Output Monitoring

The Pertronic EVACGM 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.

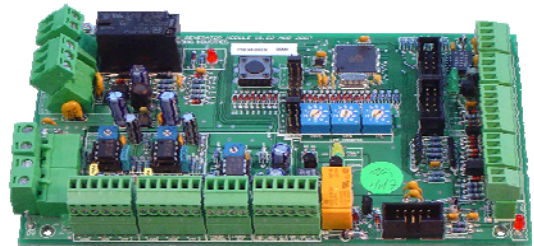
Two of the tones may include a voice message.

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 test message and tone selection
-  Four pull down control inputs
-  Bell circuit input and output connections
-  Closed loop Amplifier monitoring
-  100Vrms 250W switching capability
-  44 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



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Specifications:

-  PCB Size: 97mm Wide x 170mm Length x 22mm Height
-  DC Current:(for RS485 communications) 24V <30mA
-  DC Current:(supplied from external 24V supply) Quiescent: 35mA. Alarm: 105mA
-  External Power: 19 - 29Vdc. Used to supply the circuit power. Electrically isolated from communications power
-  Number of EVACGM Modules: maximum of 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

Ordering Information:

Description	Part Number
EVACGM Module with Evac and Alert messages:	EVACGM-EA
EVACGM Module with Evac and Test messages:	EVACGM-ET
EVACGM Module with Custom message/tone:	Please call

• Melbourne

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Tel (03) 9562 7577
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sales.vic@pertronic.com.au

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• Brisbane

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