



# 100V Line Power Amplifier Modules

*250 Watt Amplifier (EVAC250W24V)*

*120 Watt Amplifier (EVAC120W24V)*

## Product Overview:

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These amplifier modules are designed for use in emergency evacuation systems. They are powered by an external 24 Vdc (nominal) source. They accept line level audio inputs and produce 100V line outputs via transformers. The amplifiers feature short circuit, overload and thermal cut-out protection, and are constructed on steel chassis. When used with the Pertronic Evacuation Generator (EVACGEN-EA) these amplifiers are ideal for providing audio power for evacuation systems.



**EVAC250W24V**



**EVAC120W24V**

## Features:

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- » Line level Input is provided using the Pertronic EVAC Generator to generate the 'Alert' and 'Evacuation' tones with verbal messages as specified by ISO8201 (T3) and / or AS2220
- » Capable of driving up to 250 Watts (EVAC250W24V) or 120 Watts (EVAC120W24V) into connected 100 Vrms public address loud-speakers
- » The 100 Vrms output line has short-circuit, overload and thermal cut-out protection
- » Bolt-in steel chassis construction enables direct mounting into Pertronic Fire Alarm Control Panels or ancillary cabinets
- » Amplifier status (Normal, Fault and Activation) is monitored by the Pertronic fire alarm control panel's EVAC generator

## Specifications:

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	<b>EVAC250W24V</b>	<b>EVAC120W24V</b>
» Dimensions	300 x 240 x 95 mm (W x D x H)	210 x 170 x 87 mm (W x D x H)
» Weight	7.1 kg	3.5 kg
» Output Power	250 Wrms	120 Wrms
» Power Supply	24 Vdc to 28 Vdc	24 Vdc to 28 Vdc
» Current Draw Standby	360 mA	220 mA
» Current Draw at Full Load	17 A	8 A
» Fuse Rating and Type	20 A Blade	7.5 A M205
» Frequency Response	40 Hz – 13 kHz	50 Hz – 12 kHz
» Distortion	< 0.6 %	< 0.6 %
» Sensitivity	600 mVrms	600 mVrms
» LED Indicators	Seven LEDs (Power, Fault, Temp, Overload, Limit, Protect and Signal)	

## Ordering Information:

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<b>Product Code</b>	<b>Description</b>
EVAC120W24V	EVAC Amplifier 120W 24V (Requires EVAC Generator) A 1932
EVAC250W24V	EVAC Amplifier 250W 24V (Requires EVAC Generator) A1937
EVACGEN-EA	EVAC Generator for up to 250W, Evac/Alert

100 V Line Power Amplifier Module Iss 1.4 20171113