Product Overview:

The **Pertronic BOWS Controller** has been designed to provide an easy to use, reliable audible alert system.

Inbuilt microcontroller and amplifier enable the unit to produce clear, audible tones and voice messages to multiple speakers.

Configuration via rotary switches provides simple control of Alert and Evacuate stages.

The BOWS Controller is designed for easy incorporation with Pertronic Fire Alarm Control Panels as well as third party systems.

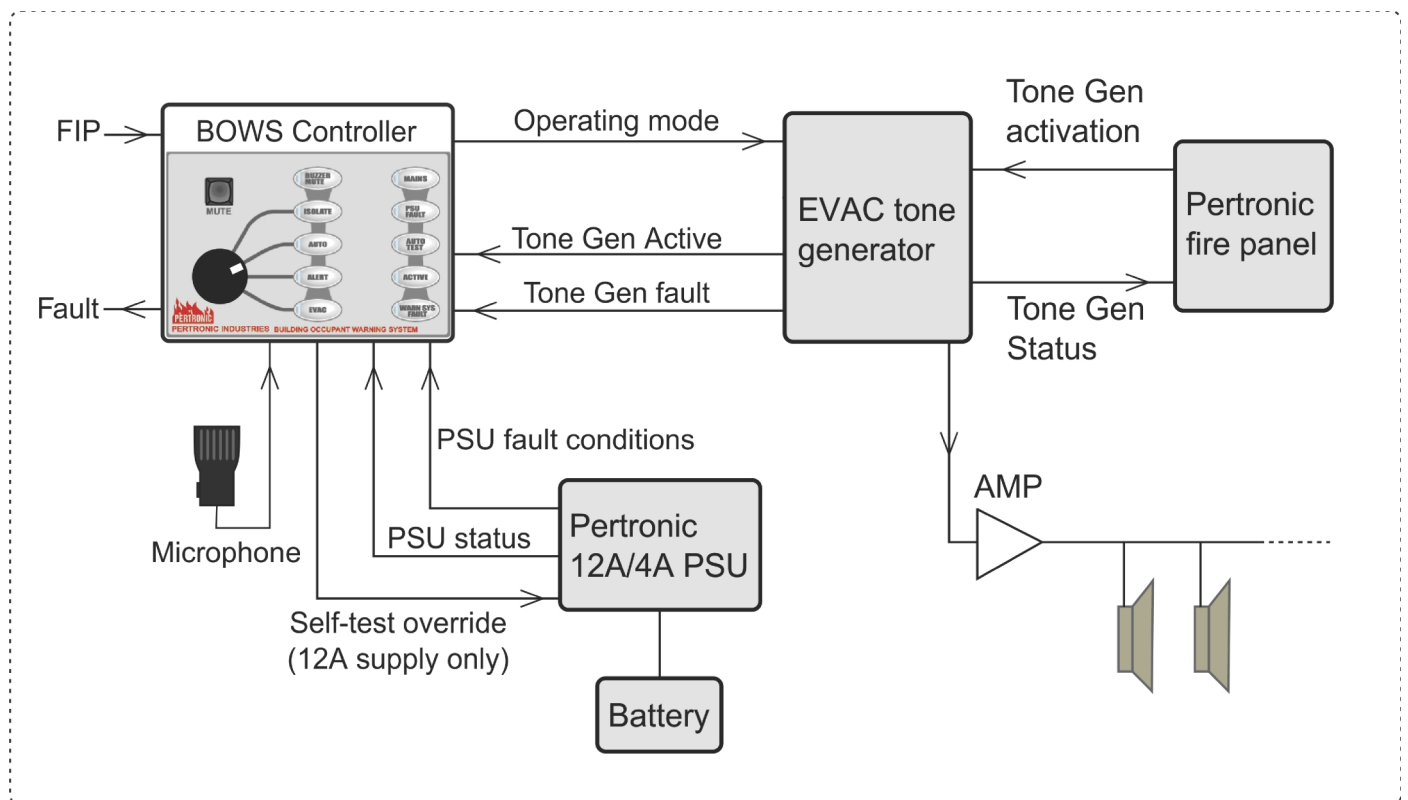**BOWS Control Unit**

Features:

- » 44 tone/voice combination available
- » 2 voice message available
- » Monitored Fire Alarm Control Panel input
- » Simple manual control of Isolate, Auto, Alert, and Evac output modes via rotary switch
- » Optional RS485 connection to Pertronic Fire Panels
- » Dual stage configuration options
- » Configuration staging delay
- » Integrated microphone with Press To Talk (PTT) for PA announcements
- » Volume control for microphone, tones, and voice messages
- » Integral 50 Watt, 120 Watt, or 250 Watt amplifier options
- » Fault relay outputs
- » Integrated manual call point for evacuation

Specifications:

- » Dimensions   10U cabinet   550 x 530 x 185   W x H x D mm
-       16U cabinet   550 x 800 x 185   W x H x D mm
- » Internal Battery Space   10U cabinet   485 x 160 x 135   W x H x D mm
-       16U cabinet   540 x 175 x 175   W x H x D mm
- » Operating Temperature Range   -10 °C to 50 °C
- » Relative Humidity   10 to 93 % RH, non-condensing
- » Activation Method   RS485 and/or FIP
- » Power Supply Input   220-250 VAC, 50 Hz
- » Current @ 24VDC   350 mA Quiescent   Configuration Dependent
- » Battery Requirements (24Hr Standby)   17 Ah (50W); 24 Ah (120W)
- » Tones and Messages   44 selectable tones and voice messages. Stage selectable
- » Audio Output Power   50W, 120W or 240W Amplifier dependant
- » Cable Termination   0.5 mm² to 2.5 mm²
- » Material   1.2 mm Mild Steel, Powder-Coated Beige
- » Shipping Weight   20 kg

BOWS System:

Ordering Information:

Product Code	Description
BOWS50W-10U	BOWS Controller, 50W EVAC, 4A PSU in 10U Rack Cabinet
BOWS120W-10U	BOWS Controller, 120W EVAC, Tone Gen, 4A PSU in 10U Rack Cabinet
BOWS250W-16U	BOWS Controller, 250W EVAC, Tone Gen, 4A PSU in 16U Rack Cabinet