

Fire detection and evacuation solutions that save lives.

Single Zone Occupant Warning Systems – 25W and 50W

Features

- Available in 25Watt and 50Watt versions
- Optional front panel control
- Alert and Evacuation Signals to AS1670.1 / NZS4512
- Speaker Line Monitoring and Protection
- Monitored strobe output
- Volume Control
- Dedicated emergency microphone input
- Secondary analogue audio input
- Programmable evacuation strategies
- False Alarm, System test and Lock Down Messages
- Three programmable output relays

Description

The Ampac Single Zone Occupant Warning System is available with a 25 Watt and 50 Watt audio output with an optional front panel control. The alert and evacuation signals are compliant to AS1670.1 and NZS4512 including voice messages as standard.

The speaker circuit is protected and monitored for shorts and interruptions. Up to three spur lines (branches) are supported. A monitored strobe output is provided as standard which supports both xenon and led strobes.

Each audio source (alert / evacuation signals, emergency paging and secondary analogue audio input) has a dedicated volume control.

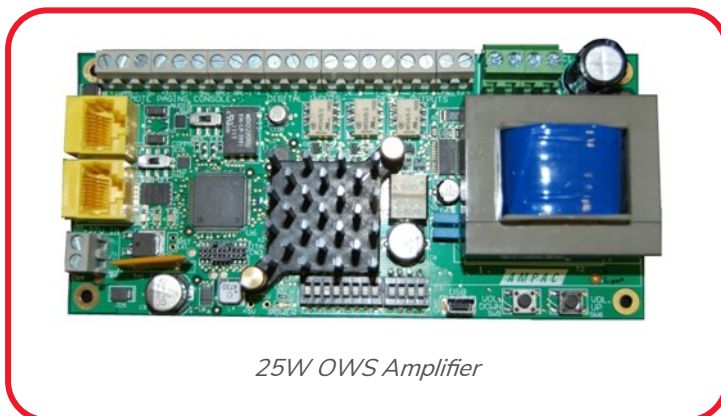
Three programmable relays are provided, which default to fault, volume control override and test mode.

The optional front panel control has an integrated emergency microphone (and can optionally support a hand held microphone)

The Single Zone Occupant Warning System is suitable for use in Ampac's FireFinder, LoopSense and ZoneSense Plus Fire Alarm Control Panels.



OWS Indicator & Control Module



25W OWS Amplifier

Item Numbers

6010-0001	OWS 50W Amplifier
6010-0002	OWS 25W Amplifier
6010-0003	OWS Indicator & Controls

Specifications

	25Watt	50watt
Supply Voltage	27VDC (nominal)	
Max Audio Load	25Watt	50Watt
Quiescent Current (no audio load, no strobe load)	20mamps	20mamps
Max. Current (full audio load, no strobe load)	1.19Amps	2.39Amps
Strobe Output (Xenon)	8 sets (208-0011)	
Strobe Output (LED)	40 sets (4107-1005/6)	
Audio output voltage	100VAC	
Temp	-20°C to 70°C	
Humidity	0-95% non-condensing	
Alert / Evac Changeover time (secs)	Alert only, Evac only, 60, 90, 120, 180, 300 or under manual control	
Speaker EOL	Nominal 47kΩ 5% 1/3 Watt	
THD	0.12%	0.89%
Signal to Noise Ratio	80.5dB	82.1 dB
Alert Signal	To AS1670.1 and NZS4512 including voice	
Evacuate Signal	To AS1670.1 and NZS4512 including voice	
Amplifier (L x W x H)	100x77x35mm	