



Voice Alarm System Pyrovox (SP)

Revision 4, 3rd September 2006



Voice Alarm System (Pyrovox SP)

- Eight fully monitored independent 100 watt RMS MOSFET power amplifiers.
- End of Line monitoring
- Fully Monitored Mains and Battery power supplies
- Compliant BS5839 Pt1, Pt4, Pt8 & BSEN60849

Dimensions: -	
Pyrovox Enclosure	800mm (H) x 600mm (W) x 250mm (D)
Pyrovox Weight	Approximate 47 kg

Following the success of the “PRISM” voice alarm system designed for large to medium size installations CAMEO SYSTEMS LTD, are proud to announce the introduction of the new “PYROVOX SP” wall mounted Voice alarm system.

Using the same techniques developed for “PRISM” including MOSFET amplifiers, and ploy radial infra-sonic monitor, the new system provides an extremely cost effective way for constructing custom requirements for the small to medium installations.

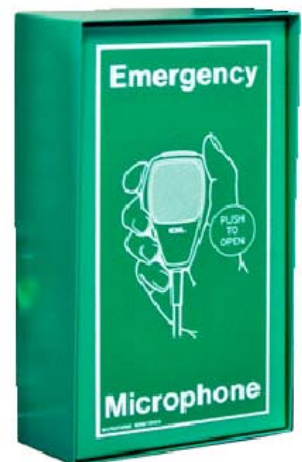
The Voice Alarm PROVOX SP system is wall mounted for size constraints on site. The complete system includes the following :

- 8 X Amplifier chassis with 100 watts fully monitored MOSFET power amplifiers.
- 2 X 500 VA independent power supply sources.
- Battery support – 24 questient + ½ Hour Alarm condition support. To BS5839
- 3U standard “eurocard” control frame which can accommodate up to 18 control and audio modules selected, as required.

Add on modules include the following :

Monitored Fire Microphone

Dimensions: -	
Surface	332mm (H) x 182mm (W) x 96mm (D Top), 81mm (D Bottom)
Flush	372mm (H) x 232mm (W) x 1.5mm (D)
Back box behind flange	332mm (H) x 182mm (W) x 77mm (D)



Monitored EPROM based speech cards

The "Evacuation & Alert" message & tone are controlled by the closure of a relay contact in the Fire Panel for each zone, this is a free issued card which plugs into most standard Fire Panels. This information is serially fed to the Pyrovox and latched, until reset by the Fire Panel.

Evacuation message sample – (Male Voice)

*Attention please. Attention please. This is the Incident Control Officer.
A fire has been detected in your building.
Please evacuate the building now by the nearest fire exit and go to the designated assembly area.
Do not run, do not use the lifts. Follow the instructions of Fire Evacuation Officers.*

Alert message sample – (Female Voice)

*Attention please. Attention please. This is the Incident Control Officer.
A report has been received of a suspected fire within the building.
This is being investigated by the Security Fire Team.
All Fire Evacuation and First Aid Officers to alert status.
Please stand by for a further announcement and obey the instructions of your local Evacuation Officer.*

Test message sample – (Female Voice)

*Attention please. Attention please. This is the Incident Control Officer.
The fire alarm is about to be tested in your building.
Take no action. Do not evacuate the building.*

Test Complete message sample – (Female Voice)

*Attention please. Attention please. This is the Incident Control Officer.
The fire alarm test is now complete.
If you did not clearly understand the emergency messages, please contact Security on extension
?????. Thank you.*

The messages & tone can be changed to a customers script.

Monitored Paging Microphone



Dimensions: -	
Flushing flange	432mm (H) x 452mm (W) x 10mm (D)
Back box behind flange	392mm (H) x 412mm (W) x 100mm (D)

The system can accommodate any number of paging microphones with each unit having the capability to page any of the zones. Each microphone is connected via a simple '6' Core cable.

Test and clear messages can also be added to the paging microphone under a key-switch activation. The gooseneck microphone gives high quality audio for speech broadcasts.

Typical schematic for a Voice Alarm System (PYROVOX SP)

