

## PEBS2000 Voice Evacuation Control Panel



The Premier Emergency Broadcast System is the latest control panel designed in full compliance with BSEN542000 Part 8 & 9 to provide a simple voice evacuation system in a fire or other emergency situation.

The control panel is designed to match the Premier AL range of fire alarm panels. It has a glazed enclosure, and is equipped with an integral microphone for live broadcasting, and an internal monitoring speaker with volume control.

### Features include:-

- 4 selectable audio channels
- Lines monitored for open and short circuit
- Monitored input for a remote microphone
- Automatic alert and evacuate inputs
- Amplifier output overload protection and indication
- Up to 2 minute message recording via integral microphone
- Integral power supply and battery charger

### Other Features include:-

- Each circuit is terminated with a ESEOL end of line unit.
- The end of line device will have a power consumption of about 1 Watt.
- Any channel can have more than 75W load, PROVIDED the total system load does not exceed 300W
- Using 3W speakers, an average of 25 per line can be connected, giving a system maximum of 100 speakers.
- Cable length can be up to 1 km, when using 1mm<sup>2</sup> cable.
- Any unused circuits have an ESEOL unit fitted.

MODEL	PEBS2000
PART NO	180-001
NO. OF CHANNELS	4
CHANNEL OUTPUT	75W per Channel (300W Total)
OUTPUT POWER	300W / 120V
OUTPUT POWER MONITOR	>0.25W
SIGNAL TO NOISE	>55dB
HARMONIC DISTORTION OF POWER AMPLIFIER	63Hz - 16kHz <5%
FREQUENCY CHARACTERISTIC OF POWER AMPLIFIER	63Hz - 16kHz <1dB
MESSAGE SOURCE	Remote microphone local microphone alert message evacuation message
MAINS VOLTAGE	230V AC+10% / -15%
DIMENSIONS (W x H x D)	530 x 720 x 230mm
WEIGHT	34Kg