

EVACUATION SOLUTIONS



TRANSPORTATION

Transportation Audio Management Systems

Airports, bus terminals, sea ports, railway and underground stations and sea ports are likely to require either a public address (PA) or voice alarm (VA) system. Few of these systems will be a basic single-zone public address type. Many may need a multi-zone voice alarm, providing facilities like background music, ambient noise sensing, timed messaging and so on.

Baldwin Boxall's VIGIL2 EVAS (for voice alarm) or Mitre (for public address) ranges are ideal for all types of terminals.

Live public address broadcasts are a clear benefit for any terminal, enabling last minute changes to schedules, lost children, etc, to be announced.

It has been proven that people are slow to respond to traditional bells and sounders in the event of an emergency - with fatal consequences. Following an initial alarm signal, a voice alarm system will broadcast clear voiced instructions, relevant to the situation be it a fire, a bomb threat or any other emergency. A VIGIL2 system, with its pre-recorded voice messages (which can be multi-lingual), ensures controlled evacuation.

Our products provide great flexibility in system design. This, together with a choice of control options (including a state-of-the-art touchscreen paging station and fire officers' microphones), enables us to supply the complete solution for any project.

In addition to VA or PA, many buildings need disabled refuge systems and fire telephone systems. OmniCare provides the complete solution, enabling different types of remote - including disabled toilet alarms - to be wired on the same circuit. The system is then controlled from one, or more if wanted, central panel.

Further information on any of our products can be found on our website: www.baldwinboxall.co.uk

Application requirements:

- Fire alarm linked voice alarm system.
- Public information/address system.
- Phased evacuation.
- Touchscreen control.
- Paging microphones.
- Pre-recorded messages.
- Broadcast of DVA (.wav) files.
- Ambient noise sensing.
- De-centralised or centralised system.
- Emergency fireman's microphone.
- Background music option.
- Battery backup and full monitoring.
- Disabled refuge area communication.
- Fire telephone system.
- Disabled toilet alarms.

Operational benefits:

- Provision of clear and precise instructions in the event of an emergency.
- Zonal/'all call' facility for phased evacuation and coded messages.
- Selectable emergency/alert alarm tones.
- Routing to selected loudspeaker zones.
- Clear general station announcements.
- Background / mood music, with interrupt for announcements.
- Central monitoring of all disabled toilet alarms.
- Permanently active fire telephone system.

System control:

System control options include: fire microphone, VA control microphone, paging microphone, PC touchscreen control and annunciator panels. Often a combination of these is needed.

The Unitouch touchscreen option enables intuitive control of the system. The operator simply touches the relevant area of the screen to access microphones, messages, background music and to select zones.



Annunciator panels are another option. Capable of providing control of the voice alarm system, fire telephone and disabled refuge systems, they can also indicate operation of disabled toilet alarms. Each panel is designed specifically with the project in mind and to the end-user's specification. Panels normally include a fist microphone, dial select for function, zone/area buttons, message selection and LED indicators. Other options such as telephone handsets can be included.

We work closely with our customers to ensure that the system control fully meets their requirements and the client's specification.

Services offered:

- Total sound solutions.
- Site survey.
- System build.
- Factory acceptance testing.
- Project management services.
- Commissioning.
- System maintenance contracts.
- After sales technical support.

Transportation projects:

Some of the transportation sites protected by Baldwin Boxall's VIGIL life safety systems:

- Canning Town bus station.
- Shannon Airport.
- Port of Felixstowe.
- Dubai International Airport.
- Air traffic control, Prestwick.
- Eastern Docks, Southampton.
- Kings Cross, Oxford Circus, Covent Garden, Hyde Park, Knightsbridge LUL stations - plus many more.
- Sunderland, Wavertree, Liverpool, Victoria, Kings Cross, Charing Cross, Marylebone rail stations - plus many more.



Typical equipment list

Voice evacuation system:

PCTS22	22" Unitouch high definition touchscreen control system with graphic view of stadium and zone 'buttons'
BDM400T5	Desk microphone for above
BDM424	24 zone paging microphone
BFM404	Four zone fireman's emergency fist microphone
BVRD2M	VIGIL2 EVAS DSP-controlled router
BV440/BV220	Class D 440 Watt & 220 Watt amplifiers
BVSMP	Switch mode power supply
BVRADCO	Automatic amplifier changeover
BVRDFPI	Fire panel interface
BVRAMB	Ambient noise sensing
BEL1 units	End of line units (to monitor loudspeaker lines)

OmniCare disabled refuge/emergency telephone system:

BVOC48M	48-way control panel
BVOCECP	Red disabled refuge remote
BVOCF	Red fire telephone
BVOCC	Red combined disabled refuge & fire telephone outstation
BVOCDTA	Disabled toilet alarm kit

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