Make your voice heard
A distributed voice alarm system specifically developed to give Fire installers the ability to install, commission and win new projects
Protect people,
grow your business

We provide your business with the platform to design, install, test and commission voice alarm systems, giving your business a wider portfolio and ultimately the edge to win more projects.

Voice alarms are used in place of fire bells or tonal sounders to evacuate staff or members of the public during an emergency.

Eaton offers a highly efficient distributed system, which provides the flexibility of using pre-recorded messages or live speech from a fire officer. It is scalable from a small office or school to large, complex multi-storey, multi-building site.

Training, provided by Eaton, which covers the fundamentals of how to install a voice alarm system is available to you and your team. The training seeks to empower you to be able to quote competitively for projects right up to commissioning a fully working and compliant system.

- Design*
- Install
- Commission
- Maintain

Further to the initial training our technical and service teams are trained to assist with the commissioning process on the phone. On-site assistance is also available through our System Integrator Partnership programme. Contact us for further information.

*In association with the Institute of Sound and Communications Engineers (ISCE).

Why do buildings need voice alarm systems?

Voice alarm systems can suit any environment where fast, safe evacuation of staff or members of the public is required. However, after a fire risk assessment some types of buildings are required to install them - BS9999 recommends the use of voice alarm systems because travel distances can increase and the escape routes can be made smaller as people will move quicker.

When not in use as a life safety system, the voice alarm can also double as a high quality Public Address system relaying messages and announcements, or even playing background music.

On receiving a trigger from the fire alarm panel the life safety function of the system takes over and your pre-selected message is broadcast site-wide or to designated areas as required. A microphone (EMA) is also provided for the fire officer to broadcast live voice directives. This takes precedence over all other messages or inputs.

**UK Standards**
- EN54:16/24
- BS5839-8
- BS9999
- Risk Assessment

**Occupancy type and characteristics**

<table>
<thead>
<tr>
<th>Occupancy type and characteristics</th>
<th>Sound signal</th>
<th>Voice: pre-recorded</th>
<th>Voice: live directives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offices, commercial &amp; industrial premises, schools / Occupants awake, familiar with the building</td>
<td>&gt; 4 min</td>
<td>3 min</td>
<td>&lt;1 min</td>
</tr>
<tr>
<td>Shops, museums, assembly buildings / Occupants awake, but not familiar with the building</td>
<td>&gt; 6 min</td>
<td>3 min</td>
<td>&lt; 2 min</td>
</tr>
<tr>
<td>Hotels, boarding houses / Occupants may be asleep and unfamiliar with the building</td>
<td>&gt; 6 min</td>
<td>4 min</td>
<td>&lt;2 min</td>
</tr>
</tbody>
</table>

Centralised system vs. Distributed system

The distributed nature of the Emergency Evacuation system saves you cost, time and effort

### Panels

- **Distributed Amplifier Unit EE5DAU100**
  - Complete VA system with pre-recorded messages
  - Can function as stand alone or networked system
  - Dual 50W 100V line outputs
  - Full fault monitoring
  - EN54-4 battery charging and monitoring
  - Direct music input
  - Up to 32 units per network

- **Emergency Microphone All Call EESEMA**
  - Live announcements and real-time instructions
  - EN54-16 CPR certified by LPCB
  - Close coupled noise cancelling fist microphone
  - Wall mounted
  - Bass and treble controls
  - Three message trigger buttons and cancel button
  - Network powered

The Distributed amplifier unit (DAU) is designed for easy installation and simple networking. The Emergency Microphone All-Call (EMA) provides a microphone as the top priority of the network.

### Speaker range

- **Fire dome ceiling MC5-EN**
  Designed to be aesthetically pleasing and acoustically engineered for quality sound reproduction, the MC range of loudspeakers are ideal for general public address, music background and voice evacuation systems.

- **Sound projector CAD10T-ENC**
  The robust bi-directional speaker has a fitted U-bracket and incorporates a high quality dual cone driver unit giving both clear speech and excellent background music reproduction for many applications both indoors and out.

- **Waterproof horn APH20T-ENC**
  Rated to IP66 with a steel U bracket the APH20T-ENC is a practical solution for most environments including car parks, courtyards and warehouses.

- **Vandal resistant SENTRY6ST-ENC**
  The SENTRY6ST-ENC is an elegant, robust metal cabinet loudspeaker designed to be vandal resistant. Recommended for use in shopping centers, prisons, schools and areas with heavy footfall.
Easy to Order
Simply contact a member of our sales team to discuss your requirements.

Technical support
Eaton offer a technical support helpline and on-site support is available if required.

For more information visit uk.eaton.com or call +44 (0) 1633 628 500