

**iVENCs**  
CORE +

## Public Address



### OVERVIEW

iVENCs provides a comprehensive set of Public Address functions, enabling single site, multiple site, and Long Line LLPA Public Address systems to be monitored and controlled.

System operators can select any PA zones on the 3D GUI to make live microphone broadcasts, stored message broadcasts, or Text-to-Speech broadcasts, and can also control the broadcast of background music.

### EFFECTIVE PUBLIC ADDRESS

The system can provide announcements in multiple languages, and each recorded message is able to be saved in any number of languages. The operators can then use a default language, or set of languages, for any particular announcement.

The PA System's Message Builder function enables the operators to assemble PA messages from one or more stored message fragments. The operators can use simple pop-up windows to insert specific information into the messages - such as car number plates, departure times or destination stations.

Different background music can be broadcast in each PA zone, and the volume of each music source can be controlled as required, with the option for a built-in MP3 playlist facility that can run four music playlists within the iVENCs software.

### VISUAL ANNOUNCEMENT AID

The Main GUI displays the priority of any announcement that is being made in each PA zone by shading the 'button' or area of that PA zone on the 3D GUI, where the priority of any announcement is shown by the colour of the shading.

### SCHEDULED + AUTOMATED BROADCASTS

The PA broadcast scheduler allows any recorded PA or Text-to-Speech message to be automatically played at regular intervals - on particular days of the week, between configured times, and even between specific start and end dates.

This scheduler is ideally suited to making automated security and safety announcements and other similar routine broadcasts, such as passenger transfer information, train arrivals and departures, and local 'tourist' information.

The system can be linked into signalling or train running control systems or into airport operational database systems which enable the provision of automated passenger service announcements. The announcements can be configured to provide exactly the required information at different times, such as just before a service's arrival or before it's departure.

### FLEXIBLE NOISE CONTROL

Flexible volume and broadcast controls are included in the system in order to provide optimum listening comfort at different times of day, or to meet noise control requirements. The operators can control the volume of the broadcasts at each PA zone, either directly or by setting up a time schedule of the required volume levels at various times of day. These controls will operate together with any automated Ambient Noise Control which is provided by the PA system.

The operators can also enable or disable broadcasts of different types into each PA zone, for instance to stop all automated security broadcasts during night hours.

### FAULT REPORTING + LOGGING

For audit and review purposes, the PA System provides a log of all of its broadcast announcements. This includes details of the individual stages of each message announcement, and includes error reports if a message cannot be broadcast for any reason. This facility can be used to prove if a specific broadcast was made at a particular location at a particular time, and to give the exact details of the message that was broadcast.

In addition the system has an optional built-in voice recording facility, so that the exact words spoken in any live announcement can also be available for audit or other review purposes