

**iVENCs**  
CORE +

# Public Address



## overview

The iVENCs Public Address module provides site managers with complete control when keeping the public informed and safe. The module allows operators to navigate iVENCs and manually select which areas or zones on the 3D model to make live broadcasts, play stored messages or Digital Voice Announcements (DVA), make Text-to-Speech broadcasts, or play background music, to the selected area.

iVENCs Public Address is flexible and scalable, and can be used to monitor and control public address and voice alarm for a range of sites, whether it be a small single site, multiple sites, or Long Line Public Address (LLPA) systems.

## effective public address

iVENCs Public Address encompasses many functions that provide effective control of public address and voice alarm across a site.

Operators can use the inbuilt Message Builder to assemble broadcasts using pre-recorded message fragments, which can then be customised with inputting specific information using Text-to-Speech, such as car number plates, departure times or destination stations. iVENCs Public Address can also save each pre-recorded announcement in any number of languages.

The ability to assemble and playback a message in advance of the live broadcast aids the operator to make sure announcements are correct and helps lessen the risk of incorrect broadcasts being made, whilst the use of pre-recorded message fragments helps ensure intelligibility of announcements.

Aside from announcements, iVENCs Public Address can also be used to control background music. A different audio source can be set for different zones, and the volume for each zone adjusted independently. A built-in MP3 Playlist facility allows the operator to build custom playlists, and to designate playlists to specific zones.

## visual announcement aid

When a broadcast is made to a particular zone or set of zones, the areas will be highlighted on the 3D model on the workstation monitor to make it visually clear to the operator which area of the building or site they are about to broadcast to. In addition, the area will be shaded in a particular colour according to the priority of announcement being made.

## automated + scheduled broadcasts

The Broadcast Scheduler function allows any pre-recorded announcement or Text-to-Speech message to be scheduled for broadcast at regular intervals, whether it be on particular days of the week, between configured times, or between specific start and end dates. Using this function makes setting automated security and safety announcements and other similar routine broadcasts such as transport arrival and departure announcements simple and straight-forward.

The system can also be integrated with transport control systems, such as rolling stock control systems or airport operational database systems, for automation of passenger information announcements.

## flexible noise control

Flexible volume and broadcast controls provide optimum listening comfort for different times of the day and can be set to meet noise control requirements. The operator can control the local volume of broadcasts for each PA zone, either manually or by setting up a pre-set time schedule for varying volume levels at different times during the day or week. These controls can also seamlessly cooperate with ASL Ambient Noise Sensors (ANS) situated on site as part of the PA system to provide automatically adjusting a zone's local volume according to its ambient noise levels.

Operators can also enable or disable different types of broadcast into specific zones, for example, stopping all automated security broadcasts during night hours.

## fault reporting + logging

iVENCs Public Address stores a log of all previous broadcast announcements, which can be exported for audit and review purposes. Details of individual stages of each message announcement, and error reports if a message cannot be broadcast for any reason, are recorded; enabling the ability check 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, iVENCs Public Address includes an in-built voice recording facility so that the exact words spoken in any live announcement can be recorded and thus available for playback, whether for an audit, review, or any other purpose.



This equipment is designed and manufactured to conform to the following EC standards:  
EMC: EN55103-1/E1, EN55103-2/E5, EN50121-4, ENV50204  
Safety: EN60065



Assessed to ISO 9001  
LPCB Cert No: C1043