



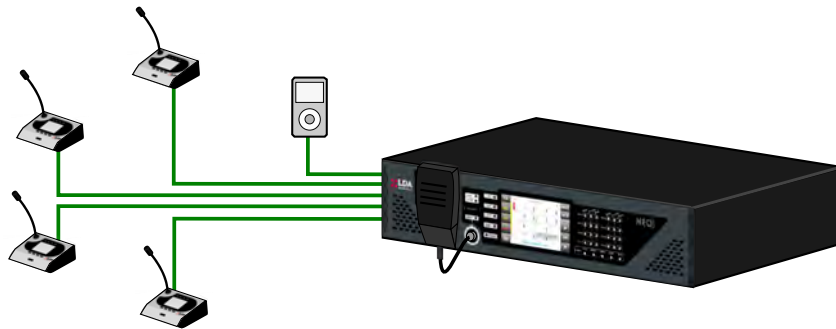
Experts in Public Address and  
Voice Alarm Systems for Airports



# ◆ PA/VA System example in airport with LDA NEO

NEO is an innovative PA/VA system that allows an easy audio installation with just one equipment in small and medium venues.

NEO ensures an outstanding performance in the most demanding situations: is especially designed to meet and even exceed the most stringent safety requirements of the EN 54-16 and the EN 60849 standards. One NEO 8060 offers 8 output channels (8x120w) each of them duplicated to ensure line redundancy.

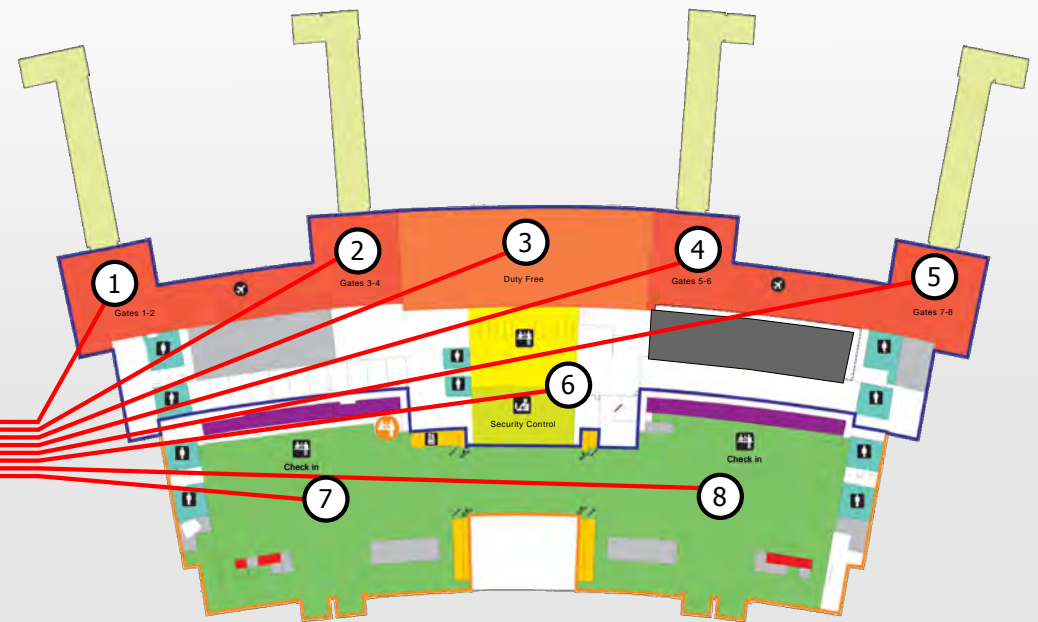



- **5 input sources**
- **8 independent amplification zones**
- **Emergency microphone integrated**
- **Full system supervision**
- **4.3" frontal touch screen**
- **Cobranet (Audio over Ethernet)**

Because great audio quality is important, NEO has an integrated class D power amplifier with professional audio features, DSP and 24 bits of digital audio per channel and balanced inputs/outputs.

NEO is made under the plug & play philosophy and works over Ethernet standard networks, using protocols such as CobraNet and TCP/IP, without the need for special wiring. NEO can also be easily integrated with other systems such as Airport information systems, SCADA, TETRA or intercoms, reducing costs, time and efforts.

With LDA SIME software, NEO can be as well managed and supervised in the cloud or integrated with the LDA SONORA system.



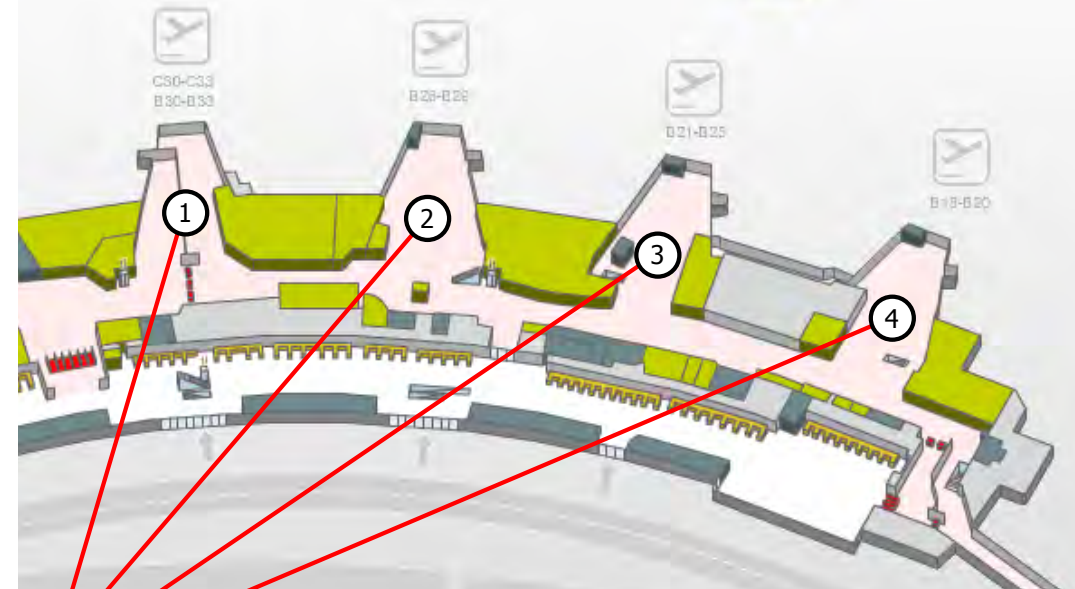
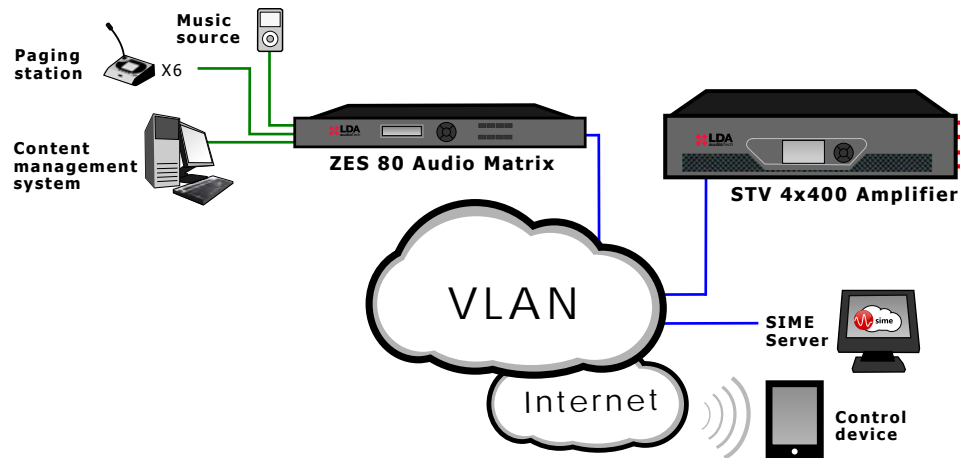
- Perfect for medium and small airports
- Cost effective compact system
- High quality audio PA and BGM system
- Voice Alarm system 
- Digital IP system - Management in the cloud
- Pre-recorded messages scheduling

◆ PA/VA system example in airport terminal with:



The SONORA PA/VA system offers the perfect quality, flexibility and audio power necessary to cover multi-zone venues with big amplification areas.

The STV Digital Amplifier Series from the SONORA family have models of 4x400W rms balanced audio outputs, DSP and Cobranet technology(audio over Ethernet).



1st Floor of Terminal 1 in Barajas Airport (Madrid)

- Zone ① **Gates B18-B20:** - 19 speakers of 8W and 18 speakers of 10W (332W)
- Zone ② **Gates B21-B25:** - 22 speakers of 8W and 16 speakers of 10W (336W)
- Zone ③ **Gates B26-B29:** - 40 speakers of 10W (400W)
- Zone ④ **Gates B30-B33:** - 40 speakers of 10W (400W)

Because SONORA is a Digital IP system, all the elements communicate intelligently over the network and can be monitored, configured and controlled in the cloud with the SIME software, even if they are situated in buildings from different geographical points.

The SIME software is based on standard and open protocols, therefore, it is really simple to integrate SONORA with other technologies such as intercoms, TETRA, SCADA, Airport information systems, Digital Signage, etc. saving costs, efforts and time.

SONORA is the perfect choice for big airports and has already been successfully installed in hundreds of projects.

- Perfect for big and medium airports
- High quality audio PA and BGM system
- EN 60849 Voice Alarm system for evacuation
- Digital IP system - Management in the cloud
- Pre-recorded messages
- Limitless scalability

## ◆ Management in the cloud: SIME Software

LDA SIME is the control, configuration and management software platform for PA/VA systems.


- Intuitive and simple full system control
  - Audio content distribution over the network
  - Pre-recorded message scheduler
  - Multi-platform access from anywhere
  - Access control and security
  - Customizable user interface
- Seamless integration with 3rd party technologies through standard protocols



With LDA SIME Full Control it is possible to monitor, and configure the whole system and set any audio source to a zone or group of zones from one or even several buildings.



With LDA SIME Calendar it is really simple to schedule music or pre-recorded messages that will be played at any given time or zone.



**"Audio quality and  
intelligibility throughout the  
entire airport"**



LDA Audio Tech is the Spanish leader manufacturer of PA and Voice Evacuation systems and has more than 35 years of experience offering innovation, quality and trust to partners and clients from all around the world.

Tel: +34 952 02 88 05

Fax: +34 952 02 05 98

[www.lda-audiotech.com](http://www.lda-audiotech.com)

*Modifications reserved*