

## HOTELS

In hotels, sound systems provide guests different experiences: music and announcements in the lobby, corridors, bar, terrace and restaurants, connection of personal equipment to matrix-type systems in function rooms and meeting rooms, specific musical environments for spas, gyms and swimming pools, customised sound in guest rooms... all of which is integrated with the compulsory PA voice-alarm system. In addition, the signalling and video intercommunication systems allow you to identify and communicate with guests at entrances to certain areas like the car park, spa or gym.



### Distribution of music and announcements

In hotels, music accompanies the guest from their arrival in the lobby, and continues in the lift, corridors, restaurant, swimming pool and more. OPTIMUS equipment includes the best features for adapting to the size and needs of the hotel.

#### basic and easy to install

**Built-in** amplifiers for rural hotels or small city hotels, with a 30W-240W power range.



#### compact "all in one" systems

**Compact** systems that integrate the music source and selection of areas into the equipment itself, and which are remotely controlled from a microphone desk or wall control.



#### modularity and scalability

**Modular** systems with pre-amplifier and power units for any size hotel with unlimited zones and power.





## EN 54 voice alarm



PA systems and voice alarm with **EN 54 certification**, with the capacity to work in combination with the fire alarm system installed in the hotel.



## A suitable speaker for each situation

Modern hotels have different spaces where their guests can meet, relax, have fun or enjoy good food. Every area must have the most suitable speakers in terms of **sound** quality, suitable **power**, aesthetic **presence** and **robustness**.



example  
**Ceiling  
speaker**

two-way 6.5" + 1.2"  
15 W, 100 V / 8 ohm  
102 dB SPL max  
60 ~ 20.000 Hz



example  
**Weatherproof  
speaker**

two-way  
30 W, 100 V / 8 ohm  
102 dB SPL max  
115 ~ 25.000 Hz  
Weatherproof: IP 55



example  
**Acoustic  
projector**

two-way 5" + 1"  
30 W, 100 V  
113 dB SPL max  
80 ~ 20.000 Hz  
Weatherproof : IP 66



example  
**Active  
speakers**

two-way 6" + 1.5"  
stereo 2 x 25 W  
RCA input (music)  
jack input (MP3)  
tone & volume control



example  
**Weatherproof  
ceiling speaker**

4" speaker  
6 W, 100 V / 8 ohm  
95 dB SPL max  
150 ~ 25.000 Hz  
Weatherproof : IP 55



example  
**Garden  
speaker**

two-way 8" + 1.2"  
64 W, 100 V / 8 ohm  
106 dB SPL max  
60 ~ 20.000 Hz  
Weatherproof : IP 56

## Several functions rooms into just one



Function rooms for company **meetings**, **presentations** or family **events** are one of the most used services in hotels, with spaces that can be joined together or separated, creating rooms of different sizes. The sound systems adapt to this modularity.

### modularity ...



Audio matrices:

- Controls in the rooms
- Zone microphone desks
- Individual volume adjustment
- Music selection in function room
- Local insertion of audio signal
- ...

### ... control ...



Audio management equipment:

- Mixers
- Equalisers
- Mixers
- DSPs
- Feedback suppressors
- ...

### ... & possibilities



More services:

- Conference systems
- Simultaneous translation
- Wireless microphones
- Self-powered speakers
- PA system
- ...

## Audio in guest rooms



Comfort in hotel guest rooms is achieved through details such as the possibility of **listening** to your own **music** in the living space or bathroom, the **television** audio to not miss anything, or your favourite **radio** station.



Control with radio tuner, selection of up to four music programmes, 2 x 1.5W amplification, headphone output, audio input (MP3, smartphone, etc.)



## Accessible bathrooms



As specified by the CTE (Technical Building Code), accessible bathrooms in hotels include **call** and **signalling** systems to ensure immediate attention for guests in case of any need.

pull cord call



cancellation



local signalling



centralised signalling

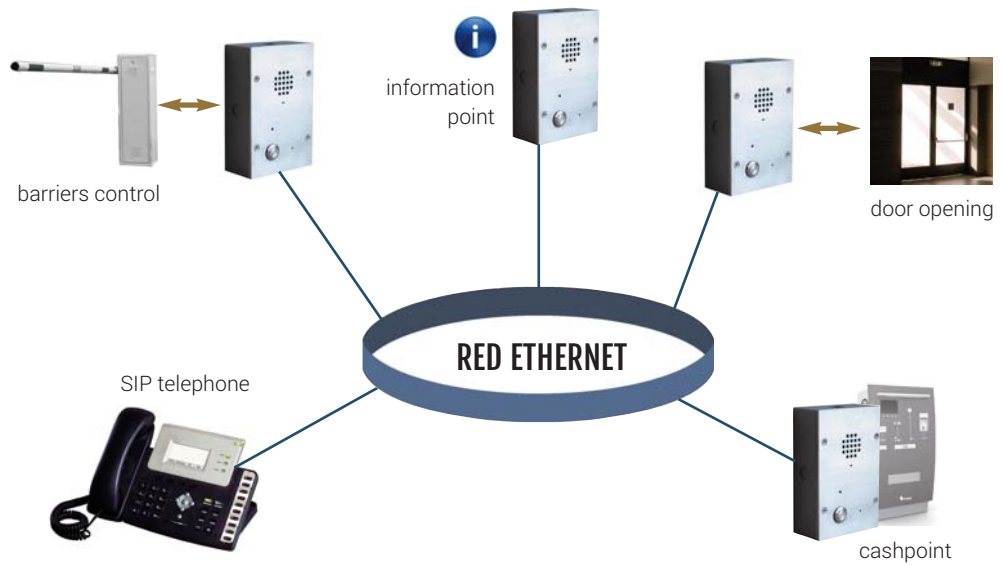




**Call  
See & talk  
Open  
Control**

Entrances to the car park, service entrances, aparthotels without permanent staff, night service hours, reserved areas, etc. **Call and remote service points** are needed in these situations to communicate with the guest, provide them instructions, open the door, etc.

Simple solutions such as audio entry phones or more sophisticated ones such as multiple audio and video control systems, with direct wired or data network (IP/SIP)



**PA and Intercommunication equipment and systems for:**

- TRANSPORT
- INDUSTRIAL SETTINGS
- TUNNELS
- PRISONS
- AIRPORTS
- HOSPITALS
- HOTELS
- SHOPPING CENTRES

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