



CLARK HOTEL

The newly built, 86-room, 4-star Hotel Clark is located on the Buda side of the Chain Bridge, on the banks of the Danube.

Based on the contractor's instructions but slightly modified compared to the original plans, we built a classic hotel sound system, divided into 4 sound zones, but without evacuation functions.

The task of the system is to provide background music and the communication of information in the designated areas of the building. The sound center, built into a rack cabinet, was placed in the reception desk on the ground floor. Integrated into the control panel is a digital matrix unit with 4 zone outputs, a 4 x 250 W RMS amplifier with 100 V output voltage, and a modular network music player.

The programmable digital audio center has versatile configurations, advanced DSP functions, 8 microphone/line level inputs and 4 line level outputs. Background music broadcasts and announcements can be selected by zone independently.

A zone-controlled paging microphone desk is connected to the control panel, which provides live voice announcements. An attention-getting melody can be heard before the announcements. The main functions of the control panel can be controlled with a flush-mounted, dedicated panel, as well as with iPhone and iPad devices using a free-access application. The system can be expanded.

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The building's public address network has been divided into 4 independent sound zones, ensuring that messages / announcements can be heard in a targeted manner, only in the desired areas.

Accordingly, the sound zones are following:

1. lobby, reception, restaurant, bar,
open kitchen areas
2. corridors
3. lifts
4. roof terrace

Provision of sufficient sound and sound coverage of the facility was achieved by using aesthetically designed wall and subceiling loudspeaker located at frequented points of the building, providing adequate speech intelligibility and sound pressure levels. Possibilities for building in loudspeakers in the elevators, their actual installation and specifications were agreed in consultation with the representative of the elevator supplier.

In addition to live speech announcements, the system is suitable for playing pre-stored messages, as well as for amplifying presentations and broadcasting background music.

DEVICE LIST



- Audac MTX88 8-zone, digital audio matrix control panel
- Audac MPX88 8-zone, paging microphone
- Audac XMP44 modular network music center
- AUDAC MWX65 wall remote control panel with audio connector
- AMC iA4x125 four-channel amplifier
- YAMAHA XMV4140 4-channel, class D power amplifier
- BOSE FreeSpace DS 40SE Wall speakers
- BOSE FreeSpace 360P outdoor loudspeaker
- AUDAC CS85 and CS55 subceiling recessed loudspeakers
- AMC SL 20M pendant, spherical speakers
- AUDAC AWP06 speakers for elevators
- AMC VC 60RX volume controls