



# THE DR. BÁRÁNY ISTVÁN SPORTS SWIMMING POOL



The Dr. Bárány István Sports Swimming Pool is a historic open-air swimming pool in Eger, located in the heart of the bath and spa area of the town. It now awaits its visitors with a fresh look. Based on the request of the electrical contractor, we agreed on the technical content according to the customer's expectations during an on-site survey.

The outdoor pool and the adjoining areas function as a sports facility. Here several generations have been able to learn the basics of swimming and water polo since 1925, and this forms the basis of the next generation of swimmers and water polo players. When designing and building the sound system, we took into account the need to ensure adequate sound pressure and speech intelligibility in the open stands next to the pool and in the areas adjacent to the pool, despite the background noise generated by the audience.

The pool area and its surroundings are provided with sound coverage with a total of 9 outdoor,

2-way, 8" LF + 1" HF loudspeakers on 3 sides of the rectangular area, producing a maximum sound pressure of 106 dB.

The central sound equipment was housed in a mobile rack cabinet: 16-channel mixer, 4-channel, 4x240 W RMS power, class D amplifier, connectors, cables.

During events, a mobile rack cabinet with technical devices is connected to the outdoor speakers via a recessed electrical box for exterior use built in one of the building walls bordering the pool. 1 table microphone is provided for the jury.

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## DEVICE LIST

- AUDAC WX802/O outdoor wall speakers
- AUDAC CAP424 4-channel, class D amplifier
- Yamaha MG16 16-Channel Mixing Console
- AKG DST 99 S paging microphone
- ROBUST RO-CR16U rack cabinet
- ELO-10/S recessed electrical box for exterior use
- NEUTRIK connectors

