



HUNGAROCONTROL

The air traffic controller of Hungary planned a complete audio-visual upgrade for the beginning of 2018. The construction was won by our company.

CASE STUDY

The complexity of the task lay in the fact that not only classic projector-screen ensembles were requested, but also a complex sound system.

The event hall of the Igló Street Center can be subdivided into four parts, but for bigger events it can be turned into a single large auditorium. For both visual and sound technology, we had to offer a solution for the four individual blocks, at the same time we had to pay attention to the dimensions of the "expanded" room too.

We used projection screens recessed into a subceiling, thus ensuring their complete invisibility — with this solution also we managed to counteract the relatively low ceiling height. The projectors were mounted on the ceiling

brackets with wide-angle optics, so we were able to reduce the projection distances.

59 loudspeakers, also recessed in the ceiling, provide the sound experience for each separate zone or for the entire event hall when it is turned into a single large auditorium.

Signals reach the projectors with the help of uniquely composed modular cable management boxes — in many cases we used HDMI extenders here due to the long track gauge.

Professional displays in the sizes between 42"-55", on which various advertising materials and current information can run with the help of digital signage software, were placed in the corridors.

HUNGAROCONTROLL

In 11 rooms, we installed 160-180 cm projectable whiteboards, with ultra short throw projectors. These smaller systems are designed for meetings in various units/offices.

In the VIP meeting room, two 55" displays are responsible for the appropriate video and audio content of the Cisco video conferencing device, which can be controlled by using a 10" touch display.

The overall construction also involved structured network cabling, carpentry, drywall and painting work (in addition to the AV technology), which were done by our company's subcontractors.

DEVICE LIST



- PHILIPS xxBDL5057P / 00 display series
- PHILIPS xxBDL5055P / 00 display series
- NEC X551UHD displays
- SCHAARF whiteboards with writable and projectable surfaces
- WIZE T55A wall brackets
- SMS FH T 2000 display floor stands
- EXTRON MLC 62 RS control brackets
- PANCONNECT cable management boxes series
- SCREENLINE In-ceiling Tensioned projection screens
- CHIEF F1 rack cabinet
- ECLER HZA4-120F flexi power amplifier
- ECLER eSAM402 analog mixer
- RCS RC-110 subceiling speakers