



# MUSEUM OF MILITARY HISTORY

One of the gems of the Buda Castle District, the Institute and Museum of Military History, had visual technical up-grades done in both elegant lecture halls.

On the stage of the Marble Hall, we installed a 3-meter-wide motorized projection screen that can be projected from behind, which, when pulled up, is completely invisible due to its unique placement. Projection is provided by a 4200 ANSI lumens Epson projector mounted on a mobile stand. The visual technology thus perfectly provides the audience with visual material during performances, but if it is not needed, it can be kept completely hidden.

In addition to the high ceiling in the ceremonial hall, we also had to find solutions related to the unique marble inserts, the special color of the hall and the character of the monument. Our commission was to replace the existing fixed screen with a motorized version, to build the signal paths from one corner of the room to the upstairs gallery, and to replace the projector.

In the case of the projection screen, a 4-meter-wide, motorized, tab-tension Screenline screen was placed on the balcony at the end of the room at a height of 6 meters with a unique spacer bracket. We had to project this screen from a distance of 20 meters. Due to both the lighting conditions in the room and the projection distance, we installed Epson's second brightest projector with a brightness of 15,000 ANSI lumens. In order to capture the image width, we replaced the standard optics with a custom lens, thus solving the challenge of the long projection distance too.

In order to do as little damage as possible in the room, we installed only one Crestron multimedia switch in the corner, which can receive both HDMI and VGA inputs, and transmits the signal to the projector via HDBaseT using 1 Cat6 cable.

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## DEVICE LIST



- EPSON EB-L1750U projector with ELPLL08 optics
- EPSON EB-2245U projector
- SCREENLINE Wave Tensioned and MOT projection screens
- SCREENLINE 4-Rent portable screen
- CRESTRON DM-TX-4K-302-C multimedia switcher