

Case study

Oberengstringen Community Centre



CONCEPT AND PLANNING

- Mounting brackets and truss system
- Media rack planning
- Signal distribution
- Stage lighting
- Room control

IMPLEMENTATION

- Lighting and control system assembly
- Room control programming
- Truss system assembly
- Media rack construction
- Signal wiring

DESIGN

- Stage lighting design
- Panel design for room control
- Media rack design
- Print layout



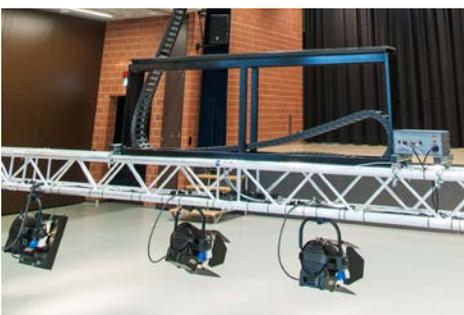
MAXIMUM FLEXIBILITY WITH EASY OPERATION. The community centre in Oberengstringen is hired out to various customer groups for different purposes. The spectrum of activities runs from community assemblies to lectures to ambitious musical and theatre productions. The ageing technology was no longer adequate to meet the growing demand for flexibility, functionality and quality. It was therefore replaced by a safe, flexible, high-quality system from Bluetrac AG, which all users are able to operate easily.



SIMPLE CONTROL. The community centre's system is operated by a touch display linked to a Crestron control system. A password-protected main menu gives the technical team at the centre the ability to allow the current user to access individual controls, so only the parameters that need to be adjusted, such as the hall lights or the screen controls, appear on the control panel. A 'Go Home' function switches off all lights automatically after a predetermined period of time has elapsed, so an inspection round is no longer needed.



FLEXIBLE. The community centre comprises a main hall, a foyer and three seminar rooms, which can be connected by opening the dividing walls. The room control system enables interconnection and central control of the various spaces. The stage, truss and ceiling outlets were designed in order to allow additional lighting and control units to be easily hooked up. All light switches feature a dimmer function and can be locked by the technical team. All spotlights can be manually rotated and positioned with a turning rod without use of a ladder.



COST-EFFICIENT MAINTENANCE. All mechanical and technical elements have been installed to double capacity and comply with current statutory regulations. The truss can be quickly brought down to ground level by means of a motorised system, which considerably facilitates maintenance and servicing. The ability to direct the spotlights from the ground provides maximum convenience. The emergency function, which switches on the hall lights in the event of a system failure, completes the safety concept. All cables to the truss, as well as to the media rack, are detachable, which also simplifies maintenance work.