

DIGITAL  **PROJECTION**

Visitor Attraction Case Study





Auvisys selects Digital Projection for state of the art French Library

After three and a half years, the new state of the art Alexis de Tocqueville library in Caen was inaugurated in early 2017. Designed by famous Dutch architect Rem Koolhaas from OMA, the building, shaped like a St Andrew's cross, hosts over one million art works and is organised around four themed areas: Arts, literature, sciences & technologies and human sciences. This new flagship cultural centre hosts an auditorium for conferences, exhibition venues, reading rooms, a restaurant and a café, as well as administration and preservation areas.



At the heart of the library, the Science & Technologies centre welcomes visitors with an impressive semi-cylindrical video fresco. This particular part of the project presented challenges due to the size of the projection surface (22m x 5m) and the ambient light in the room which is made of glass. Auvisys opted for two ceiling mounted 3-Chip DLP HIGHlite projectors from Digital Projection, to project a striking panoramic image. This series of projectors was selected for its high resolution, image quality, brightness and low maintenance thanks to the laser source. Content is managed by a Modulo Pi media server, allowing for perfect uniformity due to its warping and blending functions.

"Digital Projection was the first manufacturer to offer high-brightness laser, and their team benefits from a technological advance in high power brightness" explains Christophe Vallée. "For this project, laser was a better option than classic lamps because of the necessary long life."

Laser technology is perfectly suited for image blending because of the uniformity in the whites it offers" he adds. This technology also reduces added costs for lamps, regular maintenance of the products and the need to calibrate the video projection every time an action is required.

In the new 150-seater auditorium, Auvisys also selected a projector from the HIGHlite series. Installed on a motorised platform situated at the back of the auditorium, the projector feeds a retractable screen measuring eight metres long by seven metres wide. The projector is HDBaseT fed, using an Extron DTP system linked to various sources (Blu-ray player, computer, etc.).

"It was particularly important for us to respect the characteristics of this space which is very transparent" explains Amélie Chassériaux, project manager for dUCKS scéno. The AV equipment is hanging from the ceiling in order to allow for the glass facade to be free from any technical element." A motorised curtain with sound and blackout properties was fitted to isolate the auditorium from the outside.

HIGHlite Laser II

Key Features of the HIGHlite Laser

- WUXGA Resolution
- Laser illumination
- 13,000 ANSI Lumens
- 20,000 hours illumination on laser models
- 3-Chip DLP



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