

FIRST CLASS EDUCATION FACILITY  
UNIVERSITY OF SYDNEY. FACULTY OF LAW



EDUCATION |

equipment monitoring, Total Presentation Interface, Local



## UNIVERSITY OF SYDNEY, FACULTY OF LAW



Faculty of Law Teaching Space controlled by AMX

### THE PROJECT

The end result speaks for itself – A first class education facility at The University of Sydney Faculty of Law that includes a moot court, a congress lecture theatre and a lecture theatre that thinks it's a cinema.

Established in 1855, the Sydney Law School has made a significant contribution to the Australian judiciary, politics and public life. The Law School seeks to educate lawyers for the 21st century, in which legal services are globalised and lawyers need to move with comfort across national boundaries and different legal systems. This is assisted by providing a new building with state of the art research and learning facilities. And now, the Faculty of Law building stands complete: a proud addition to the main campus at The University of Sydney.

Both the Consultants WSP Lincolne Scott and the AV Integrators KLM Group have worked closely with the University of Sydney for a number of years to provide University-wide AV Installations that have assisted in understanding their expectations and vision.

### THE VISION

The vision of this project was to create a first class facility to suit the evolving standards within the University and the ever-quicken pace of technological change. The building was to feature a large complement of AV-enabled rooms, including:

- General Teaching Spaces – with a 300-seat lecture theatre, three 100-seat lecture theatres, a dedicated 100-seat congress lecture theatre and 18 seminar rooms.
- Faculty Spaces – with a Moot Court facility comprising Main Moot Court, Remote Witness Room, Boardroom and four preparation rooms. Also, a Faculty Boardroom, Faculty Seminar Room, Common Room and Foyer.
- Law Library – with two computer training rooms.

### THE SOLUTION

AMX control systems were selected to create an advanced level of AV integration to communicate seamlessly and reliably within the teaching space using AMX Netlinx Controllers and AMX Modero Touch Panels.



Faculty of Law new lecture theatre

### AMX EQUIPMENT MAKES IT HAPPEN

The breadth and capabilities of AMX Netlinx control systems and AMX Modero Touch Panels were a key part of the successful integration of a number of complex systems.





**Moot Court:** A total of three different user interface devices were needed to help satisfy three very different briefs: firstly, to operate as a seminar room for teaching purposes; secondly, to facilitate a simulated court environment to assist familiarisation with a variety of modern legal scenarios; and thirdly to act as a host site for major Moot Competitions. For basic control, an AMX Mio Modero handheld controller was employed. For more advanced features for the general user, an 8.4" wireless touch panel was provided. For the full technical configuration needs of a trained operator, a 12" touch panel was mounted at the Operator's Desk adjacent to the main equipment racks.

The Moot Court is the stand-out for sheer quantity of AV equipment per square metre. A total of six flat panels (2 x 46-inch, 4 x 60-inch), five HD cameras, multiple loudspeaker zones, 15 microphones, video processors, streaming devices, HD videoconferencing and live record and playback capability for classroom critique of students' performance, all controlled by AMX Netlinx Controllers.

**Lecture Theatre:** The 300-seat lecture theatre is another space with a serious AV capacity. Two 4:3 aspect ratio projection screens are provided for lecture presentations and a single, 9m x 4.8m projection screen caters for high-definition media and movies. The theatre is also capable of hosting panel discussions and conference events through the provision of a central floor box and patch cabling infrastructure to the projection room at the rear again controlled by AMX touch panels and Netlinx central controllers.

**Advanced Integration:** There are a total of four videoconference-enabled spaces in the Faculty of Law: the Moot Court, the 100-seat Congress Lecture Theatre, the Faculty Seminar Room and the Faculty Boardroom. The 100-seat congress theatre features a full Bosch DCN congress system, enabling anyone at any seat to participate in a videoconference or a class discussion. Sophisticated programming via the AMX touch panel control system enables automatic selection of the appropriate preset for the front pan-tilt-zoom camera based on which microphones are active.



Moot Court providing a court like setting with high level of AV installation for automation and control

#### WHY AMX

The University of Sydney had selected AMX control systems as part of the standard for General Teaching Spaces and accordingly it was a natural progression to utilise AMX in all areas of the project to achieve uniformity of user experience, standardisation of control code and management with AMX's Resource Management Suite. The breadth and capabilities of AMX control systems were a key part of the successful integration of a number of complex systems. The ability to maintain the style and operation of the University's Graphical User Interface standard for systems that go well beyond the core standard was a major benefit in helping users adapt to the new capabilities offered.

#### THE OUTCOME

The project as a whole represents a major addition to the University of Sydney's Camperdown campus and has dramatically improved the appearance of Eastern Avenue, where it is located. The need for audio visual systems in higher education environments has continued to grow over the life of the project and this need is mirrored by the level of audio visual integration provided in the finished building provided by KLM. The client was extremely pleased with the work completed by KLM and WSP Lincolne Scott and such diversity will only be found in very few Universities in Australia.

#### LOCATION

Sydney Law School, University of Sydney, Camperdown, NSW

#### AMX PRODUCT LINES

AMX Modero Touch Panels, Netlinx Integrated Controllers

#### OVERVIEW

The University of Sydney built the Faculty of Law with the vision of providing a first class learning space to educate lawyers for the 21st century, which requires the most up to date AV technologies. Selecting KLM Group as their AV integrators, the University's desire for a large number of AV-enabled rooms including a number of large lecture theaters and seminar rooms, faculty spaces and law library, would play an important part in meeting the evolving standards of the University to be achieved.

#### HIGHLIGHT

All rooms had a significant level of sophistication of control, automation and reporting using a large range of AMX products. One key area was the moot court facility which is a stand-out for sheer quality of AV equipment and integration. Using the various interfaces and controllers, the moot court goes over and above the general seminar room, it provides for a simulated court environment, as well as providing the ability to host moot competitions.

PROJECT PARTNERS



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