



CORPORATE

EDUCATION

PUBLIC SECTOR

RESIDENTIAL

SPECIALIST

client: Liverpool John Moores University, Liverpool

Originating in 1825, Liverpool John Moores University (LJMU) is one of the UK's largest universities with 24,440 students in Liverpool and a further 5540 students associated with 72 partner organisations. LJMU was the first, and is still the only, university to adopt the EFQM European Excellence Model which has enabled it to evolve into a forward-thinking, modern and commercially-aware university.

the brief:

proAV® was asked to deliver extensive professional audio visual and video conferencing systems for LJMU's new £32m Art and Design Academy building in the heart of Liverpool's creative quarter. A range of conferencing, meeting, training and presentation rooms at this new purpose-built building required an innovative AV solution throughout.

installation (the delivery):

Sophisticated audio visual equipment that incorporated the industry's latest cutting-edge technology was installed throughout. Equipment includes high-impact display systems, wide-ranging, fully-interactive audio and video conferencing, lecture and multimedia presentation facilities. In addition, a dynamic digital signage network designed to manage displays from a central location was installed.

A number of specialist areas were equipped with professional AV technologies, including:

ICT Training Suite

- SXGA resolution DLP projection systems with HDMI switcher and matrix router
- Video input sources including Blue-ray HD DVD, multi-

region DVD, network teaching PC with DVI output, XGA video visualiser, wireless keyboard and mouse system

- Audio input sources including 2 x programme sound speaker systems with 4 x 4" bass drivers, HF driver and amplifier
- Controls via 8.4" wireless touch panel with full management of audio and visual input sources

Boardroom

- 65" wall-mounted WXGA plasma display screen with side speakers
- Video conferencing codec
- Video input sources including Blue-ray HD and XGA video visualiser with lightbox
- Audio input sources including programme sound and voice reinforcement systems with in-wall/ceiling speakers and table microphones
- Controls via 8.4" wireless touch panel with full management of audio and visual input sources

Auditorium 1

- 2 x SXGA resolution DLP projection systems with HDMI switcher and DVI matrix router
- Video input sources including Blue-ray HD DVD, multi-region DVD, network teaching PC with DVI output, XGA video visualiser with lightbox, wireless keyboard and mouse system
- Audio input sources including programme sound and voice reinforcement systems with front of house speakers, ceiling speakers, in-wall speakers, flat panel speakers, gooseneck lectern microphone, UHF wireless system and presenters' tie-clip transmitter



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- Controls via technicians' wireless touch panel and 15" lectern-mounted touch panel with RGB and video preview, streaming and annotation software
- Bespoke triple-width presentation lecture with secure housing for equipment, touch panel stand, laptop input plate and microphone light

Auditorium 2 and Control Room

- Christie HD12K, 12000 ANSI Lumen DLP projection system with HDMI switcher and DVI matrix router
- Video input sources including Blue-ray HD DVD, multi-region DVD, network PC with DVI output, SXGA video visualiser and wireless keyboard and mouse system
- Audio input sources including programme sound and voice reinforcement systems with front of house speakers, ceiling speakers, gooseneck lectern microphone, UHF wireless system and presenters' tie-clip transmitter
- 3 x CCD colour video cameras with remote control interface
- Controls via technicians' wireless touch panel and 15" lectern-mounted touch panel with RGB and video preview, streaming and annotation software
- Bespoke triple-width presentation lecture with secure housing for equipment, touch panel stand, laptop input plate and microphone light
- Control room equipped with bespoke studio style gallery console, 32 channel live mixing desk, three way monitor with driver and tweeter, multi-format mixing desk, 2 x bank of 3 x 4.5" preview monitors, 20" HD TFT broadcast monitor, DTE recorder and intercom station with 4 x headsets and dynamic microphones.

Mobile System

- SXGA LCD projector and switchers mounted on bespoke mobile presenter with lockable doors, projector shelf and laptop and auxiliary video input plate

- Audio visual input sources including DVD, full range speaker system, UHF wireless system and presenters' tie-clip transmitter
- Controls via 16 button panel-mounted controller

Digital Signage

Digital signage system incorporating networkable information distribution system and content distribution control over display equipment located in the following areas:

- Reception: 46" wall-mounted full HD LCD display monitor with built-in speaker system,
- Cafeteria: 46" wall-mounted full HD LCD display monitor with built-in speaker system
- Auditorium gathering space: 52" wall-mounted full HD LCD display monitor with built-in speaker system
- Reception: Christie Roadster 12,000 SXGA+ DLP projection System

additional information:

"Liverpool JMU has been delighted with the support we have received from proAV® on our new £32m Art and Design Academy. They have exceeded our expectations and shown a professional approach from tender submission through to completion. Their on-site team have produced work of the highest quality and went the extra mile on numerous occasions to ensure we met our deadlines. We subsequently hosted the BBC Connect and Create Conference in January 2009. proAV® managed the AV for the event at no additional cost and helped to produce an event that the BBC were bowled over with. Our relationship with proAV® has been more of a partnership than a traditional customer/supplier relationship with shared aims of creating a world class facility in Liverpool."

Mark Nevitt
Mount Pleasant Resource Director, LJMU