



EDUCATION



OPPORTUNITY

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SOLUTION

AV specialists, Videopro, devised a complete setup utilizing HARMAN Professional AV solutions, including AMX Touch Panels, Enova Presentation and Digital Media Switchers, and JBL speakers.



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GRIFFITH UNIVERSITY, AUSTRALIA

Videopro recently deployed a HARMAN Professional AV solution at Griffith University’s Red Zone to provide a dynamic, new experience for students and visitors to explore and visualize the realms of innovation and research.

Ranked in the top three percent of universities worldwide, with a network of five campuses located throughout Brisbane, Logan and the Gold Coast, Griffith University recently conceptualized innovative new learning space called “Red Zones.” A Red Zone is designed to project appealing visuals on the walls and ceilings, creating an interactive, engaging learning experience. To bring this concept to reality, Griffith hired the leading AV specialists, Videopro, who devised the complete setup utilizing HARMAN Professional AV solutions consisting of AMX Modero® Touch Panels, Enova® DVX Presentation Switchers and DGX Digital Media Switchers, and JBL Control Series speakers.

“Griffith University needed a state-of-the-art AV solution, enabling faculty to display media and presentations in new and compelling ways,” said Alex Russell, Senior Account Executive, Videopro. “We composed an easy-to-use interactive display wall, split into three separate sections, enabling students and staff to showcase their research activities, display presentations and video calls, and host industry events all in the same room.”

Aimed at creating an intriguing 3D projection wall and ceiling experience, Videopro installed a custom fiberglass dome screen with motion sensor technology to control user input. Similar to the flight simulator model, the dome provides a complete 157-degree field of view. Four high brightness projectors in portrait orientation are blended to create a standard image. To minimize the audio spill, parabolic speakers were fixed. In addition, a Microtile touch wall was established to form the ultimate digital canvas during full-screen display. Finally, the augmented reality sandbox was used to create an augmented atmosphere that can be used to teach geographic, geologic and hydrological concepts.





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The Red Zone is a space that Griffith uses to showcase what we do. Its multifaceted zone allows us to create an enhanced participatory learning experience for students. Staff members can quickly integrate new media into lectures, allowing for more relevant and flexible conversations. None of that would be possible without the HARMAN Professional Solutions AV solution that Videopro designed for us. Over the last year, nearly 50,000 students have visited this room, and we see this as an indicator of project success.”

Videopro outfitted Griffith University with Modero MSD-701-L and MSD-1001-L touch panels, which enable staff to quickly and easily set up multimedia presentations. The AMX HPX-1600 Retractable Connection Ports and the NetLinX NX-3200 Integrated Controller that controls a variety of components including audio/video conferencing and projectors make connecting mobile devices to the display system fast and easy. The Enova DVX-3155HD Presentation Switcher, DGX DVI input and output cards and DGX16-ENC DGX Enclosure offer high-quality audio and video distribution throughout the entire space. JBL Control 25AV and Control 65 P/T ceiling mounted speakers allow audience members to enjoy pristine sound from anywhere in the room.

“The Red Zone is a space that Griffith uses to showcase what we do. Its multifaceted zone allows us to create an enhanced participatory learning experience for students,” said Mery Connell, Griffith University. “Staff members can quickly integrate new media into lectures, allowing for more relevant and flexible conversations. None of that would be possible without the HARMAN Professional Solutions AV solution that Videopro designed for us. Over the last year, nearly 50,000 students have visited this room, and we see this as an indicator of project success. Not only do people like coming here, but it is our way of engaging with the larger community.”

“It is an honour for HARMAN Professional Solutions to be associated with Griffith University and to be able to extend customized, multifaceted solutions through a unified platform,” said Ramesh Jayaraman, VP & GM HARMAN Professional Solutions, APAC. “We thank Videopro for their exceptional audio-visual services and for creating an immersive space that heightens student’s awareness and encourages greater participation.”





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PRODUCTS USED

AMX MODER0 MSD-701-L AND MSD-1001-L TOUCH PANELS

AMX HYDRAPORT HPX-1600 RETRACTABLE CONNECTION PORTS

AMX NETLIX NX-3200 INTEGRATED CONTROLLERS

AMX ENOVA DVX-3155HD PRESENTATION SWITCHERS

AMX ENOVA DGX DVI INPUT AND OUTPUT CARDS

AMX ENOVA DGX16-ENC ENCLOSURE

JBL CONTROL 25AV AND CONTROL 65 P/T CEILING-MOUNTED SPEAKERS



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