



THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

Great Hall AV Technology

User Features and Functions

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1. SYSTEM CAPABILITIES OVERVIEW

The Great Hall at the University of Newcastle (UON) Callaghan campus includes technology for many types of events of various sizes.

Below is an overview of the capabilities of the installed technology and what is provided for users of the venue.

a) Audio

The PA system installed is capable of filling the entire space with voice, background music, foreground music and live music productions. As a guideline for events, the PA system is capable of 90dbA sound pressure between 80 Hz and 16 kHz.

b) Video

The video solution and displays installed are capable of showing digital video content from multiple locations within the venue and foyer area. The venue includes 3 large screens for display of high definition digital video content.

c) Control

The AV system is controlled by touch panels located back of stage and in the Bio box. Both of the touch panels have been configured with commonly used scenarios. If the portable lectern is setup for presentations the control panel on the portable lectern will operate the space in a Lecture Mode. For production purposes a mixing desk is optional and available in the bio box when you have an audio engineer assisting with your production.

d) Recording and Streaming

The venue has the capability of recording events to USB storage devices, and for streaming events to overflow locations within the University. It is recommended to contact your UON representative to discuss whether this capability meets the event specific requirements.

2. PROVIDED EQUIPMENT

a) Audio

Microphones

- 4 x Wireless handheld mics
- 4 x Wireless lapel mics
- 4 x Wireless boundary mics
- 2 x Podiums with 2 gooseneck mics each
- 1 x Portable lectern with gooseneck mic

Stage Equipment

- 4 x Fold back speakers for use on the stage
- 4 x Fixed stage mic/Line input plates
- 2 x 16x8 Stage I/O boxes for use with the mixing desk when used by an audio engineer

Bio Box Equipment

- Allen and Heath 48 channel digital mixing desk
- CD player
- Paging mic
- Monitoring speaker

b) Video

Portable Lectern

- In-house PC – UON login required
- Laptop HDMI connection
- Document camera / Visualiser

Stage Equipment

- 5 x HDMI inputs
- Wireless presentation receiver – UON wireless connection required (Guest access is available)
- 2 x Pan/Tilt/Zoom cameras controlled by joystick in Bio box
- 2 x Video preview monitors

Bio box Equipment

- In-House PC – UON Login required
- Laptop HDMI connection
- DVD/Blu-ray player
- Preview monitor

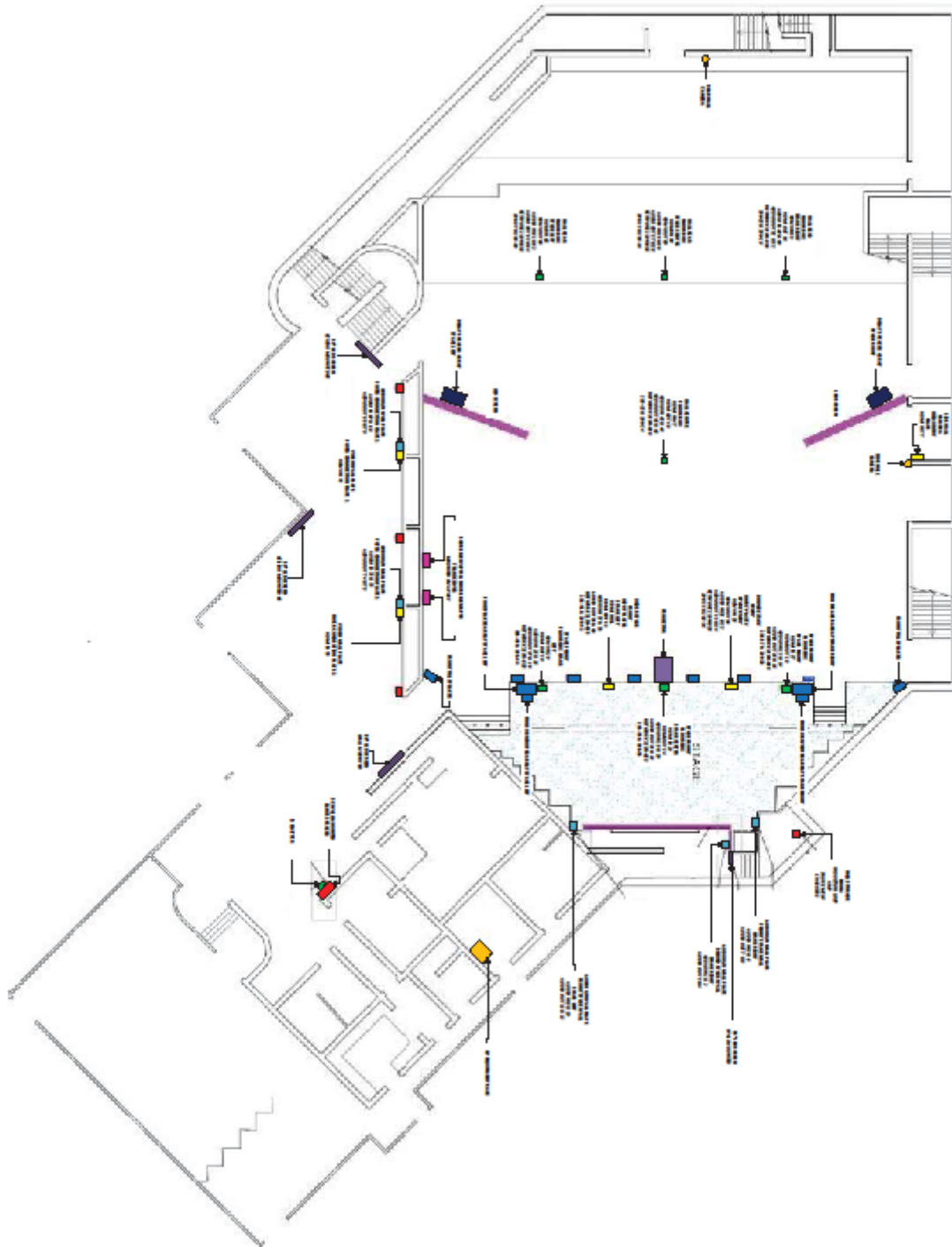
3. USER REQUIREMENTS MATRIX

The Great Hall can be used for numerous types and sizes of events. Setup and operation by specialists may be required. We have put together a guide to assist in determining the user requirements.

Functional Requirement	Setup Required	Audio Operator Required	Additional Equipment Required
Presentation using in-house wireless mics	No	No	No
Viewing a DVD or video content from inputs on the stage, in the hall or in the Bio box	No	No	No
Presentation of a Lecture	Yes – Portable Lectern is stored away when not in use	No	No
Large presentation ceremonies such as graduation or other awards ceremonies	Yes – Stage will require setup	Yes	No
Musical Event such as a choir or live instruments	Yes – Stage will require setup	Yes	Yes – Additional mics will be required
Rock Concert	Yes – Stage will require setup and management	Yes	Yes – Additional mics and additional audio equipment will be required

If you are in doubt or require setup and/or operators it is recommended to contact your UON representative with your specific requirements.

Refer to 'UON Great Hall – Equipment Map' for full view.



5. PICTURES OF THE VENUE

a) Great Hall – View to Stage



b) Great Hall – View from Stage



c) Portable Lectern



d) Bio Box



e) Front of House Speakers and Main Screen



f) Delay Speakers and Side Screen

