



UNSW Hospitality

Technical Information

Sir John Clancy Auditorium

Summary of Key AV Inclusions

STAGE	19.7m (w) x 8.3 (d) at widest points
SCREEN	12.88m (w) x 4.025m (h) (61:20 custom aspect ratio / 3660 x 1200 pixels)
WIRELESS MICS	8 Channels (handheld or lapel)
LIGHTING	Full stage wash / various static specials

Detailed AV Inclusions

Audio

There is a full sound system in the venue, comprising of a Front-of-House PA, fold back speakers and Foyer music/paging. Also included are extensive audio routing and patching capabilities.

FOH speakers:	Main FOH: 2 x Nexo GEO S12 Arrays Front fill: 4 x Nexo PS8	≥105 db SPL C at +10dBu +/- 4dB at 100Hz – 10kHz entire room
Amplifiers:	1 x Nexo NXAMP 4x4 1 x Nexo NXAMP 4x1 2 x Lab.Gruppen fp2400q	4 x 1900w at 8 ohms 4 x 600w at 8 ohms 4 x 370w at 8 ohms (foldback)
Foyer Paging:	Yes	Wireless microphone, iPod input, feed from auditorium
Audio Mixer:	Yamaha M7CL-48 Digital Mixer	48 mono mic/line inputs 4 stereo mic/line inputs 12 fully assignable outputs
Audio Stage Box:	2 x Yamaha SB168-ES	EtherSound compliant 16in/8out stage box 5 x Cat 5 patch points at stage
Effects (M7CL):	Extensive onboard effects:	Reverb Delay Echo Chorus Flange Pitch Mod

Radio Microphones:	2 x Shure ULXD4Q	8 Channels ULXD2/SM86 or Beta SM58 ULXD1/MX184 or Countryman B3
Wired Microphones:	6 x Shure SM58 beta 6 x Shure SM57 beta 5 x AKG CK91 1 x AKG CK93 4 x AKG CK98 2 x Shure MX418/C 1 x Shure Beta 52A 3 x Shure Beta 98A	
Playback Equipment:	1 x Tascam CD-500B 1 x Tascam SS-CDR1	frame accurate CD player CD/mp3 recorder
Stage Mic Points:	48	24 points at 12 locations
Tie Lines to Building:	18 tie points, each with 1 x Mic and 1 x Tie line, 2 x Comms Loops	6 around stage, 6 in Auditorium, 3 backstage and 3 in Foyer
Headset Communications:	2 discrete loops	Coda system 6 x Headsets and Belt packs
Hearing Aid Loop:	Yes	Covers front section of auditorium and the foyer

Vision

The Clancy Auditorium has an extensive vision infrastructure including two full HD laser projectors edge blended into a custom format widescreen, which is control via Dataton Watchout.

Video Projectors:	2 x Panasonic PT-RZ12KU Laser Projectors	Resolution: 1920x1200 (native) Lumens: 12,000
	Full Screen Resolution	3660x1200 (Projectors are soft edge blended into one large format projection)
Screen:	1 x Motorised	4,025mm x 12,880mm
Vision Tie Lines:	5 x HDMI & VGA over fiber optic 17 x Fiber optic tie lines around venue	Tie lines from stage Patchable in control room Note: Fibre Optic Lines are Capable of carrying HDMI, DVI and VGA with embedded Audio Or SD/HD/3G/6G SDI
Video Playback:	1 x JVC SR-HD1500 1 x OPPO BDP-105AU	Blu-ray Player / HDD Recorder Professional Blu-Ray Player
Video Mixer	Black Magic ATEM Production Studio 4k	Controlled via Broadcast Panel
	Inputs:	4 x SDI 4 x HDMI
	Program Outputs:	1 x HD-SDI 1 x SDI 1 x HDMI 1 x SDI Auxiliary
	Multiview Outputs:	1 x HD-SDI 1 x HDMI
Optical Fiber Matrix Switcher:	SMX Series	16 x 16
HDMI Matrix Switcher	1 x XTP Crosspoint 1600	16 x 16

Multi Display Production and Playback System:	Dataton Watchout Inputs:	2 x DVI 1 x HD-SDI
	Outputs:	2 x DVI
Backstage Monitors:	3 x 32" LCDs	One at each back-stage door, one in Green Room
Foyer Monitors:	2 x 50" LCDs	Located on Southern end of the foyer
Remote Control Camera:	Panasonic AW-HE100E	3CCD, full PTZ control HD-SDI Output
Tie Lines to/from other venues:	Optical Fiber Link	Up to 4 Optical fiber lines can be used to transmit or receive video and audio

Lighting

The auditorium has a basic theatre lighting rig for dimmable stage wash and 6 dedicated specials for static spot lighting.

Dimmers:	2 x 12ch Dynalite	24 channels 2.4kw
DMX Distribution:	LSC Nexus NXSR	Ethernet / DMX converter 2 x Ethernet ports 5 x DMX inputs / outputs (assignable)
Lighting Desk:	LSC Maxim	36 / 72 Channels 42 Playback faders / 9 pages PaTPad Controller
Stage Lights FOH:	12 x Strand Cantata 1.2kW 11/26 Profile	
Stage Lights over Stage:	4 x Alto 2kW Fresnel	
	12 x Strand Cantata 1.2kW Fresnel	
DMX Tie Lines:	1 send/receive to backstage	
Riggers Control:	Ceiling, backstage	