

Audio-visual Equipment Specifications

Sir John Clancy Auditorium (C24)

Last Updated: 29-May-23

STAGE

Dimensions		19.7m (w) x 8.3 (d) at widest points
Green Room	1	Located backstage

AUDIO

Foyer speakers	Zone 1 – North Main Foyer Zone 2 – North Bar area Zone 3 – West Foyer Zone 4 – East Foyer	Fed from custodian office or control room
FOH speakers	Main FOH: 2 x Nexo GEO S12 Arrays Front Fill: 4 x Nexo PS8	>103 db SPL C at +10dBu +/- 4dB at 100Hz – 10kHz entire room
Amplifiers	1 x Nexo NXAMP 4x4 1 x Nexo NXAMP 4x1 2 x Yamaha PC406D	4 x 1900w at 8 ohms 4 x 600w at 8 ohms 8 x 600w at 8 ohms (for foldback speakers)
Foldback Speakers	6 x JBL MRX512M	400w (Passive)
Audio Mixer	Allen & Heath dLive C3500 C Class Surface with dLive CDM32 MixRack	
Audio Stage Box	2 x Allen & Heath DX168	16 x XLR input 8 x XLR output
Radio Microphones	2 x Shure Shure ULXD4Q Quad Channel Digital Wireless Receiver	8 Channels ULXD2/SM86 or SM58 on request ULXD1/MX184 or Countryman B3
Microphones & DI Boxes	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 MX412/C	

	1 x Shure Beta 52A 3 x Sennheiser e904 3 x Shure SM81 4 x Radial J48 mono DI Box 2 x Radial J48 stereo DI Box	
Playback Equipment	1 x Tascam CD-500B	
Recording Equipment	1 x Tascam SS-CDR250N	2 x SD card 1 x USB Dante input

VIDEO

Projection	2 x Panasonic PT-RZ12KU Laser Projectors Full Screen Resolution	Resolution: 1920x1200 (native) Lumens: 12,000 3660 x1200 (Projectors are soft edge blended into one large format projection)
Projection Screens	1 x Motorised	4,025mm x 12,880mm
Foyer Screens	2 x 55" LCD screens (above ticket box)	Content sent from control room or programmed via AppSpace
Backstage Screens	3 x 32" LCD screens	Content sent from control room
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
Playback	2 x Dell Precision 3450 Dataton Watchout Inputs: Outputs:	NDI / 4 x HDMI / 4 x 12G SDI NDI / 4 x HDMI
Switcher	TriCaster TC410 Plus	Specifications
Camera	1 x Panasonic AW-UE100	Up to 4K video (Running as 1080p) 24x Optical Zoom NDI & 12G SDI outputs

LIGHTING

Control Desk	Road Hog 4	
Dimmers	None	
Stage Lighting	4 x ETC fos/4 Fresnel Lustr X8 24 x ETC Source 4 Series Daylight HDR	Refer to Clancy Standard Lighting Rig document for fixture locations

