

## Leighton Hall: Technical Information

Detailed information on the equipment and infrastructure supplied as part of hiring the Leighton Hall.

### Video / Data Presentation

Leighton Hall has an extensive video infrastructure including video projector, numerous video and data tie-lines to points around the auditorium and other venues, full video/data routing capabilities, a variety of playback and recording devices, vision mixer and a remote control camera.

Video Projector:	Digital Projection Highlite 8000Dsx	Resolution: 1400 x 1050 (native) Lumens: 8000 Video Compatibility: PAL / NTSC / SECAM PC/Mac Resolutions - up to 1600 x 1200
Screen:	Motorised	6.9m (w) x 5.2m (h), roll-down Screen operable from Control Room
PC/Mac Tie Lines:	6, each RGBHV	6 around auditorium, 2 in Control Room
Video Tie Lines:	21 points, each with 3 tie lines	
Video Playback:	2 x JVC SR-V10E 1 x JVC SR-30E 1 x Sony DVD player	VHS, SVHS Mini DV/VHS 5-disc carousel DVP-C670D
Video Mixer with audio follow:	Panasonic MX-70	4 inputs, TBC, digital effects
Scan Converter:	1 x Extron VSC-300	
RGBHV Matrix Switcher with audio follow:	Extron Crosspoint 12x8	All RGBHV sources and destinations including tie lines are routable
Composite Video Matrix Switcher with audio follow:	Extron MAV 16x16	All video sources and destinations are routable. Video tie lines are patched into spare I/Os as needed.
Seamless Switcher:	1 x Extron MGP 462	Seamless switching and windowing.
Remote Control Camera:	Panasonic AWE560	3CCD, full PTZ control
Tie Lines to/from other venues:	2 send / 2 receive	Composite video, stereo balanced audio
Slide Projector:	Elmo 552 AF	1.2kW Xenon Lamp Long-throw lens for use from Control Room

### Sound

There is a full sound system in the venue, comprising of a Front-of-House PA, mixer, processors and patches

FOH speakers:	Main speakers: 2 x Australian Monitor QMX Double 15 Delay speakers: 6 x JBL Control 25	1000w ea  100w ea
Amplifiers:	FOH Main: 1x AM3002 FOH Delay: AM1200 Available: AM1200	1000w/ch  300w/ch  6 channels at 300w/ch
Audio Mixer:	Yamaha LS9- 32 (With 8 in, 8 out expansion card)	40 mono mic/line inputs L, C, R outputs to FOH PA. C output feeds recording devices 20 fully assignable outputs

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Audio Processors:	LS9 Mixer	Extensive on-board dynamics processing.
	2 x Sabine PowerQ 1 x DBX 1066 2 x DBX 2231 4 x DBX 1086 2 x Symetrix 522E 1 x Symetrix 528E 2 x Symetrix 421 1 x Symetrix DQX206	digital auto-eq, parametric/graphic compressor/gate/limiter 31-band graphic eq mic pre-processor stereo 31-band graphic eq voice processors: eq, compression automatic gain control - recording room delay speaker processor
Effects / Reverbs:	LS9 mixer provides extensive on-board effects.	
Radio Microphones:	4 x Shure UHF	each channel may have handheld mic, or lapel/beltpack
Microphones:	6 x Shure SM58 beta 6 x Shure SM57 beta 6 x AKG CK91 4 x AKG CK98	
Source Equipment:	1 x Denon DN-C680 2 x Marantz PMD-520 1 x Tascam MD350 1 x Sony PCM-R700	frame accurate CD player dual cassette player/recorder minidisc player/recorder DAT player/recorder
Mic Lines from Stage to Control Room:	24	2 x 12-way stage boxes from tie points
Tie Lines to Auditorium:	21 tie points	each with 1 x Mic and 1 x Tie line, 2 x Comms Loops
Tie Lines to/from other venues:	2 send / 2 receive	Composite video, stereo balanced audio
Hearing Aid Loop:	Yes	Covers auditorium
Headset Communications:	2 discrete loops	Coda system 6 x Headsets and Beltpacks

### Lighting

No. of Channels/ Dimmers:	24	2.4kW
Dimmers:	2 x 12ch	Bytecrafft Bytesize
Control Desk:	LSC maXim	36/ 72 Channels Moving light controller
Colour Scrollers:	16 x Showcraft Colourset	16 colours per scroller dedicated controller
Stage Lights:	12 x Strand Brio 18/30 12 x Strand SL 18/34 4x ETC Source Four Revolution moving head spotlights.	
Lighting Patch Circuits:	63	4 at 12 lighting bar locations 1 at 15 floor boxes
DMX Tie Lines:	8 send/receive to tiepoints	
Lighting Bar:	12	6 on each side of auditorium
Rigging Points:	12 x 200kg	Eyes on the inside end of each lighting bar