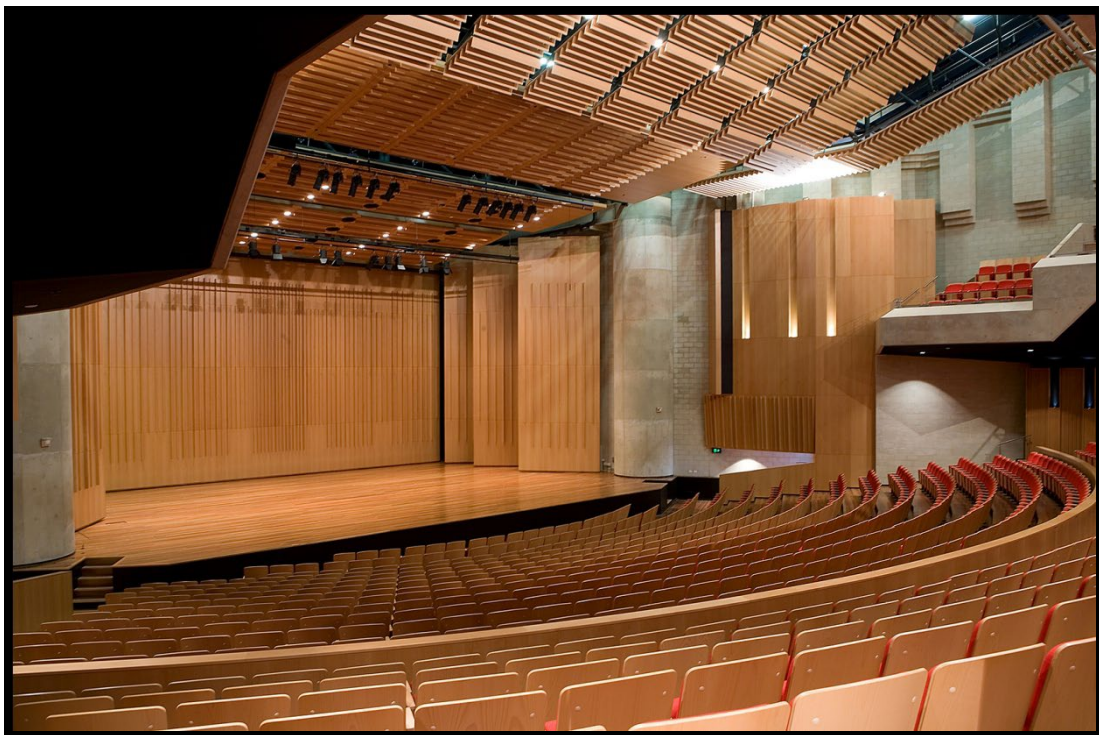




Llewellyn Hall

llewellynhall.com.au



Technical Specifications

Updated July 2026

Venue Manager:

Clara-Rike Niemeyer

Email address: clara-rike.niemeyer@anu.edu.au

Venue Information:

Situated inside the School of Music at the Australian National University, Llewellyn Hall houses a concert platform ideal for classical and contemporary music performances, as well as guest speakers. It has continental stalls seating and gallery arrangement and is capable of seating 1335 people. The venue has wooden acoustic panels as wings with no traditional theatre drapes available. The venue is incapable of a true dead black out.

The venue underwent a major acoustic refurbishment in 2008, has had an L'Acoustics Kara PA installed in 2019 and in 2024 underwent an LED lighting upgrade integrating fully controllable architectural, backstage and house lighting to become a state-of-the-art performance facility.

Llewellyn Hall is one of the best acoustic venues in Australia where the ANU Centralised Venues team provides professional audio-visual, production and front of house staff.

The venue is situated on William Herbert Place, off Childers Street in City West, in the centre of Canberra.

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STAGE**Brief Stage Description:**

Llewellyn Hall has an unraked stage with Tasmanian ironbark floor boards.

There is to be no screwing into the floor surface.

NB Due to the nature of the hardwood floor some point load pressure may dent the floor. Point loads are therefore subject to venue manager's discretion.

Stage distributed load limit: **750 kg/m² (7.5 kPa)**

Stage point load limit: **450 kg (4.5 kN) – subject to venue discretion**

Stage rake: **No**

Stage Dimensions:

Setting Line: Down stage edge of stage

Distance From (*SL* = Setting Line, *CL* = Centre Line)

SL to DS edge of Orchestra Pit	4.2m
SL to rear wall	13m
CL to OP wall (or obstruction)	9.75m
CL to PS wall (or obstruction)	9.75m
Stage to underside of ceiling	See
	below

Overhead obstructions

There are two (2) Flown ceiling sound panels that are electrically operated and one which is dead hung at a fixed height.

Panel 1 [DS Panel] dead hung at:	X.Ym
Panel 2 [MS Panel] at lowest position to stage:	9.5m
Panel 2 [MS Panel] at highest position to stage:	10.6m
Panel 3 [US Panel] at lowest position to stage:	9.5m
Panel 3 [US Panel] at highest position to stage:	10.6m

Staging Notes:

The venue has a rear travelling soundboard measuring 11m high by 15m wide which can move up and downstage. This soundboard can only safely be operated before bump in commences. The range of movement is:

Soundboard US Limit:	13m	from edge of stage
Soundboard DS Limit:	8m	from edge of stage

In place of drape legs, the wings in Llewellyn Hall are created by 6 Sound Panels, 3 on SL and 3 on SR. These wings hang on a roller and are guided by a pin track in the floor. This means that the side sound panels can move upstage and downstage and can be rotated up to around 60 degrees off the US-DS axis from their centre. Enquire with the venue manager for more configurations of these wings.

Stage Covers: **N/A**

Stage Traps:

4 traps on the downstage edge provide power and data only.

Safety Curtain: **N/A**

Flying Facilities:

The Hall does not have a flying system apart from the designated LX bars.

Motors can be installed at a limited number of points.

Other rigging points are available in the venue (FOH and Stage) and are evaluated on a case by case basis.

Please contact the Venue Manager to discuss further.

Banner Bar:

The banner bar is attached to the moving sound board and is operated by a hand winch. It can carry banners and drapes including star cloths, cycloramas & chiffons.

Banner bar height at Top Dead is 9500mm from the floor.

Acoustic Panelling:

Type	Material	Colour	Width	Height	Quantity
Sound Board	European Beech Acoustic Wooden Panelling	Light wood	15.1m	10m	1
Wings	European Beech Acoustic Wooden Panelling	Light wood	3.4	10m	6 (3 per side)

Staging Units:

(40) StageRight riser decks. Double sided with black Polytrac hard surface, and black and grey pepper colour carpet surface.

Length: **1800mm (nominal)**

Width: **1200mm (nominal)**

Height: **80mm to 1000mm**

(8) StageRight riser decks. Double sided with black Polytrac hard surface, and black and grey pepper colour carpet surface.

Length: **1200mm (nominal)**

Width: **1200mm (nominal)**

Height: **80mm to 1000mm**

(1) Megadeck riser with black carpet surface.

Length: **1100mm**

Width: **1000mm**
Height: **200mm** or **300mm**
Primarily intended as Conductor's Riser

Staging Notes

Various riser configurations can be constructed. Contact venue manager to discuss riser requirements.
Skirting available
Chair stops available
Back & side railings available
Treads to suit various heights

Access Equipment:

Elevated Work Platform

Genie GS-2632 E-Drive - [link](#)
Max Working Height - 9.96 m

Ladders

Bailey fiberglass Extension ladder 120kg max SWL
Ladder height **2.92m**
Maximum Extension height **6.4m**
Bailey Platform Ladder Fibreglass 5 step 150kg max SWL
Step ladder height **2.45m**
Platform Vertical height **1.43m**
Rhino double sided step ladder Fibreglass 4 step 120kg max SWL
Step ladder height **1.2m**
Reach height **2.6m**

Access to the FOH house catwalk system is via level six of the building and is subject to approval by Venue Manager.

Loading Dock:

Access

Loading access to Llewellyn Hall for touring rigs is through front door of venue. Goods can be unloaded from circular driveway on William Herbert Place. Under some circumstances load in can make use of the venue loading dock, though loading from the front is almost always advised.

Restrictions / Obstructions

Ramp/Incline to stage door from front door of venue: is approximately **25 Degrees**,

Corridor width: **1.7m at tightest doorway**

Corridor height: **2.2m at tightest point**

AUDITORIUM

Auditorium consists of stalls and a gallery seating area.

Stalls seating capacity with orchestra pit open **850**

Stalls seating capacity with audience seats on top of orchestra pit **960**

Gallery seating capacity **375**

Wheelchair allocated seating positions **8**

NB: If FOH stalls sound position is being used a minimum of **6** seats need to be removed from stalls. Usually, 15 seats are reserved for this purpose until they are released by the production team.

Seating capacity with additional

Orchestra pit seating installed **1335**

Seating capacity without

Orchestra pit seating installed **1226**

Orchestra Pit:

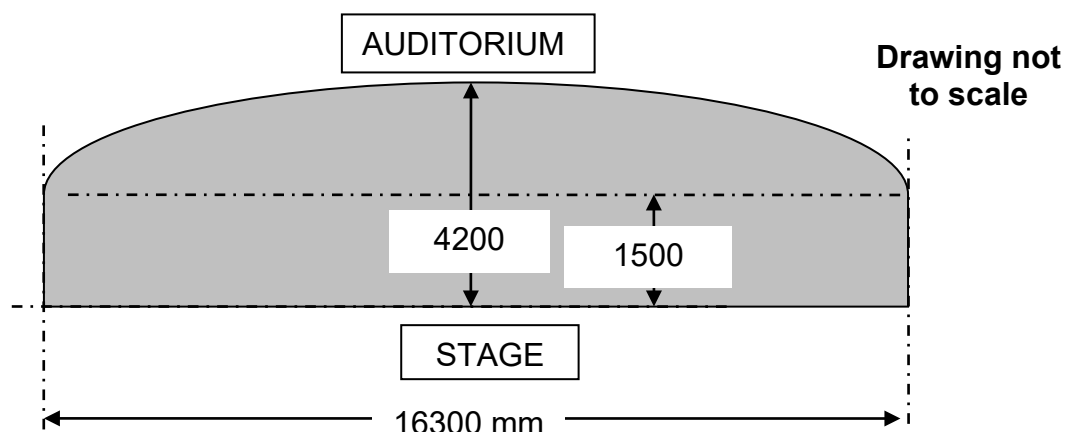
The Orchestra pit is covered with fixed floor sections that must be manually removed.

Stage level above auditorium = **1000 mm**

Orchestra pit level below auditorium = **1100 mm**

Orchestra pit maximum capacity: **40**

Dimensions of the orchestra pit



LIGHTING**Positions:****Stage LX Bars**

There are 4 LX bars over stage, As the Sound Board is moved further downstage, access to LX 3 & 4 becomes restricted. The sound board cannot be moved when lanterns are rigged on LX 4.

Each lighting bar has a Rated Capacity (Working Load Limit) of 300 kg and a Maximum Point Load of 75 kg. The lighting bars on the FOH bridges have a rating of 45 kg/m

LX #1

Edge of Stage to lighting bar	1.850m (@ 9.5m)
Bar length	14m

LX #2

Edge of Stage to lighting bar	6.2m (@ 8.39m)
Bar length	14m

LX #3

Edge of Stage to lighting bar	9m (@ 10.36m)
Bar length	14m

LX #4

Edge of Stage to lighting bar	11.950m (@ 10.29m)
Bar length	14m

FOH Bridge #1

Edge of Stage to lighting bar	23.5m 47 degrees from edge of stage
Usable bar width	18m

FOH Bridge #2

Edge of Stage to lighting bar	12.8m 57 degrees from edge of stage
Usable bar width	18m

Balcony Bar

Edge of Stage to lighting bar	18.3m 21 degrees from edge of stage
Usable bar width	2x9m

Notes: there are two balcony bars separated by a central concrete feature.
See auditorium photo

Control:

Lighting desk	ETC ION 2000
Control channels	2048
Signal output	2x DMX512 over XLR5, ArtNet & sACN
Signal distribution	1 DMX universe with repeaters in Bio Box, Organ Loft & Dimmer Room. Upon request: 1x Quattro (XLR5), 1x OCTO (XLR5) 1x OCTO (RJ45)
Remote rigger available:	YES, iPad with iRFR
Control positions:	Bio Box, Stage OP side, Rear of Stalls

House Lights:

Independent control	YES – Controlled via ETC Paradigm wall plates
Control positions	LX Console, Stage Managers desk, OP entrance wall
Fade time adjustable	Yes via Lighting Console
	Touch panels offer 4 second fade to preset levels.

Dimmer Racks:

Total Dimmers	96 Channels of LSC Unity Relay/Dimmers 12 Channels of LSC Gen VI Relay/Dimmers 12 Channels of LSC APS Relays
Dimmers Location	Level 7

Patching:

Location	#	Numbering (FOH: PS to OP Onstage: PS to C, mirrored C to OP)	Detail / Accessories
BRIDGE 2	20	80-61	Typically patched 61 - 80
BRIDGE 1	30	110-81	Typically patched 81 - 110
LX1	15	1-15	Typically patched 1- 15
LX2	15	16-30	Typically patched 16 - 30
LX3	15	31-45	Typically patched 31 - 45
LX4	15	46-60	Typically patched 46 - 60

3 Phase Outlets:

Return to DB upstage OP

Location	#	Connector
OP Downstage corner next to stage	2	40A Clipsal sockets
PS Downstage corner next to stage	2	40A Clipsal sockets
US OP	2	40A Clipsal sockets

Powerlock tails can be installed on this board with prior notice at cost.

Stage Luminaires:**Profiles**

Make	Model	Angle	Detail / Accessories	Watt	#
Martin	ELP WW	26 deg		LED - 270	12
Martin	ELP WW	15-30 deg		LED - 270	4
Robert Juliat	ZEP2 661SX2 WW	11-26 deg		LED - 300	3
Selecon	Pacific	12 - 28 deg		800	10

Fresnels

Make	Model	Angle	Detail / Accessories	Watt	#
Prolights	Ecl TU	17-66 deg	Barn doors/ Gel Frames	230	10
Prolights	2KTW	17-76 deg	Barn doors/ Gel Frames	400	4

Par cans

Make	Model	Detail / Accessories	Watt	#
Generic	Birdie/par 16	Gel frames	50	6
Showpro	LED Apollo	4x 12w LED battery/wireless	44	12
Showtech	Hex Par 12	10x 12w 6-in-1 RGBAW+UV LEDs Inc Barndoors	100	14
Prolights	Versapar Zoom		120	6
ETC	Coloursource Par		100	4

Followspots:

Make	Model	Angle	Detail / Accessories	Watt	#
Lycian	SuperArc		7 colour magazine	400	2

Cabling:

240v Extension Cable: Llewellyn Hall has a good stock of extension leads to accommodate the venue's standard lighting rig.

DMX: Llewellyn Hall has a small stock of 3 & 5 pin DMX, sufficient for our standard rig.

Powercon/Truecon: Llewellyn Hall has a small stock of powercon & truecon.

Any additional equipment will require additional cable stock to be sourced.

AUDIO

Control Positions:

Bio Box

The Bio Box is on Level 6 at the rear centre, behind gallery seating.
There are inward swinging glass windows between the Bio Box & the house.
Note: Access to control room from stage is via foyers and a lift, or four flights of stairs.

Hearing Assistance

Hearing assistance is provided by an FM personal induction loop system.
Transmitter is a MiPro MTS-100T unit which broadcasts at 926 - 928 MHz.
Audio is mixed from both the flown recording mic system and a separate full range output from the PA processors. This mix is fed as a mono feed to the transmitter above. 12 receivers are available for public use and are issued by FOH staff.

Auditorium

The FOH operator position is located centrally at the rear of the stalls.
Seat allocation: seats **22-26** of rows **V, W, X** are required.
Total seat allocation: Minimum of **6, 15 recommended**

Control & Amplification: -

FOH PA

FOH Left and Right L'Acoustics flown Kara (9 boxes per side) with 3x SB18's flown per side in Cardioid configuration.
Centre cluster L'Acoustics ARCS WIFO (3x Wide, 1x Focus) in vertical array.
6x L'Acoustics X8 as front fill and 2x X12 as stalls fill
2x SB28's per side available for deployment where required.
Enclosures are driven by LA4X Amplified controllers (SB28's use LA12X).

Foldback

(10) L'Acoustics X15HiQ Reference stage monitors
(2) L'Acoustics SB18 High Power Compact subwoofers
Sufficient LA4X Amplified controllers for one send per enclosure.

Mixing Consoles

Yamaha CL5, QL5 and QL1 Digital Mixing Consoles

Signal Routing

Redundant (air gapped) Dante network with two switches for the Primary network and two switches for the Secondary network
3x Rio3224-D I/O racks

Microphones:

Make	Model	Detail / Accessories	Use	#
Shure Radio Systems	ULXD4Q	2 Quad racks totalling 8x Receiver channels (installed units)	Receives microphone signal and outputs to DANTE	
Shure/DPA	ULXD1/4066	DPA 4066 Headsets 5 beige 2 Brown 2 Black	Beltpack transmitters w/ headset mic	6/9
Shure	ULXD2/B58	B58 Capsule	Handheld transmitters	8
Selection of Shure and Sennheiser Instrument/Vocal mics				

Accessories:

Item	Model	Detail / Accessories	#
Microphone Stand	K&M 210	Tall boom – Black	20
Microphone Stand	K&M 259	Black Short boom – Black	10
Speaker Stands	K&M 26735	Friction/Pin system with Round Base - Black	4

Cabling:**Audio Cable**

The theatre has a good stock of Ethernet, XLR & NL4 to accommodate the venue's equipment. Various patch leads are available upon request.

Line Patching:

Location	#	Numbering	Detail
Mid-Stage Left (MSL)	8	9 -12 and 81 -84	8 sends
Mid-Stage Left (MSL) fold back	2	E,F	2 returns
Mid-Stage Right (MSR)	8	1-4 and 73-76	8 sends
Mid-Stage Right (MSR) Fold-back	2	A,B	2 returns
Prompt side fold back	2	AA BB	4 returns
Downstage Right (DSR)	12	13 – 24	12 sends
Downstage Right (DSR) fold back	2	G,H	2 returns
Downstage Right Centre (DSRC)	12	25 – 36	12 sends
Downstage Right Centre (DSRC) fold back	2	I,J	2 returns
Downstage Left Centre (DSLCL)	12	37 – 48	12 sends
Downstage Left Centre (DSLCL) fold back	2	K,L	2 returns
Downstage Left (DSL)	12	49 – 60	12 sends
Downstage Left (DSL) fold back	2	M,N	2 returns
Orchestra Pit tie lines	12	61 -72	12 Sends
Stalls Fold Back sends (side aisles)	12	O - Z	12 Return Lines

Speaker Patching:

FOH speakers are in a LEFT, RIGHT and CENTRE cluster configuration.
 The Speaker system is fixed and cannot be moved.
 This is patched via the Organ Loft storeroom OP side of stage.
 The amplifier rack (which functions as a system processor) is in the Organ Loft.

PA patching is as follows, (can be configured in LR, LRSF or LRSCF)

1. ANALOG Left
2. ANALOG Right
3. ANALOG Sub
4. ANALOG Centre
5. ANALOG Fill
6. AES LR
7. Optional Floor subs

Foldback amps are configured for analogue sends.

PROJECTION

Llewellyn Hall has a 16:9 projection system with up to two 20' x 11'3" Stumpfl front project screen. The system utilises 12G-SDI cabling to transport the vision signal. The screen is assembled and rigged as required and can be flown on any lighting. Please note that use of vision equipment is charged additionally to your hire if required.

Projectors - Installed

2x NEC PA804UL 8200 ANSI Lumen projectors with NP-43ZL lenses.

Projector - Portable

1x NEC PX803UL 8000 ANSI Lumen Laser projector with a variety of lenses.

Projector Control

IP based through a computer or venue iPad.

Screen

2x Stumpfl Monoblox64 20' x 11'3" 16:9 aspect front project screen with suspension clamps for rigging on lighting bars.

Signal processing

1x laptop

1x Roland V-02HD two channel vision mixer with blackout and holding slide

More complex systems available upon request

SDI/Standards Conversion

Assorted Blackmagic SDI mini converters

1x Decimator MD-HX format converters

1x Decimator 12G Cross converters

1x Terranex AV

Patch Positions

For further detail about BNC patch points in the venue, please contact the Technical Services Officer.

Operating positions

Vision operators are typically positioned at: FOH, OP corner (artist entrance) or the Biobox, each position has access to at least six (6) 12G SDI lines.

BACKSTAGE**Communications:****Stage Managers Desk**

The Stage Managers desk is located on the OP(stage right) side of stage.
The desk can be moved within this area and is fitted with a light, clock, House and Work Lights control panel.

Talkback

Master Unit	ClearCom (MS-704) system - up to 4 loops
Total sub stations	10 Belt packs
Total headsets	10
Talkback patching located at:	Organ Loft (Master Unit)
	Can be routed via house XLR patching
	Can be routed to Followspots

Paging / Show relay

Separate announcement microphones to house, backstage and foyer are available at the stage managers desk.
House recall is operated from stage managers desk.

Stage Monitor

Stage-view LCD screen at SM position

Cue Light System

The is no in-house Cue Light System

Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Dressing Room 1 (11.9m ²)	3	1 Via Corridor	1 Via Corridor	Hanging Rack, Sink, Makeup Mirror, Power
Dressing Room 2 (10.5m ²)	3	1 Via Corridor	1 Via Corridor	Hanging Rack, Sink, Makeup Mirror, Power
Dressing Room 3 (10.8m ²)	3	Adjacent male & female	Adjacen t male & female	Hanging Rack, Mirror, Power

Laundry / Wardrobe:

Washing Machines	N/A
Dryers	N/A
Drying rooms	N/A
Iron / ironing board	1
Clothes racks	5
Steamer	2
Free-standing mirror	4

Production Facilities:

Production Desk: A production desk can be set up in (2) positions within the stalls.

WiFi: Guest access available upon request.

Production Office: Production office space is available upon request.

Phone: Access to a landline phone in Venue office. Outgoing international calls are not available.

Access to Ethernet for internet access: Access to hard-line internet uplinks can be made available on arrangement with the Venue Manager.

Greenroom:

Tea / Coffee facilities	YES
Fridge / freezer	YES
Microwave	YES
Running water	YES

Stage Door:

There is no stage door. Access for artists and staff is through the main FOH entrance or via rear loading dock.

Catering:

Hospitality Riders should be sent to the Events and Venues Production Coordinator at least 2 weeks before an event.

REHEARSAL SPACES**Rehearsal Room 1:**

10.6m x 10.6m, timber flooring, general fluorescent light.

Bookings required for use.

Larry Sitsky Recital Room:

22m x 9.5m, timber flooring (7m x 9.5m).

Bookings required for use.

Lighting Specifications:

General fluorescent light, in four banks, individually switched - dimmable
4 x 1K Theatre Fresnels face light, 2x Selecon Pacific face light, 4x LED
panels overhead, 4x LED RGB parcans back light

Audio Specifications:

2 x Yamaha MSR400 powered speakers, wall mounted only
1x dbx Driverack PA2 System Controller
1 x Yamaha 166CX Mixer with 12 Mic inputs and 2 stereo line inputs
1 x Sony CD Player
1 x XY pattern condenser microphone pair for recording
1 x HHB CDR-830 CD recorder
1x Marantz PMD580 Solid State Stereo Recorder

ADDITIONAL FACILITIES & INFORMATION

Instruments and other equipment:

- (2) Steinway Model D pianos. Tuning to be arranged prior to use.
- (1) Allen Renaissance Quantum Series Q-345C Organ
- (100) Wenger Classic 50® music stands
- (1) Wenger Preface™ conductor's music stand
- (45) "Tempo" adjustable orchestral chairs (black cloth)
- (280) Sebel "Optima" non-adjustable chairs (blue vinyl, blue cloth, black cloth, red cloth)
- (assorted) Piano stools
- (assorted) Adjustable stools
- (assorted) Cello boards
- (assorted) Cello donuts
- (assorted) Instrument stands
- (assorted) Polecats, cross arms and black draping

Acoustics

Reverberation Time in seconds

Seat Number	Octave Band (Hz)						
	125	250	500	1000	2000	4000	8000
G10	2.660	2.277	1.861	1.893	1.861	1.650	1.158
G21	2.438	2.070	1.727	1.854	1.825	1.666	1.146
K10	2.786	2.182	1.845	1.898	1.897	1.676	1.196
L22	2.435	2.194	1.837	1.910	1.948	1.691	1.224
N20	2.323	2.163	1.803	2.028	1.900	1.655	1.244
Q10	2.964	2.370	1.875	1.977	1.882	1.676	1.236
Average	2.601	2.209	1.825	1.927	1.885	1.669	1.201
Std	0.224	0.094	0.049	0.058	0.038	0.014	0.038

Average
500Hz,1000Hz

	T30,mid
	1.877
	1.790
	1.871
	1.873
	1.916
	1.926
Average	1.876
Std	0.044

VENUE CONTACTS:

Venue Postal & Street Address:
Building 100, William Herbert Place, Acton, ACT 2601

Venue Manager

Email Address

Clara-Rike Niemeyer

clara-rike.niemeyer@anu.edu.au

Production Coordinator

Email Address

Murray Johnson

murray.johnson@anu.edu.au

Marketing Coordinator

Email Address

Paulius Gutasukas

paulius.gutasukas@anu.edu.au

Canberra Event Manager

Email Address

TICKETEK PTY LIMITED

actclientservices@ticketek.com.au

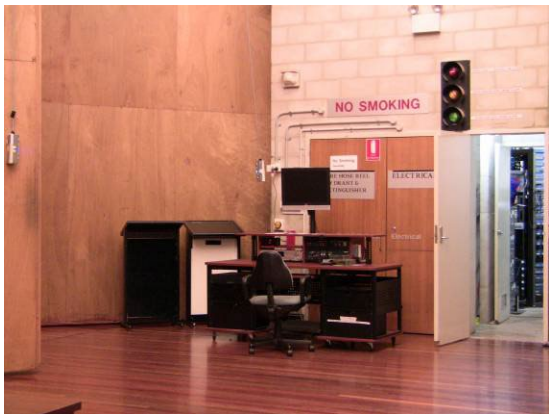
ADDITIONAL PICTURES:



Front of venue access



Auditorium



Stage Managers desk and Organ loft
(patch bay) OP side



Looking towards OP side showing
permanent side-panels and
moveable back-wall (with the
access-door to stage in the
background)

