

# CANBERRA THEATRE CENTRE

Canberra Theatre

## **Technical Specifications**

### **Schedule 13**

Updated  
20/08/2019

**The information in the following document was true and correct at the time of printing**

**The Canberra Theatre Centre reserves the right to adjust its inventory and specifications  
without notice**

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## STAFF CONTACTS

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### Stage Door

Phone Number 02 6243 5746 (Manned as required)

### Venue Address

**Canberra Theatre  
Civic Square London Circuit  
Canberra ACT 2601**

### Venue Postal Address

**Canberra Theatre Centre  
PO Box 226  
Canberra ACT 2601**

## STAGE

### Brief Stage Description

Unraked stage with a proscenium arch and flying facilities. Hardwood floor covered with Masonite sheets. Screwing into surface permitted but larger holes to be authorised by Head Mechanist. Stage crossover behind US fly line.

Stage distributed load limit	<b>500kg/m2</b>
Stage point load limit	<b>Not Known</b>
Stage rake	<b>No</b>

### Stage Dimensions

#### Proscenium

Width	<b>16.9m</b>
Height	<b>5.8m</b>

#### Setting Line

**In line with House Curtain**

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

SL to US edge of fire curtain	<b>0.3m</b>
SL to DS edge of apron	<b>2.1m</b>
SL to DS edge of Orchestra Lift/Pit	<b>6.1m</b>
SL to first fly line	<b>220mm</b>
SL to last upstage fly line	<b>10.2m</b>
SL to rear wall	<b>18m</b>
CL to OP wall (or obstruction)	<b>9.8m</b>
CL to PS wall (or obstruction)	<b>18m</b>
Stage to underside of grid	<b>15.7m</b>

#### Overhead obstructions

**Fixed platforms at 7.2m above stage level between 400mm and 1m US of setting line, protruding onto stage at 6.95m from the centre line. Platforms are fixed on both sides of stage. Total distance between the platforms measures 13.9m**

## Auditorium

**Raked single level with central crossover.**

Seating capacity with additional  
Orchestra lift/pit seating installed **1239**

Seating capacity without  
Orchestra lift/pit seating installed **1184**

## Orchestra Lift / Pit

### Orchestra Lift

A motorised orchestra lift is operational

Set positions for orchestra lift where lift at auditorium level is 0mm

Stage level at **+1000mm** above auditorium.

Orchestra pit level at **-1400mm** below auditorium.

Lift can be set at any height? **Yes - pending CTC approval**

SWL of orchestra lift **3.5 Tonne**

Dimensions of the orchestra pit **4.2m x 15m**

Orchestra pit maximum capacity **45 – 50**

Pit net available **Yes**

**Standard pit position is at auditorium level with seating installed**

## Flying Facilities

### Fly System

**Single purchase handline system.**

### Fly System Details

Operating Position	<b>OP at stage level.</b>
Total number of Lines	<b>62</b>
Panorama Lines	<b>2 bars OP, 2 bars PS, electrically winched.</b>
Batten Drift	<b>14m</b>
Batten Type	<b>75x50mm batten.</b>
Batten Length	<b>16m</b>
Batten Extensions	<b>N/A</b>
Batten Pick-ups	<b>4 Pick ups</b>
Batten Point Load	<b>Not Known</b>
Batten W.L.L.	<b>500 kg</b>
Cradle Capacity	<b>340 kg</b>
LX bars can be swung	<b>Yes</b>
Fly bars can be swung	<b>No</b>

*SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFO*

## Hanging Plot

SL: Setting Line as indicated previously

Line Type: **SP** = Single purchase, **DP** = Double purchase, **MW** = Motor Winch, **HW** = Hand Winch, **HL** = Handline

S.W.L. = Maximum capacity above bar weight

Line #	Distance from SL	Line Type	S.W.L	Venue Allocation	Intended Use <i>(hiring company use)</i>
HC	0	MW		House Curtain	
1	220	SP	340kg	Pro Border	
2	370	SP	"	Pro Legs	
3	530	SP	"		Short batten to accommodate platforms. 13m length
4	700	SP	"	LX 1	Short pipe to accommodate platforms. 13m length
5					Not available for use
6					Not available for use
7	1150	SP	"		
8	1300	SP	"		
9	1440	SP	"		
10	1600	SP	"		
11	1750	SP	"		
12	1900	SP	"		
13	2050	SP	"		
14	2200	SP	"		
15	2360	SP	"		
16	2500	SP	"	Border	
17	2650	SP	"	Legs	
18	2800	SP	"		
19	2950	SP	"	LX 2	
20	3120	SP	"		
21	3270	SP	"		
22	3420	SP	"		
23	3570	SP	"		
24	3730	SP	"		
25	3880	SP	"		
26	4050	SP	"	Mid Tabs	
27	4200	SP	"		
28	4350	SP	"	Border	
29	4500	SP	"	Legs	
30	4650	SP	"		
31	4800	SP	"	LX 3	
32	4950	SP	"		
33	5100	SP	"		
34	5250	SP	"		
35	5450	SP	"		
36	5600	SP	"		
37	5750	SP	"		
38	5900	SP	"	LX 3a rectangular batten	
39	6050	SP	"		
40	6200	SP	"	Border	



41	6350	SP	"	Legs	
42	6500	SP	"		
43	6650	SP	"	LX 4	
44	6800	SP	"		
45	6950	SP	"		
46	7100	SP	"		
47	7250	SP	"		
48	7420	SP	"		
49	7560	SP	"		
50	7720	SP	"	LX 4a rectangular batten	
51	7880	SP	"		
52	8020	SP	"	Border	
53	8180	SP	"	Legs	
54	8350	SP	"		
55	8550	SP	"	LX 5 Flood Bar	
56	8800	SP	"		
57	8950	SP	"		
58	9100	SP	"		
59	9250	SP	"		
60	9400	SP	"	LX 5a rectangular batten	
61	9600	SP	"		
62	9800	SP	"	Smother	
63	10000	SP	"		
64	10200	SP	"	Cyclorama	

## Draperies

*Type	Material	Colour	Width	Height	Quantity
House Curtain	Velour	Blue/Grey	18m	6.9m	1
Borders	Flat Wool	Black	16m	3m	5
Legs	Flat Wool	Black	4m	7.3m	5
Tabs	Flat Wool	Black	16m	7m	2
Smother	Flat Wool	Black	16m	7m	1
Cyclorama	Plastic	Cream white	16.5m	8.2m	1
Scrim	Sharks tooth	Black	16m	6.7m	1
Scrim	Sharks tooth	White	16m	6.7m	1
Panorama Tabs	Flat Wool	Black	10m	10m	2

## Access Equipment

### Elevated Work Platform

Genie GS-1932, operator driven.

Maximum reach is 5.8m

Upright UL-40, push around vertical lift.

Maximum reach is 12m

### EWP Restrictions

Outriggers must be used on the Uprights UL-40, and one staff member must be located at the base whilst in use.

## Ladders

- 1 x 0.9m aluminium stepladders
- 1 x 1.8m aluminium stepladders
- 1 x 1.8m fibreglass stepladder
- 1 x 3m aluminium stepladder
- 1 x 4.51m x 7.87m aluminium extension ladder.

## Staging Units

30 timber rostra with metal scissor action adjustable legs. 1000 x 2000 with height adjustable in 200mm increments. (i.e., 200mm, 400mm, 600mm, 800mm, 1000mm)

## Lifting Equipment

4 x 1tonne chain motors and control shared between both venues. There is an additional charge for these items, please contact Head Mechanist for pricing and availability.

## Stage Covers

<b>Style</b>	Tarkett: Harlequin 'Cascade'
<b>Dimensions</b>	6 rolls of 2m x 15m
<b>Colour</b>	Black

## Stage Traps

N/A

## Safety Curtain

Safety Curtain installed	<b>Yes</b>
Safety Curtain must be unobstructed at all times	<b>Yes</b>
Thickness of Fire Curtain	<b>200mm</b>
Distance from setting line	<b>300mm DS</b>

*Note: Measurement is to the downstage edge of the Fire Curtain.*

### Additional Requirements

Curtain must remain in the down position whilst venue not in use.

## Loading Dock

### Access

**Truck access via back laneway. Entry to this laneway is via the Northern car park at the rear of the Canberra Playhouse (Theatre Lane).**

Loading Dock Height	<b>Street level</b>
Door Dimensions	<b>4.5m High</b>
	<b>4.0m Wide</b>

### Restrictions / Obstructions

**Unloading/loading ramp required. Ramp required if equipment cannot be unloaded with a forklift.**

## **Additional Rigging Notes**

Rigging points O.P. and P.S. of orchestra LX bar 500kgs W.L.L.

For further information regarding the weight loading for rigging points over the stage and auditorium, please do not hesitate to contact the Head Mechanist.

The Head Mechanist is only too pleased to answer any questions with regards to rigging.

## **Staging Notes**

All flown items must be rigged with rated equipment and is subject to approval by a venue representative.

There is limited rigging gear available in house. Including lifting straps, FSWR lines, shackles and some pulleys.

Forklift and licensed operator available onsite.

# LIGHTING

## Positions

Stage LX Bars	All Stage LX bars except for LX 1 can be swung
	<b>LX1 Usable bar width                      12m</b>
	<b>All other LX bars usable bar width        13m</b>

See hanging plot for standard LX bar locations

### FOH Orchestra Bar

Setting Line to lighting bar	<b>3.8m @ centre, curved to 2.5m at each end</b>
Usable bar width	<b>16m</b>

### FOH Concert Bar

Setting Line to lighting bar	<b>10.5m</b>
Height above Stage	<b>8.5m</b>
Usable bar width	<b>5.4m</b>

### FOH Bridge #1

Setting Line to lighting bar	<b>15.0m</b>
Height above Stage	<b>9m</b>
Usable bar width	<b>18.6m</b>

### FOH Box Booms (PS & OP)

Setting Line to FOH Box	<b>6.5m</b>	<i>(Distances are to the highest downstage point of boom or perch.)</i>
Maximum lanterns per box	<b>8</b>	

See Venue Plans for further information

## Control

Available Positions	<b>Control Room, Auditorium, Stage</b>
Lighting console	<b>ETC Gio 8k</b>
Output Parameters	<b>8192 (full spec at <a href="http://www.etcconnect.com">www.etcconnect.com</a> )</b>
LD Monitor	<b>Multi screen LD interface</b>
Signal output	<b>DMX 512 (as standard), ArtNet, ETCNet3</b>
Signal distribution	<b>Ethernet Spine, PathPort DMX nodes</b>
Wireless Remote riggers available	<b>Yes</b>

### Other consoles available on request:

- 1 x Martin M1 HD
- 1 x ETC Ion

## Dimmer Systems

<b>Total Dimmers</b>	<b>373</b>
2.5Kw Dimmer Racks	<b>State Automation SPC/APC/VST</b>
Total dimmers @ 2.5kw per dimmer	<b>333</b>
5Kw Dimmer Racks	<b>State Automation APC</b>
Total dimmers @ 5kw per dimmer	<b>40</b>

### Dimmer Locations

Dimmer outlets are distributed throughout the venue. Patch distribution plan available on request.

Several DMX controlled relay modules are available. These may be installed in any location within the dimmer system.

## House Lights

Independent control	<b>Yes. With adjustable fade time.</b>
Control positions	<b>Control Room, Prompt Corner, Auditorium Mix Position.</b>

## Stage Luminaires

### Profiles

Make	Model	Angle	Detail / Accessories	Watt	Numbers	Totals
ETC	Source 4	10	Rigged FOH bridge 4	750	6	6
ETC	Source 4	19	Rigged FOH Bridge 3 to give a 4 colour wash	750	24	40
ETC	Source 4	19	Rigged FOH Bridge 1 as specials with irises	750	6	
ETC	Source 4	19	Store	750	10	
ETC	Source 4	15/30	Rigged FOH Box Booms to give a 4 colour wash	750	16	35
ETC	Source 4	15/30	Store	750	19	
ETC	Source 4	26,36,50	Shared between venues. Contact HLX for availability.	750	40 Ea	40 Ea
Selecon	SPX Zoom	15/35	Rigged FOH Bridge 3 specials	800	6	40
Selecon	SPX Zoom	15/35	Rigged FOH Bridge 2 specials	800	8	
Selecon	SPX Zoom	15/35	Rigged 4 on each Stage LX bar specials	800	16	
Selecon	SPX Zoom	15/35	Store	800	10	
ETC	Source 4 Jr Zoom	25/50	6 on each stage perch and flown side ladders	575	60	80
ETC	Source 4 Jr Zoom	25/50	4 on each LX bar incl. Orchestra Bar (Break up gobo wash)	575	20	

### Fresnels

Make	Model	Detail / Accessories	Watt	Numbers	Totals
Selecon	Rama	Rigged Orchestra bar to give a 5 colour wash incl. o/w	1000	20	60
Selecon	Rama	Rigged 5 on each LX bar for an o/w wash	1000	20	
Selecon	Rama	Store	1000	20	
Selecon	Arena	Rigged 8 on each LX bar to give a 4 colour wash (High side cross)	2000	32	40
Selecon	Arena	Store	2000	8	
		Barn doors available for all the above.			

### PCs

Make	Model	Detail / Accessories	Watt	Numbers	Totals
Selecon	Rama	Store	1000	20	20
		Barn doors available for all the above.			

### Par Cans

Make	Model	Angle	Detail / Accessories	Watt	Total
Generic	PAR 64	MFL	240V	1000	24

### CYC Wash

Make	Model	Detail / Accessories	Watt	Numbers	Total
Altman	Spectra CYC200	LED RGBA 10 channel Flood Bar (line 55)	480	7	20
Altman	Spectra CYC200	LED RGBA 10 channel Ground Row	480	7	
Altman	Spectra CYC200	Store	480	6	
Ianaro	Pallas 4 cell	Store	750	16	16
Selecon	Cyc 4 cell	Store	800	10	10

## Followspots

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Performer	5/9	6 colour magazine	1200	2
Robert Juliat	Aramis	4.5/8	6 colour magazine + CTO + Frost Mechanical dimmer	2500	2

## Additional Lighting

Item	Make	Model	Detail / Accessories	Watt	Total
Intelligent luminaires	Robe	<a href="#">Robin 800 wash</a>	Shared between venues	LED 700	16
	Robe	<a href="#">DL4X spot</a>	Shared between venues	LED 700	8
2 way LED Molefay	ShowPro	<a href="#">Blinder II</a>	Shared between venues	LED 156	4
4 way LED Molefay	ShowPro	<a href="#">X-Blinder</a>	Shared between venues	LED 300	4
RGBW LED Par	Martin	<a href="#">Rush Par 2</a>	Shared between venues	LED 152	22

## Patching

Location	Quantity	Numbering	Detail / Accessories
Rear FOH			CCT bar 8 circuits to Concert Bar Patch
PS FOH Bridge 1			CCT bar 12 circuits to Concert Bar Patch
CS FOH Bridge 1			CCT bar 12 circuits to Concert Bar Patch
OP FOH Bridge 1			CCT bar 12 circuits to Concert Bar Patch
CS Concert bar	43	1 – 43	CCT bar 16 circuits to Concert Bar Patch
CS FOH Orchestra bar	18	44 – 61	CCT bar 40 circuits to Orchestra Bar Patch
PS FOH Box boom	8	62 – 69	
OP FOH Box boom	8	70 - 77	
PS Pit Wall	1	78 - 84	
OP Pit Wall	1	85	
PS Fly Floor		86 - 229	Flown Spot bars numbered from D/S 222 – 229 20Amp sockets 1 x 20Amp hot power US
PS Lighting Bridge	20	230- 249	230 – 237 paired with Perch bar on tormentor
PS DS above floor	4	250 - 253	Situated low to the stage floor (not a well)
OP Lighting bridge	20	254 - 273	254 – 261 paired with Perch bar on tormentor
OP DS above floor	4	274 - 277	Situated low to the stage floor (not a well)
OP fly floor US	10	278 - 287	
US OP wall	6	288 - 293	
PS Stage Floor Wells	30	294 - 323	5 wells – 6 per well
OP Stage Floor Wells	30	324 - 353	5 wells – 6 per well
US PS Stage Well	4	354 - 357	20 Amp sockets -1 x 20Amp hot power
US OP Stage Well	4	358 - 361	20 Amp sockets - 1 x 20Amp hot power
US PS Fly floor	8	362 - 369	4 x 10 Amp sockets per dimmer 6m above stage level
Rear wall	4	369 - 373	20 Amp sockets

## Power

### 3 Phase Outlets

- 3 x 40 amp 3phase outlets DS PS (8m from acting area)
- 3 x 40 amp 3phase outlets US OP (5m from acting area)
- 2 x 40 amp 3phase outlets US OP Basement (10m from Orchestra Pit)
- 2 x 40 amp 3phase outlets PS fly floor (6m above stage level)

### Power Lock

- 100 amp 3 phase supply available on PS Fitted with Power Lock sockets (other wiring formats require licensed electrician to wire in)
- 250 amp 3 phase supply available on OP Fitted with Power Lock sockets (other wiring formats require licensed electrician to wire in)

## Cabling

### 240v Extension Cable

- 100 x 10m
- 50 x 7m
- 50 x 5m

### Looms

- 10 x 4-way at 15m

### 3 phase Extensions

- 4 x 20m Shared between venues.

## Atmospherics

- |                                    |   |
|------------------------------------|---|
| 1 x MDG ATMe haze machine          | <b>DMX and stand-alone function available</b> |
| 1 x Rosco 1600 fog machine *       | <b>DMX and stand-alone function available</b> |
| 2 x Martin Jem Compact Hazer Pro * | <b>DMX and stand-alone function available</b> |

*Please note there is an additional hire charge associated with these products. Please contact the Head of Lighting for more information*

*\*These products are shared between venues. Please check with Head of Lighting for availability*

## Lighting Notes

- FOH standard rig gives an excellent front 4-colour wash
- 10 x 2m five rung wheeled floor ladders available (1 lantern per rung)
- The ladders are extendable to 4m with attachable pipe.
- On stage spot bars have 24 circuits each and are generally 13m in length



# AUDIO

## Control Points

Control Room	<b>Yes</b>	
Location Detail	<b>Bio box</b>	<b>2.5m x 2m</b>
Tie Lines to stage	<b>Yes</b>	<b>x 20</b>
Auditorium	<b>Yes</b>	
Location Detail	Centre mid rear	

## Default hold

Seats X, Y 16-27, W 20-27 and ZA 16-26.

Row W is held for to accommodate console overhang.

Row ZA is held if sightlines are impaired over the console

**6m x 1.7m** (X&Y 16-27). **Total 43 seats**

## Typical hold

Seats X, Y 20-27 and ZA 21-24.

Row ZA is held if sightlines are impaired over the console.

**4m x 1.7m** (X&Y 20-27). **Total 16-20 seats**

## Sound hold Connections to prompt corner.

- **36** x analogue male XLR inputs from prompt corner.
- **16** x analogue female XLR feeds to prompt corner.
- **4** channels of coms connections to SM console.
- **6** lines of cat 6A to prompt corner.
- **4** lines of rg56 suitable for SDI, MADi and AVID connections to prompt corner.

## Cross stage Audio patch Prompt to OP corner.

- **20** x XLR line 16 male and 4 female at prompt end.
- **2** x cat 6A lines.
- **2** x SDI/MADI lines.

## Up stage Audio patch Prompt to back stage centre.

- **4** x cat 6A lines.
- **2** x SDI/MADI lines.
- **2** x analogue XLR lines.

## Stage system

### Cable

- 1 x ARX 32 channel 4 way XLR split with fanout for FOH and monitor consoles.
- 2 x 30 meter Canare microphone cable.
- 15 x 10 meter Canare microphone cable.
- 25 x 7.5 meter Canare microphone cable.
- 15 x 5 meter Canare microphone cable.
- 2 x 10 meter 6way drum looms.
- 10 x 10 meter 240V cable.
- 10 x 240v power boards.
- 10 x power signal cables for Meyer UM1p wedges.

### Multicore hard wired stage drops

- 1 x 20m (8 XLR Male Tail to 8 XLR Female Stage Box)
- 1 x 20m (12 XLR Male Tail to 12 XLR Female Stage Box)
- 1 x 30m (8 XLR Male Tail to 8 XLR Female Stage Box)
- 1 x 30m (12 XLR Male Tail to 12 XLR Female Stage Box)
- 1 x 15m (4 XLR Female Tail + Single Phase 240V to 4 XLR Male Stage Box + 4 Linked Single Phase 240V Outlets)
- 1 x 30m (4 XLR Female Tail + Single Phase 240V to 4 XLR Male Stage Box + 4 Linked Single Phase 240V Outlets)

## Digital Audio Consoles

**DiGiCo consoles.** See <http://www.digico.biz/>

DiGiCo SD8 (Stealth Core 2, software version 9.0.929) + **Madirack** (48 Inputs + 16 Outputs)

DiGiCo SD9 (Stealth Core 2, software version 10.2.1069) + **D-Rack** (32 Inputs + 8 Outputs)

DiGiCo SD11 (Stealth Core 2, software version 10.2.1069) + **D-Rack** (32 Inputs + 8 Outputs)

**Yamaha consoles.**

See <http://www.yamahaproaudio.com/global/en/products/mixers/>

Yamaha M7CL-32

Yamaha DM1000

**Note: Mixing consoles are shared across venues, please check on availability.**

## Playback

Item	Make	Model	Detail	Total
CD player	Denon	DN-C680	Single CD player	2
MD player	Denon	DN-M1050R	Single Minidisc player/recorder	2
File player	Denon	<a href="#">DN-F650R</a>	USB/SD wav/mp3 recorder/player	1
USB DI	ARX		Computer USB audio streaming	2
Macbook pro Qlab2/3	Apple			1

## Accessories

Item	Model	Detail / Accessories	Total
Microphone stands	Round base	Straight	8
Microphone stands	Tri base	Boom arm tall	24
Microphone stands	Tri base	Boom arm short	16

## Speaker Patching

Location	Quantity	Numbering	Detail
Redundant speaker patching available on XLR	12	NA	PC to various stage points

## Theatre Microphones Kit

Make	Model	Detail / Accessories	Use	Total
Shure	BetaSM87A	Clips	Vocals	4
Shure	BetaSM58A	Clips	Vocals	8
Shure	BetaSM57A	Clips	Instruments	1
Shure	SM58	Switched	Shout/Announce	1
Shure	SM57	Clips	Instruments	4
Shure	B91	all	Percussion	1
Shure	B98	all	Percussion	3
AKG	CK93	Clips	Instruments	8
AKG	CK98	Clips	Distance mic'ing	4
AKG	SE300B	Clips	Preamp for 93/98	8
AKG	451	Clips	Instruments	8
AKG	C414	Clips	Various	4
Neumann	KM184	Clips	Instrument	8
Earthworks	TC 40K	Clips	Various	2
CAD	ST 100B	Cables	Boundary	4
Beyer	M88	Clip	Instrument	2
Sennheiser	E604	Claw	Percussion	4
Sennheiser	E905	Claw	Percussion	2
Sennheiser	E906	Clips	Instrument	2
Sennheiser	MD421	Clips	Instrument	4
Audix	D6	Clips	Kick drum	2
Crown	PCC160 PZM	-	Boundary	4
LA Audio	DI 2	Direct Injection Box	Various	8

## Radio microphones (Hire charges apply)

Make	Model	Detail / Accessories	Use	Total
Shure	UR4D	Clips, handheld, beltack	Vocals and instruments	8

## Audio Only Power

AUDIO ONLY distributed 240V with RCD Earth Leakage protection

FOH Position	x2	20 amp circuits.
	x1	16 amp Ceeform
DS: OP	x3	20 amp circuits.
DS: PS	x3	20 amp circuits.
Audio Booth	x3	20 amp circuits.
DS: PS	x1	30 amp 3 phase.
AMP Room	x1	63 amp 3 phase.
DS Prompt	x 3	additional 32amp 3 phase.

## House Speaker System

### FOH Speakers

**D&B V series line array** in Left, Right, Centre Sub and fill configuration.

#### Array per side.

1 x V-sub at the top

6 x V8's

2 x V12's

#### Centre Array.

4 x Y12's

1 x B2 sub under each array.

1 x Y7p each side for infill.

4 x E8's along stage Lip Fill.( setup on the lip of stage if required)

4 x additional V-subs for FOH or Monitoring applications.

#### Inbuilt Lip Fill.

8 x JBL LSR6325P Bi amplified reference monitors built into the lip of the stage

## Control & Amplification

### Control

**3 x Lake LM44**, integrated signal processors with all parametric E.Q. & Time Alignment set for system (FOH, LCRS Infill and Lip fill speakers).

**Dante signal distribution with a 6 x AES redundancy for Sound hold in the auditorium.**

*NB: (House EQ may be altered with EQ Layer on request.)*

### Amplifiers

**7 x D&B D80 Running Array processing**

### Foldback

**D&B M4 wedges x 16 with 4 x d80 amplifier rack.**

**D&B M4 wedges x 4** permanently mounted on ladders as side fill O/P and P/S

**D&B M4 wedges** permanently mounted on tormentor as side fill O/P and P/S

**Meyer UM-1P x 8**, 350w self powered, 45° x 45° 3' horn. (Shared between venues check availability.)

## Locally available additional Hires.

Avid Profile, Yamaha Pm5d, Midas Pro9, Midas Pro 2, Digico sd10, IEM systems.

## Stage monitoring and disconnect stage patch system.

**16 x D&B M4 wedges**

Racks of 4 D80 amplifiers per rack. Total of 16 passive or 8 active mixes (or a combination of active and passive).

**1 x 56 channel Radial 3 way splitter rack** with headers for FOH, Monitor and recording board.

**6 x 12 way disconnect XLR stage droppers.**

**Rubberco 16amp ceeform stage power systems to suit.**

## Audio Notes

- Microphone inventory is shared between Canberra Theatre and The Playhouse. Please check for availability.
- 3 x Lake LM44 processors are used on FOH and may be configured with up to 6 discrete inputs for L,C,R,sub and lip fill. Floor mounted infills either side are derived from the L & R signal inputs. Settings in place to run the entire system from a L&R signal input if required.
- Please note that microphone inventory, mixing consoles, projectors and screens are shared between venues, please ask for availability.
- As standard, the sound hold (X&Y 20-27) measures 4m x 1.7m deep.
- W+X+Y 20-27 measures 4m x 2.55m
- W+X+Y 16-27 measures 6m x 2.55m

## AUDIO VISUAL

### Projection Room

NA

### Projectors

(Not inclusive of standard rig, hire charges apply)

Type	Model	Detail / Accessories	Total
Epson	<a href="#">EB-L1505UHNL</a>	12k Laser Projector, various lens options + rigging frame	1
Barco	<a href="#">RLM W6</a>	3 x DLP chip, 6k ansi Lens 0.77:1, 1.4-1.77:1 Zoom Rigging frame	1
CTC		1.8m Projector stand on wheels	2

### Screens

(Not inclusive of standard rig, hire charges apply)

#### Projection Screen

Type	Model	Detail / Accessories	Total
Nova	Rear pro	9'x12'	2
Nova	Front pro	9'x12'	1
Nova	Fast-fold	Surface frame	2
Stumpfl	VarioLock 64 Black 16:9	16' x 9' front or rear project screen. Black anodised frame, with legs for free standing option. Inc rigging brackets.	1

*Nova screens can be flown from any convenient fly line.*

### Additional LED Screens (Not inclusive of standard rig, hire charges apply)

Type	Model	Detail / Accessories	Total
Samsung	DE55A	55" LED professional panel	2
Bigcity	Bigcity	2m stands	2

*Cyclorama can be used for front or rear projection. Inclusive of standard rig*

### AV Playback Equipment

Item	Model	Detail / Accessories	Total
DVD player	Sony HX-710	Single DVD player/recorder	1
Apple	Macbook Pro	Various mini display port adapters	1

### Projector Rigging Points

Projector cradles can be rigged from any available horizontal bar or fly line.

1.8m projector stand.

### Cabling

SDI is the preferred delivery format with various lengths and patch points available.

Limited stock of VGA cable and interconnection available.

Composite VDA's and monitors available.

## **Audio Visual Notes**

- SDI/Composite, Cat 6e link available between FOH mixing position and stage.
- Video link between bio box and stage is available.
- Limited amounts of video links are available from prompt corner to various areas in the theatre.
- Wall mounted projector bracket fixed on rear wall. 8m from back wall to Cyclorama.
- 14m from orchestra bar to Cyclorama.
- Front projection is difficult from within the auditorium due to the angle required to clear the proscenium arch. As such it usually requires motors and a truss line to be rigged in the auditorium.

# BACKSTAGE

## Communications

Stage Managers Desk

SM console prompt corner, movable, light and phone

### Talkback – Wired

Master Unit	Clearcom MS440, 4 loops
Total sub stations	12
Total headsets	12 Beyer DT109/108

### Talkback patching located at

- Fly Rail O/P DS and US
- P/s corner (master unit)
- FOH position
- Bio box
- SM console
- P/S midstage
- Production desk (auditorium)
- Follow spot positions

### Talkback – Wireless

Master Unit	<b>Clear-Com FreeSpeak II</b>
Total sub stations	<b>6</b>
Total headsets	<b>6</b>

## Paging / Show relay

Paging to the dressing rooms and Green room is available from the stage managers desk. Show relay is distributed to all dressing rooms and green room. Dressing rooms 1 & 2 have individual volume controls.

## Stage Monitor

Green room, SM desk, dressing room corridors, bio box, tearoom, stage door, foyer, dressing room 1

## Cue Light System

### Leon Audio

16 channel master station (QLM16 Mk4)

10 x outstations (9 x QLS Mk4 and 1 x QLS-SM Mk4)

1 x relay outstation (QLR Mk4)

**Note: Shared between venues. Ask for availability**



## Dressing Rooms

Dressing Room	Capacity	Toilets	Shower	Details
Dressing Room 1	1 +	Yes	Yes	'Star' room 1 with private wc & shwr
Dressing Room 2	2			Shared WC / SHWR Ground Floor
Dressing Room 3	4			Shared WC / SHWR Ground Floor
Dressing Room 4	4			Shared WC / SHWR Ground Floor
Dressing Room 5	5			Shared WC / SHWR Ground Floor
Dressing Room 6	4			Shared WC / SHWR Ground Floor
Dressing Room 7	33	Yes	Yes	Female Chorus First Floor
Dressing Room 8	17	Yes	Yes	Male Chorus First Floor
Dressing Room 9	3			Shared WC / SHWR First Floor
Dressing Room 10	3			Shared WC / SHWR First Floor
Dressing Room 11	3			Shared WC / SHWR First Floor
Dressing Room 12	4			Shared WC / SHWR First Floor

## Laundry / Wardrobe

Washing Machines	<b>1 x Maytag 7.5 kg, 2 x Fisher &amp; Paykel 8.0 kg,</b>
Dryers	<b>1 x SpeedQueen 9.0 kg, 1 x Bosch 9.0kg 2 x Hoover 5.0 kg</b>
Drying rooms	<b>N/A</b>
Iron / ironing board	<b>2 x Singer steam Irons, 1 x Propress Steamer</b>
Clothes racks	<b>Dressing rooms built-in and 3 x mobile racks</b>
Towels	<b>Available on request</b>

## Production Facilities

### Production Desk

Production desk set-up in the centre of stalls. Table accommodates 2 people. Talkback and VDU mimic of lighting desk output available.

### Production Office

Production offices available on first floor level backstage.

### Phone

Two digital and one analogue metered lines available in each office. Not available for DSL

### Fax

One analogue line available as above.

### Internet access

Wifi available, no DSL

## Greenroom

Tea / Coffee facilities	<b>tea / coffee available on request. Boiling water on-tap</b>
Fridge	<b>Yes</b>
Microwave	<b>Yes</b>
Running water	<b>Yes</b>

## Stage Door

### Access

Stage Door is located on the Eastern side of the building, accessed from the laneway (Knowles Place). A Stage Door person will be rostered on for any period that a hirer requires access to the backstage area

# ADDITIONAL FACILITIES & INFORMATION

### Orchestral

Wenger music stands with clip-on lights available.  
Wenger adjustable chairs available.  
Both items are shared with other venues in the Centre.  
Upright piano is available.  
Steinway Grand is available for hire  
Tuning charged at cost.

### Rehearsal Space

Courtyard Studio, 10m x 15m, concrete base with timber and black Masonite floor. Booking required for use.

### Staffing

Technical minimum staffing levels are  
1 x Lighting, 1 x Mechanist, 1 x Audio and 1 x Stage Door person.

## Venue Plans

### Venue Plan Available

YES, hard copy at 1:50 can be mailed, or a PDF or DWG file emailed upon request. Plan is available for download on the Canberra Theatre Centre website

### Venue Section Available

YES, hard copy at 1:50 can be mailed, or a PDF or DWG file emailed upon request. Plan is available for download on the Canberra Theatre Centre website.

## Venue Information

The Canberra Theatre Centre has three venues available for hire:

The Canberra Theatre 1239 seats stalls only

The Canberra Playhouse 614 seats, stalls and two balconies

The Courtyard Studio has 92 seats available in two different configurations.

**The Canberra Theatre Centre reserves the right to change its inventory and specifications from time to time.**