

# ERINDALE THEATRE



## TECHNICAL SPECIFICATIONS

UPDATED: 23/01/2024

### **Business and Operations Manager**

Phone number: 0499 914 179

Email address: [alex@erindaletheatre Canberra.com.au](mailto:alex@erindaletheatre Canberra.com.au)

### **Assistant Manager and Technical Operations**

Phone number: 0434 255 906

Email address: [jack.costigan@erindaletheatre Canberra.com.au](mailto:jack.costigan@erindaletheatre Canberra.com.au)

### **Venue**

Phone number: 02 6142 2948

Website: [www.erindaletheatre Canberra.com.au](http://www.erindaletheatre Canberra.com.au)

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

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

## Contents

STAGE.....	4
Auditorium.....	4
Orchestra Pit.....	5
Flying Facilities.....	5
Hanging Plot.....	6
Access Equipment.....	6
Stage Covers.....	7
Loading Dock.....	7
Staging Notes.....	7
LIGHTING.....	8
Positions.....	8
Control.....	8
Dimmer Systems.....	8
Lighting Notes.....	9
House Lights.....	9
Stage Luminaires.....	9
Follow spots.....	9
Power.....	10
Cabling.....	10
AUDIO.....	10
Control Points.....	10
Patching.....	10
Stage Systems.....	10
Digital Audio Consoles.....	10
Analog Audio Consoles.....	10
Theatre Microphones.....	11
House Speaker System.....	11
Control & Amplification.....	11
Audio Visual.....	11
Projectors.....	11
BACKSTAGE.....	12
Communications.....	12
Dressing Rooms.....	13
Laundry / Wardrobe.....	13
Production Facilities.....	13
Greenroom.....	13
Stage Door.....	13
ADDITIONAL FACILITIES & INFORMATION.....	14

## STAGE

### Brief Stage Description

Unraked stage with a proscenium arch and flying facilities. Hardwood floor cover with Plywood sheets. Screwing into surface is permitted but larger holes are not allowed unless authorized by Technical Manager. Stage crossover behind the US fly line.

Stage distributed load limit	750kg/m <sup>2</sup>
Stage point load limit	450kg
Stage rake	N/a

Apron distribution load limit	500kg/m <sup>2</sup>
Apron point load limit	250kg

### Stage Dimensions

#### Proscenium

Width	Min 10m – Max 18m
Height	Min 4.8 – Max 8m

#### Setting line

400mm US of DS edge (allows for house curtain).

#### Distance from (SL = Setting line, CL = Centre line)

SL to DS edge of apron	<b>0.4m</b>
SL to DS edge of Orchestra Lift/Pit	<b>2.8m</b>
SL to first fly line	<b>0.2m</b>
SL to last upstage fly line	<b>7.5m</b>
SL to rear wall	<b>9m + 2m for rear alcove</b>
CL to OP wall (or obstruction)	<b>10.6m</b>
CL to P wall (or obstruction)	<b>11.1m</b>
Stage to underside of grid	<b>11.1m at SL &amp; 10.4m at rear wall</b>

#### Overhead obstructions

None

### Auditorium

Auditorium consists of stalls with a high rake.

Seating capacity **443 + 2 Wheelchair**

Seating capacity with sound console  
In auditorium **423 + 2 Wheelchair**

## Orchestra Pit

The orchestra pit is covered with fixed floor sections that require four crew to remove.

Dimensions of the orchestra pit	<b>9m x 5m</b>
Orchestra pit maximum capacity	<b>30 Persons</b>

## Flying Facilities

### Flying system

Orchestra winch is a hand winch line located above the apron

Fly system is a single purchase handline system

Bar 22 is a hand winch line

### Flying System Details

Operating Position	<b>OP at stage level &amp; on OP gallery 1</b>
Total number of Lines	<b>22 + Orchestra winch</b>
Panorama Lines	<b>2 Static Bars</b>
Batten Drift	<b>8m</b>
Batten Type	<b>75mm x 50mm RHS</b>
Batten length	<b>16m</b>
Batten Extensions	<b>N/A</b>
Batten Pick-ups	<b>4 Pick-ups</b>
Batten Point Load	<b>80kg</b>
Batten W.W.L.	<b>300kg</b>
Cradle Capacity	<b>320kg</b>
LX bars can be swung	<b>Yes</b>
Fly bars can be swung	<b>Yes</b>

SEE FLY 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** = Hand Line

S.W.L = Maximum capacity above bar weight

Line #	Distance from SL	Line Type	S.W.L.	Venue Allocation	Intended Use (hiring company use)
HW	-1400	WN	500Kg	Orchestra winch	
1	600	SP	320Kg	House curtain	
2	900	SP	320Kg	Legs	
3	1200	SP	320Kg	Projector	
4	1800	SP	320Kg	Lx1	
5	2100	SP	320Kg		
6	2400	SP	320Kg	Legs/Border	
7	2700	SP	320Kg	Lx1a	
8	3000	SP	320Kg		
9	3300	SP	320Kg	Lx2	
10	3600	SP	320Kg	Mirror ball	
11	4200	SP	320Kg	French action	
12	4500	SP	320Kg	Border	
13	5100	SP	320Kg	Lx3	
14	5400	SP	320Kg		
15	5700	SP	320Kg	Legs/Border	
16	6300	SP	320Kg	Lx1b	
17	6600	SP	320Kg		
18	6900	SP	320Kg	Lx4	
19	7200	SP	320Kg		
20	7500	SP	320Kg	French action	
21	7800	SP	320Kg	Cyclorama	
HW	8100	WN	180Kg		

## Drapery

Type	Material	Colour	Width	Height	Quantity
House curtain	100% Wool	Black	16m	5.2m	1
Borders	520 GSM	Black	16m	2m	4
Legs	520 GSM	Black	3m	7m	6
French action	520 GSM	Black	8m	7m	4
Cyclorama	190 GSM	White	16m	5.6m	1
Smother	420GSM	Black	16m	5.2m	1
Scrim	Sharktooth	Black	16m	5.2m	1

## Access Equipment

### Elevated Work Platform

Snorkel UL40, push around vertical lift.

Maximum reach is 12.1m

### EWP Restrictions

Outriggers must be used at all times, one staff member to be located at the base whilst in use. Licence must be Validated.

### Ladders

- 1 x **1.8m** Fibre glass step ladder
- 1 x **2.9m** Aluminium step ladder
- 1 x **3.7m – 6.5m** Aluminium Extension ladder

### Staging Units

- 8 x Timber top/metal frame rostra **1.2m x 2.4m x 0.6m or 0.3m legs**
- 2 x Timber top/metal frame rostra **1.2m x 2.4m x 0.6m or 0.3m legs**
- 4 x Portable stage panels **1.2m x 2.4m x 0.8m to 1.4m legs**

### Stage Covers

- Style** Tarkett
- Dimensions** 6 rolls of **2m x 12.5m**
- Colour** Black or white
- Tap safe** Yes

### Stage Traps

There is one stage trap located DS Prompt side on apron.  
Trap dimensions are **615mm x 730mm**

### Loading Dock

#### Access

**Truck access via carpark off McBryde Crescent. Truck able to reverse up to loading dock.**

- Loading Dock Height **1.2m**
- Door Dimensions Loading Dock **3m High**  
**1.8m Wide**
- Stage Door **3m High**  
**1.8m Wide**
- Workshop Door **3m High**  
**1.6m Wide**

### Staging Notes

The Technical Manager will need to inspect and approve all flown set pieces. Please note that structural work may be needed to be done on set to meet safety standards and Erindale Theatre reserves the right to refuse certain set or rigging done to be flown. All flown set is to be listed with dimensions and sent to the Technical Manager via email a minimum of one week prior to booking.

## LIGHTING

### Positions

Stage Lx Bars All stage bars can be swung see hanging plot standard Lx bar locations

### FOH Bridge

Setting line to lighting bar	<b>14m</b>
Height above stage	<b>9m</b>
Useable bar width	<b>17m</b>

### Prompt Ladder

Setting line to lighting bar	<b>11m</b>
Useable bar height	<b>3.5m</b>

### OFF-Prompt ladder

Setting line to Lighting bar	<b>11m</b>
Useable bar height	<b>3.5m</b>

### In House Control

Available positions	<b>Control room and Auditorium</b>
Lighting console	<b>ETC ION Attached 20 sub master board</b>
Output parameters	<b>1024 local / 4096 Artnet</b>
Remote riggers available on stage	<b>Yes</b>
Signal output	<b>DMX 512 and Artnet Protocol</b>
Signal distribution	<b>Refer to inhouse patching sheet</b>

### Additional Control

Available positions	<b>Control room and auditorium</b>
Lighting console	<b>Grandma 3 on Pc command wing</b>
Output parameters	<b>1024 local / 4096 Artnet</b>
Remote riggers available on stage	<b>Yes</b>
Signal output	<b>DMX 512 and Artnet Protocol</b>
Signal distribution	<b>Refer to in house patching sheet</b>

### Dimmer Systems

<b>Total Dimmers</b>	<b>84ch</b>
1x Fixed in house	<b>60ch</b>
1x Jands wall mount	<b>12ch</b>
1x LSC Epak	<b>12ch</b>

### Dimmer location

Dimmer outlets are located on the Prompt side second floor and in the pitt



## Lighting Notes

Lanterns for standard rig cannot be relocated unless prior approval, Standard rig provides excellent stage and Cyc wash (RGBW)

## House Lights

Independent control Yes with adjustable fade time  
Control Positions Control room, Stage managers desk

## Stage Luminaires

### Front of house

Make	Model	Angle	Detail/Accessories	Watt	Total
Martin	ELP WW	15° - 30°	FOH	280w	12
ETC	Source 4 CE	26°	Gobo	750w	2

### Decal/Gobo

Make	Model	Angle	Detail/Accessories	Watt	Total
Selecon	ZS1200N	8/16°	Decals	1000w	6
Selecon	ZS1200N	8/16°	Gobos	1000w	2

### Stage

Make	Model	Angle	Details/Accessories	Watt	Total
ETC	Source 4 Jnr	Fixed 26°	Down Spot	750w	9
ETC	Source 4 Jnr	Fixed 36°	CS, CBS	750w	4
Martin	Rush Par2	10/60°	LED Stage wash 12ch	151w	12
Selecon	PLCYC	38° ^ 42° >	LED Cyc wash 10ch	140w	9
Strand	ALTO	8/16°	Mirror Ball	2000w	2
Showtech	Fresnel 50	17-50°	US Wash	64w	4
Selecon	Rama	7/55°	Side Lights	1000w	10
Phillips	Apollo Kombi	Flood	Foot Lights	500w	3
Brilliant lighting	74210/06	Flood	Blinders	500w	2

### Additional hire

Make	Model	Angle	Details/Accessories	Watt	Total
Showtech	XA400	8-45°	Moving head	270w	8
Showtech	R3	4-60°	Moving head	310w	12
Showtech	Tracer	10-20°	Followspotq	250w	2

### Follow spots

Make	Model	Angle	Details/Accessories	Watt	Total
Selecon	Performance	5/9°	6 Colour Magazine	2000w	2

### Stored

Make	Model	Angle	Watt	Total
Selecon	Rama	7/55°	1000w	6
Selecon	ZS1200M	16/32°	1000w	3
Selecon	Acclaim	18/34°	575w	10
Pro par	Par 16	35°	50w	27

## Power

### 3 Phase Outlets

- 3x 32amp prompt stage floor
- 1x 32amp Prompt gallery second floor

## Cabling

### 240v Extension cable – Black

- 20 x 20m
- 20 x 10m
- 20 x 5m
- 20 x 3m
- 20 x 2m
- 20 x 1m

### Weiland

- 12 x 6 way at 40m

### 3 phase Extensions

- 2x 32amp extension 3 phase leads – 20m

## AUDIO

### Control Points

Control room	<b>Yes</b>
Location detail	<b>Bio Box</b>
Auditorium	<b>Yes</b>
Location Detail	<b>Rear Off Prompt</b>

### Patching

- 5x analogue male XLR inputs from prompt corner
- 2x analogue male XLR inputs from off-prompt corner
- 6x analogue male XLR inputs along fly tower
- 2x analogue male XLR inputs on rear alcove wall
- 1x analogue male XLR input centre back in stage trap

## Stage Systems

### Cable

- 20 x 10m
- 20 x 5m
- 20 x 3m
- 20 x 1m

### Multicore

- 1x Jands 8ch 10m
- 1x Clarity 16ch 4 returns 20m
- 1x 32i Stage box

## Digital Audio Consoles

### Sound craft consoles

- SI Impact (32 + 32)**
- Si Compact (32 + 32)**

## Analog Audio Consoles

### Midas

- Venice 320 (32 + 8)**

### Playback

Item	Make	Model	Detail	Total
Multi media player	Redback	A2706F	CD / USB / SD / Bluetooth	1
MacBook pro 13"	Apple	Qlab	USB / AUX / HDMI	1

**Accessories**

Item	Model	Detail / Accessories	Total
Microphone stands	Tri base	Boom arm tall	8
Microphone stands	Tri base	Boom arm short	0
Microphone stands	Round base	Straight	0

**Theatre Microphones**

Make	Model	Detail / accessories	Use	Total
Sennheiser	Ew G4	Wireless hand held	Vocal	4
Sennheiser	SK 100 G4	Wireless belt pack	Vocal or instrument	4
Shure	MX412D/C	Base touch to talk	Vocal	2
Shure	Micro flex	Lectern	Vocal	2
Sennheiser	E815S	Wired	Vocal	1

**House Speaker System**

**FOH Speakers**

**JBL BRX Line array** in Left and Right.

**Array per side**

8 x JBL BRX-308LA

**Floor subs per side**

2 x JBL BRX-325SP

**Control & Amplification**

**Control**

1x DBX – VENU360 Integrated signal processor with all parametric EQ set for systems.

**Amplifiers**

6 x JBL 1,000w per channel, 6 channel amplifiers.

**Foldback**

SLX 300 x 4 with 1x crown 4200 XTI amplifier.

**Audio Notes**

Additional audio systems can be requested

**Audio Visual**

**Projectors**

Type	Model	Detail/Accessories	Total
NEC	NP – PA803ULG	8000 lumens laser (Cyc backdrop)	1
Sony	VPL – CX150	3500 lumens	1
NEC	MT – 1075	4200 lumens	1

**Additional LED Screens**

(Not inclusive of standard rig, hire charges apply)

**AV Playback Equipment**

Item	Model	Detail/Accessories	Total
Apple	MacBook Pro	Various mini display port adaptors	1

**Projector Rigging Points**

Projector cradles can be rigged from any available horizontal bar or fly line.  
1m projector mount.

**Cabling**

Cat5 is permanently installed to patch panels located in the control room and at the stage managers console.  
HDMI or VGA can be used from these ports.

**BACKSTAGE**

**Communications**

**Stage Managers Desk**

Stage managers desk is located Down stage prompt corner. It is a fixed desk fitted with house light controls, a clock and 3 TV's for prompting. (infrared, orchestra pit and colour)

**Talkback – Wired**

Master unit	<b>ClearCom 2 Channel Main Station MS-702</b>
Total sub stations	<b>10</b>
Total headsets	<b>9 (shared between systems)</b>
Radio Units in house	<b>N/A</b>

**Talkback patching locations**

- |                         |                          |
|-------------------------|--------------------------|
| - Greenroom             | - Gallery Level 2 P US   |
| - Prompt US             | - Follow spot P Gallery  |
| - Stage managers desk   | - Follow spot OP Gallery |
| - OP Fly tower          | - Row H                  |
| - Orchestra pitt        | - Row Q                  |
| - Bio Box               | - Box Office             |
| - Gallery Level 2 OP US |                          |

**Talkback – Wireless**

Master Unit	<b>Radio com BTR-800</b>
Total Sub Stations	<b>4</b>
Total Headsets	<b>9 (shared between systems)</b>

**Paging / Show relay**

Paging to the dressing room, green room and workshop available from stage managers desk. Each room has individual volume control. Show relay is distributed to dressing room, green room, foyer, orchestra pitt, OP and P stage corners.

**Stage monitor**

Dressing room, SM desk, green room, Bio box, Foyer, Fly tower and Workshop. All TV's display a colour feed, SM and Fly tower have options of infrared or colour. Cameras are located under centre bridge.

**Dressing Rooms**

Dressing room	Capacity	Toilets	Shower	Details
Dressing room	120	Yes	Yes	
Green room	80	Yes	Yes	
Workshop	80	No	No	Upon request
Classrooms (9)	50	Yes	No	Additional charge

**Laundry / Wardrobe**

Washing Machines	<b>1 in Green room</b>
Dryers	<b>1 in Green room</b>
Drying rooms	<b>N/A</b>
Iron / Ironing board	<b>Upon Request</b>
Clothes racks	<b>Located in Dressing room</b>
Towels	<b>N/A</b>

**Production Facilities****Production Desk**

Production desk setup in the centre of **H Row**. Table accommodates 4 people with access to Power, DMX and talkback.

**Production Office**

Upon Request

**Internet access**

Yes, upon request (charges apply)

**Greenroom**

Tea / Coffee facilities	<b>Yes</b>
Fridge	<b>Yes</b>
Microwave	<b>Yes</b>
Running water	<b>Yes</b>

**Stage Door****Access**

Stage door is located adjacent to Erindale college off McBryde Crescent signed double doors.

## **ADDITIONAL FACILITIES & INFORMATION**

### **Orchestral**

Yamaha Upright piano  
Yamaha baby grand piano  
21 music stands  
11 sconces  
4 GPO outlets

### **Rehearsal Space**

Multiple rehearsal areas are available located within the Erindale college and the workshop located rear of venue