



## TECHNICAL SPECIFICATIONS RIVERSIDE THEATRE

- Standard Lighting Rig is a four (4) colour wash onstage and five (5) colour wash Front of House
- Standard Flying Rig is attached to this document and is reinstated during Bump Out at the discretion of the Operations Manager.
- Our staff operates all equipment in the Riverside Theatre. If you wish to operate our equipment, staff of the theatre must be employed to supervise its operation.
- Technical staff supplied for the performance as stated in the Hiring Contract is (1) Lighting Operator, (1) Sound Operator, (1) Mechanist/Flyman and one (1) Stage Door Security.
- The Management of the Theatre shall not be held responsible for any equipment, which is not available to the hirer due to electrical or mechanical failure, or any other circumstance beyond its control.

If further information is required please contact:

Sean Clarke - Venue and Operations Manager - 0414 590 954

Owen Ironside - Technical Supervisor.

Phone (02) 8839 3361 – Fax (02) 9683 3267

### STAGE DIMENSIONS

<i>Proscenium Arch:</i>	<i>12m wide x 7.4m High</i>
<i>Stage Working Depth:</i>	<i>9m to Ground Row Lighting</i>
<i>Stage Working Depth:</i>	<i>10.8m to last fly line</i>
<i>Stage Depth:</i>	<i>12m to Back Wall</i>
<i>Stage Height:</i>	<i>18.8m to Grid</i>
<i>Width: Centre to OP:</i>	<i>15m</i>
<i>Width: Centre to PS:</i>	<i>10.4m Total 25.4m</i>
<i>Stage Design Load:</i>	<i>700kg/m.sq</i>
<i>Side Stage Design Load:</i>	<i>500kg/m.sq</i>
<i>Fly Lines:</i>	<i>33 Fly Bars X 15.4m Long (48mm OD)</i>
<i>Line Load:</i>	<i>400kgs</i>
<i>Fly Line Travel:</i>	<i>18 Metres</i>
<i>Setting Line to Forestage:</i>	<i>500mm</i>
<i>Fly Lines Operated from Prompt Side - Stage Level</i>	
<i>Loading Dock Access O.P</i>	<i>3100 Wide x 3600 High</i>

### STAGE DRAPERY

<i>5 Pairs Legs</i>	<i>9000 x 4000mm Flat</i>
<i>5 Borders</i>	<i>4000 x 15400mm Flat</i>
<i>1 Traveler Curtain - 2 Piece</i>	<i>9000 x 8300mm</i>
<i>1 House Curtain</i>	<i>Electric French action or Flown</i>
<i>1 Cyclorama</i>	<i>8500 x 15400mm</i>

**Information Correct at Time of Printing – Subject to Change without Notice. Updated Jan 2009.**

## **ORCHESTRA PIT / STAGE EXTENSIONS:**

The front two rows of seating can be removed to provide an Orchestra Pit or set at stage level to give a 2m extension at centre curving to zero at the sides.

The orchestra pit can accommodate up to 30 musicians plus a grand piano. 19 music stands with sconces available, plus conductor's and piano stands with sconces.

## **LAMP LIST:**

20 x Pacific 1kw	12 – 28 degrees (FOH Bridge 3)
24 x Pacific 1kw	23 – 50 degrees (FOH Bridge 2)
9 x Pacific 1kw	23 – 50 degrees (3 per Lx 1-3)
36 x 1.2Kw Rama	Fresnels with Barn Doors
16 x Acclaim Axial 600w	18-34 degrees (Ladders)
16 x Acclaim Axial 600w	24 – 44 degrees (Ladders)
20 x Fresnels 650w	Linea Sintesi Fresnels
12 x Acclaim Axial 600w	18-34 Profile (4 per Lx 1-3 Gobo wash)
5 x 1kw	CYC Units (4 way)
6 x Ground Row	800w (4 way)
32 x Par 64 (110v)	MFL (16 per Lx2a &3a)

*(A limited selection of Pacific lens combination are available)*

## **PATCH / DIMMER INFORMATION**

- 3 Bridges FOH – 30 Circuits per Bridge
- 2 Balconies – 10 Circuits per Balcony
- 4 LX Bars Onstage – 30 Circuits each
- 2 LX Bars Onstage – 12 switchable circuits 240 or 110
- 40 Floor Circuits – 20 per side
- 18 Box Boom Circuits – 9 per side
- 8 Lighting Ladders – 4 per side – 4 Circuits to each
- 1 x Strand 520i (300 Conventional Channels)
- 120 x 5kw Dimmers
- 12 x 2.5kw dimmers (USPS on Floor)
- 12 x 2.5kw dimmers (PS Fly Floor)
- 12 x 2.5kw dimmers (OP Fly Floor)
- 10 x 2.4m Stage Booms
- Dimmer Control – DMX 512 (2 streams)

## **SOUND EQUIPMENT:**

Paging: - All Dressing Rooms

Talkback – Cable Headsets Available throughout Venue

## **SOUND SYSTEM:**

A genuine Left, Centre, Right processor controlled system plus 4 fold back/effects sends

### Speakers

Alcon Line Array – Cluster Fixed to Proscenium Arch (Centre)  
(8 x Alcons LR14, 3 x LR14B Subs, 2 x Alcon Deep Subs)  
6 x BOSE MA12 Array -Side Speakers (Left and Right)  
2 x BOSE Cannons (Centre)  
2 x BOSE 502B Subs (Left and Right)  
6 x BOSE M32SE - Front Fill (Centre)  
4 x Peavey Wedges for F/back/Effects (Additional available)

### Amplification

3 x Alcon ALC2 Amps with DDP  
2 x Alcon ALC4 with DDP

DBX 481 System processor  
1 x BOSE WSC1 System Processor  
1 x Yamaha – PC 2002 – Amplifiers (Cannons)  
2 x Crown 602 (BOSE MA12s Left and Right)  
1 x Crown CE 2000 (BOSE 502B Left and Right)  
1 x Yamaha PC2002M (Fold Back/Effects 1&2)  
1 Crown 402 (Fold Back/Effects 3&4)  
Creative Audio A2000 (M32SE Front Fill)

### **OTHER EQUIPMENT:**

A variety of Vocal, Instrument and Hanging Mics are available  
Hand held, Lavalier, lapel and Countryman radio microphones available.

1 x Soundcraft MH4 – 40 Mono/4 Stereo Channel Mixer with 8 VCA and 16 Groups  
2 x Lexicon MP1 – Effects Units  
2 x Yamaha Q1027 – Graphic Equalizers  
2 x Denon DN-C680 CD Players  
1 x Denon DN770R Twin Tape Deck  
2 x Denon DN-M1050R Mini Disc Players  
8 x SHURE UC Radio mic receivers  
*(2 included in full rental 6 additional for small fee. Batteries at cost)*  
4 x Yamaha – Q 1027 - Graphic Equalizers (Fold Back/Effects)  
1 x Yamaha – Q2031 – Graphic Equalizer (Radio Group)  
2 x Compressor Limiters – DBX 106X

### **DRESSING ROOMS:**

Dressing Room One – Stage Level – 30 Children or 16 Adults  
Dressing Room Two – Stage Level – 30 Children or 16 Adults  
As per hire agreement additional Dressing Room facilities may be allocated by the Venue & Operations Manager  
Dressing Room Three – Upper Level – 20 Children (If Available)  
Dressing Room Four – Upper Level – 6 Children or 3 Adults. (If Available)  
All dressing rooms contain illuminated mirrors, toilets and showers.

## **LAUNDRY FACILITIES:**

2 x Industrial Washing Machines  
2 x Industrial Dryers (Tumble)  
1 x Upright Dryer

## **GREENROOM**

A Greenroom is located upstairs between dressing rooms 4 and 5. There is boiling water, chilled (or room temperature) filtered water, a microwave, comfy lounges, dining table and visiting companies fridge available.

The Greenroom is a shared space for all visiting companies and crew.

Soft drink and confectionary vending machines are located in the courtyard outside the exit doors near the laundry.

## **PARKING**

Six parking places only are available for Riverside cast and visiting crew. Notification of the drivers' names, vehicle type and registration must be given at least 1 week in advance of the company's arrival. The nearest parking station, off Phillip Street, behind Brand Smart, is 5 minutes easy walk from the theatre.

## **BACKSTAGE ACCESS**

All cast and crew **MUST** enter and exit via Stage Door which is located off the car park near the corner of Market and Marsden Streets.

Stage Door's telephone number is (02) 8839 3360.



**Fly Line Allocation – STANDARD HANGING PLOT**  
**Measurement taken from Setting Line (Pros Wall)**

Please note any movement from the Standard Hanging Plot must be returned during Bump Out.

Line	Distance	Height	Description	Line	Distance	Height	Description
G1	400		Pelmet BDR				
HC	650		House Curtain				
1	900	10.5m	Border 1	31	5400		Legs 3 @ 5.5m
2	1050		Legs 1 @ 5.5m	32	5550		NOT INSTALLED
3	1200		NOT INSTALLED	33	5700		Half Stage Black
4	1350	8.3m	LX 1	34	5850		NOT INSTALLED
5	1500		NOT INSTALLED	35	6000	8.8m	LX 3
6	1650			36	6150		
7	1800			37	6300		
8	1950			38	6450		
9	2100		NOT INSTALLED	39	6600		
10	2250		Old Cyc	40	6750		
11	2400		NOT INSTALLED	41	6900		
12	2550			42	7050		
13	2700		NOT INSTALLED	43	7200	11.3m	Border 4
14	2850	11.0m	Border 2	44	7350		NOT INSTALLED
15	3000		NOT INSTALLED	45	7500		Legs 4 @ 5.5m
16	3150		Legs 2 @ 5.5m	46	7650		NOT INSTALLED
17	3300			47	7800	8.5m	LX 3a
18	3450	8.4m	Lx 2	48	7950		NOT INSTALLED
19	3600			49	8100		NOT INSTALLED
20	3750			50	8250		NOT INSTALLED
21	3900		NOT INSTALLED	51	8400	11.0m	Border 5
22	4050		NOT INSTALLED	52	8550		NOT INSTALLED
23	4200			53	8700	10.0m	LX 4
24	4350		NOT INSTALLED	54	8850		NOT INSTALLED
25	4500	10.6m	Border 3	55	9000		Legs 5 @ 5.5m
26	4650		NOT INSTALLED	56	9150		NOT INSTALLED
27	4800		Projector Screen	57	9300		
28	4950		NOT INSTALLED	58	9450		NOT INSTALLED
29	5100	7.5m	LX 2a	59	9600		
30	5250		NOT INSTALLED	60	9750		
				61	9900		
				62	10050		
				63	10200		Full Stage Black
				64	10500		OP Pan Bar
				65	10650		PS Pan Bar
				66	10800		CYCLORAMA

**Notes:**

LX Bar height is measured from the batten not the lower bar.