



# Theatre Technical Specifications

April 2018

## Technical Coordinators:

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## Venue Coordinator:

### **Carla Barrios**

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## Venue Details:

Address: 351 Glenfern Road, Upwey, 3158  
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Fax number (03) 9754 8523:  
Website: [www.burrinja.org.au](http://www.burrinja.org.au)  
Melways ref: 75 B12

## **STAGE**

### **Brief Stage Description:**

**Un-raked, un-raised, without a proscenium arch. The floor is sprung with a black finish. Hanging facilities are by Tri Truss on dollies. There is a crossover behind stage wall (cyc) with access to dressing rooms.**

Stage rake **NONE**

### **Stage Dimensions:**

#### **Proscenium**

Width **14 m with legs out.**  
Width **9.4 m with legs in (adjustable)**  
Height **7.5 m from stage floor to bottom of Catwalk.**

#### **Setting Line**

The SL is 9.3 metres from the cyclorama wall.

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

SL to DS edge of apron **2 m\*** (further extension possible by arrangement)  
SL to rear wall **9.3 m\***  
CL to OP wall (or obstruction) **7 m**  
CL to PS wall (or obstruction) **7 m**  
Stage to underside of catwalk **7.5**

*\*Please note that the stage apron is a flat floor to the seating bank, so the front edge of the playing space can be set anywhere in front of there. There are 2 removable rows of seating (AA & BB) that can be placed on this flat area. The Setting Line mentioned here is the most forward position that the front of house curtain can be placed.*

### **Additional Staging:**

#### **Transtage Premiere staging units**

Dimensions **1m x 1m x 400mm**

Treads available **Yes, 2 sets**

Skirts available **Yes, 8 x 2m skirts**

Surface **Duraflex hard textured surface, black**

Load limit **950kg/m<sup>2</sup>**

Quantity **A maximum of 20 staging units are available for a free standing stage of 20m<sup>2</sup>.**

Hand rails **N/A**

Auditorium:

Upper and Lower level seating with removable balcony options.

Seating capacity **300 (400 on approval by management)**

Seating capacity with vomitory out **Max: 384**

Seating capacity with extended apron **Max: 364**

Seating capacity without  
Orchestra lift/pit seating installed **No Orchestra lift/pit**

Flying Facilities:

**No Flying system**

Rigging Facilities:

**Rigging System**

3 full stage lengths of Tri truss on dollies that run up and down stage are fully riggable. These bars are not able to be flown in to stage level. The lower chord height is fixed at 9.2m above stage level. They are able to be positioned anywhere between the upstage wall and Setting Line.

3 catwalks with adjoining tech balconies used for LX rigging and possible Hanging Points

LX bars cannot be swung

Drapery:

<b>*Type</b>	<b>Material</b>	<b>Colour</b>	<b>Width</b>	<b>Height</b>	<b>Quantity</b>
House Curtain	Wool	Black		9.2	2
Legs	Wool	Black	2.3	7.3	10
Blacks	Molten	Black	3	9.2	6

**House Curtain** is operated by manual pulley system PS

**Legs** are able to slide up and down stage on tracks as well as swing on and off stage. (they are not removable)

**Blacks** are hung with Velcro tabs from the Tri Truss on dollies.

Access Equipment:

**No Elevated Work Platform**

All rigging from Catwalks Lighting Bridge, Tech Balconies and Balcony.

## Loading Dock:

### **Access**

Truck access from Matson Drive with direct access to staging area.

Loading Dock Height      **Loading dock has a leveller platform with maximum truck height clearance of 3.9 m**

Door Dimensions              **2.8 m High**  
   **1.9 m Wide**

### **Restrictions / Obstructions**

For Bump-ins, loading bay can only be used on weekdays from 7:00am and weekends from 9:00am until 1 hour prior to performance.  
Bump-outs must be completed by 1:00am.

Access is restricted to one truck at a time.

## Staging Notes:

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

Scenery, backdrops and any other material must **not** be attached or placed against the rear stage cyc wall in any manner.

## LIGHTING

### House Lights:

Independant control              **YES**  
Control positions                  **Control Desk and DS PS and DS OP**  
Fade time adjustable              **No. Has variable dimming -100%; 65%; 35%; 10%**

## Positions:

**Stage LX Bars**                      Fixed multiple uni-strut from catwalks and lighting bridge

*See LX dimesnions plan for LX bar locations*

### **FOH Lighting Bridge 1 (FOH LX)**

Setting Line to lighting bar      **Lower Bar is 9.4 m at 37 degrees**  
Usable bar width                      **14 m**  
Notes                                      This point consists of 2 bars with one sitting approx. 60 cm above the lower.

### **Catwalk 1 down stage side (LX1a)**

Setting Line to lighting bar      **Lower Bar is 7.7 m at 12 degrees**  
Usable bar width                      **14 m**

Notes This point consists of 2 bars with one sitting approx. 60 cm above the lower.

**Catwalk 1 up stage side (LX1)**

Setting Line to lighting bar **Lower Bar is 7.5 m at 1.5 degrees**

Usable bar width **14 m**

Notes This point consists of 2 bars with one sitting approx. 60 cm above the lower.

**Catwalk 2 down stage side (LX2)**

Setting Line to lighting bar **Lower Bar is 8.9 m at 32 degrees**

Usable bar width **14 m**

Notes This point consists of 2 bars with one sitting approx. 60 cm above the lower.

**Catwalk 2 up stage side (LX 3)**

Setting Line to lighting bar **Lower Bar is 9.8 m at 40 degrees**

Usable bar width **13.5 m**

Notes This point consists of 2 bars with one sitting approx. 60 cm above the lower.

**Tech Balcony Bar PS & OP**

Centre Line to lighting bar **10.6 m at 41 degrees**

Notes

**FOH Boom (PS & OP)**

Setting Line to FOH Perch **12.1 m at 42 degrees**

*Distances are to the highest downstage point of boom or perch.*

**2 x 3 metre push up stands**

2 x 3 metre push up stands available for side stage lamp hanging.

Control:

Lighting desk **LSC Maxim XXL**

Control channels **120 (no pat pad)**

Signal distribution **2 DMX universe streams available.**

Dimmer Racks:

2 X EKO 24 dimmer Channels

4 X Solution Cool 12 Dimmer Channels

**Total Dimmer Channels**                      **96**

**Dimmer Locations**                              **Tech Balcony PS**

Stage Luminare:

**Profiles**

<b>Make</b>	<b>Model</b>	<b>Angle</b>	<b>Detail / Accessories</b>	<b>Watt</b>	<b>Total</b>
SPX	SPX15-35	35 deg	colour frame and shutters and B size gobo holders	800W	<b>28</b>
SPX	SPX25-50	50 deg	colour frame and shutters and B size gobo holders	800w	<b>16</b>

**Fresnel's**

<b>Make</b>	<b>Model</b>	<b>Detail / Accessories</b>	<b>Watt</b>	<b>Total</b>
Rama	16RAFR175PL	colour frame barn doors	1200W	<b>24</b>
Selecon	12ACFPL	colour frame barn doors	650W	<b>6</b>

**PC**

<b>Make</b>	<b>Model</b>	<b>Detail / Accessories</b>	<b>Watt</b>	<b>Total</b>
Selecon		colour frame	1200W	<b>6</b>

**LED Par Cans**

<b>Make</b>	<b>Model</b>	<b>Detail / Accessories</b>	<b>Watt</b>	<b>Total</b>
Showtec	Club Par 12-6 RGBWAUV	DMX control	12 x 8w	<b>9</b>
ProShop	Tri 18 RGB	DMX control	18 x 3w	<b>4</b>

**Cyc Battens**

<b>Make</b>	<b>Model</b>	<b>Detail / Accessories</b>	<b>Watt</b>	<b>Total</b>
LUI	0LUICYC3PL	3-way Cyc Batten	1000W	<b>6</b>

Additional Lighting:

<b>Item</b>	<b>Make</b>	<b>Model</b>	<b>Detail / Accessories</b>	<b>Watt</b>	<b>Total</b>
Mirror Ball			With Motor		<b>1</b>

Power:

**3 Phase Outlets**

2 D.S.OP

2 D.S.P

1 US OP

1 US P

Cabling:

**240v Extension Cable**

The Theatre has a good stock of extension leads to accommodate standard use and needs.

**Looms**

None

**3 phase Extensions**

None

**AUDIO**

Control Positions:

**Control Desk**

Rear centre of stalls open space dedicated position.

Control:

**Primary Mixer**

Allen Heath 24 channel 4 stereo outputs 6 aux sends phantom power.

**EQ**

dbx 2231 for FOH

Yamaha Q2031 for Monitors

**FX**

Yamaha SPX2000

**Compression / Limiter / Gate**

dbx 166XL

**FOH Speakers**

3 x JBL VRX 932 LAP Line Arrays (flown) – per side

1 x JBL VRX 918 SP Sub (flown)– per side

**Audio Monitors**

4 x 2000 w QSC K12.2 powered speakers

2 x 500 w Soundking powered speakers

2 x 250 w Soundking powered speakers

Cabling:

**Audio Cable**

The Theatre has good stock for standard venue use.

**Multicore**

1 X 20m Multicore 12 sends 4 returns

Microphones:

Make	Model	Detail / Accessories	Use	Total
Shure	SM 58		Vocals	<b>6</b>
Audio Technica	ATM450	Condenser side entry	Instrument	<b>6</b>
Shure	MX412S/S	Lectern Microphone	Vocals	<b>1</b>
Sennheiser	ME2	Clip on Lapel	Vocals	<b>1</b>
Sennheiser	100-835-G3	Hand held Wireless	Vocals	<b>2</b>
Sennheiser	E816 S	Hand held with switch	Vocal	

**D.I.s**

2 X Leem NDR DI

1 X Behringer Ultra DI

Line Patching:

Location	Quantity	Detail
Downstage P	8	6 sends, 2 returns
Downstage OP	8	6 sends, 2 returns
Downstage P stage floor trap	8	6 sends, 2 returns
Downstage OP stage floor trap	8	6 sends, 2 returns
Upstage P stage floor trap	4	3 sends, 1 return
Upstage OP stage floor trap	4	3 sends, 1 return
Rehearsal Position	4	3 sends, 1 return
Catwalks	15	10 Sends, 5 returns
Balcony P	4	3 sends, 1 return
Balcony OP	4	3 sends, 1 return



## **AUDIO VISUAL**

### Projectors:

Type	Model	Detail	Total
Sanyo Projector	PLC-XP200L	VGA or SDI (RCA converter) signal in	1
Sanyo short throw lens	W31		1

### Screens:

#### **Projection Screen**

Theatre Cyclorama is used as main screen.

Screen dimensions     **10 m wide X 7.5 m high**

**Portable screen available on request 1.8m X 1.4**

### Projector Rigging Points:

Permanently rigged centre down stage off Catwalk 1 (down stage of curtain track)

Controlled by wired remote at control desk

## **BACKSTAGE**

### Communications:

#### **Stage Managers Desk**

The Stage Managers desk is in Prompt corner. It is fitted with CCTV monitoring, Talkback to Control Desk and Dressing/Green Rooms and Paging to Foyer.

### Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Principal 1	4	M/F	YES	Principal.1 and Principal.2 can be joined or divided as needed
Principal 2	4	M/F	YES	
Dressing room 3	30	M/F	YES	D.R.1 and D.R.2 can be joined or divided as needed
Dressing room 4	35	M/F	YES	
Dressing room 5	10	M/F	YES	Upstairs next to Black Box Space
Black Box	100	No	No	This Space can be used for large groups by arrangement

All dressing rooms and Green Rooms have CCTV and Audio stage relay

### Stage Door:

#### **Access**

Stage door is next to loading dock on Matson Drive. Access needs to be controlled by personnel.

**VENUE:**

Venue Address                   **351 Glenfern Road Upwey 3158 (Enter from Matson Drive)**

Venue Postal Address       **351 Glenfern Road Upwey 3158**

**Staff Contacts:**

**Venue Tech Co-ordinators           Henry Barratt and Trevor Ploeg**

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