

# Dubbo Regional Theatre & Convention Centre

## Theatre Technical Specifications

Updated: April 2018

**Technical & Production Coordinator: David Brown**

Phone number: 02 6801 4372  
Fax number: 02 6801 4259  
Mobile: 0418 270 500  
Email: [david.brown@dubbo.nsw.gov.au](mailto:david.brown@dubbo.nsw.gov.au)

**Venue Technician:**

Phone number: 02 6801 4376  
Phone number: 0417 974 079  
Email address: [nathan.exelby@dubbo.nsw.gov.au](mailto:nathan.exelby@dubbo.nsw.gov.au)

**Venue:**

Phone number: 02 6801 4378 (Box Office)  
Website: [www.drctcc.com.au](http://www.drctcc.com.au)  
Venue address: 155 Darling St, Dubbo NSW 2830  
Postal address: PO Box 81, Dubbo NSW 2030  
Loading Dock: 24 – 26 Carrington Ave



**Stage Dimensions:**

**Proscenium**

Width 11 to 13 metres (Motorised adjustable tormentors each side)  
 Height 8 to 5 metres (Motorised adjustable teaser)

**Distance From**

Stage Edge to DS edge of Orchestra Lift/Pit	2.7 metres
Stage Edge to last upstage fly line	10.3 metres
Stage Edge to rear wall	12.1 metres
Centre Line to OP wall (or obstruction)	9.8 metres DS, 10.8 metres US
Centre Line to PS wall (or obstruction)	9.1 metres
Centre Line to Standard Masking line	5 metres
Stage to underside of grid	19.8 metres

**Overhead obstructions**

PS Fly gallery to stage floor	<b>7.7 metres</b>
OP Fly gallery to stage floor	<b>7.0 metres</b>

**Auditorium:**

Auditorium is stalls only -	<b>Maximum 500 seats</b>
Seats removed for Sound desk	
in back rows 'O' & 'P' -	<b>491</b>

**Orchestra Lift / Pit:**

Stage level at	<b>1.1 metre</b> above auditorium.
Orchestra pit level at	<b>Variable</b>
Lift can be set at any height	<b>YES</b>
SWL of orchestra lift	<b>6.0 tonnes evenly distributed</b>
Dimensions of the orchestra pit	<b>Orchestra pit is 12.9 metres wide x 2.57 metres deep at Centre stage, with a convex front edge</b>
Orchestra pit maximum capacity	<b>20 persons</b>

**Flying Facilities:**

**Fly System**

Single purchase counter-weight system

**Fly System Details**

Operating Position	<b>PS at Stage level</b>
Total number of Lines	<b>44 + House Curtain + 1 Panorama per side</b>
House Curtain	<b>House Curtain has motorised French Action</b>
Panorama Lines	<b>2 (line 45 - PS; line 46 - OP)</b>
Batten Drift	<b>19.8 metres</b>
Batten Type	<b>75mm x 50mm RHS</b>
Batten Length	<b>17.2 metres</b>
Batten Extensions	<b>N/A</b>
Batten Pick-ups	<b>6</b>
Batten Point Load	<b>140kg</b>
Batten W.L.L.	<b>500kg</b>
Cradle Capacity	<b>500kg</b>
LX bars can be swung	<b>NO</b>
Fly bars can be swung	<b>NO</b>

*SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFORMATION*

**There are 2 hand winched 12.5 metre Advance bars between the Proscenium and FOH Bridge 1. NOTE - THESE ARE NOT ACCESSIBLE FOR CABLING nor are they able to be masked Please do not allocate usage for these bars without first discussing your needs with the Technical & Production Coordinator**

**Draperly:**

<b>*Type</b>	<b>Material</b>	<b>Colour</b>	<b>Width</b>	<b>Height</b>	<b>Quantity</b>
House Curtain	Velvet Showtec 100% fullness	Red	2 x 7.3m	8.5m	1
Borders	Wool, no fullness	Black	17.2m	3m	5
Legs (pairs)	Wool, no fullness	Black	3.5m	8.5m	6
Smother	Wool, no fullness	Black	17m	8.5m	1
Tabs (traveller)	Wool,	Black	2 x 9.0m	8.5m	1
Cyclorama	Filled cloth	White	17m	8.5m	1

**Staging Units:**

**5 x SICO 1800 Series Dual height stage:**

- **1220mm x 2440mm @ 410mm or 610mm high**

**5 x SICO 1800 Series Dual height stage:**

- **1220mm x 2440mm @ 610mm or 810mm high**

**2 x 2 step riser with handrail**

**2 x 3 step riser with handrail**

**Black drapes to suit**

**Loading Dock:**

**Access**

Vehicle access to dock from Carrington Ave

Loading Dock Height                      **1190** (same level as stage)

Door Dimensions                              **5000 High x 4300 Wide**

**LIGHTING**

**FOH Bridge #1**

Stage edge to lighting bar              **14.6 metres @ 60°**

Usable bar width                              **14.5 metres**

**FOH Bridge #2**

Stage edge to lighting bar              **16.7 metres @ 45°**

Usable bar width                              **16 metres**

**Auditorium Bar**

Stage edge lighting bar                  **22.5 metres @ 30°**

Usable bar width                              **3 x 4 metres**

**FOH Box Booms (PS & OP)**

Stage edge to FOH Boom                **11.2 metres @ 60°**

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

Maximum lanterns per boom              **10 x 1kW profiles**

**Control:**

Lighting desk                                      **ETC Ion**

Control channels                                **1024**

Signal output                                      **DMX 512**

Signal distribution

**Two streams of DMX to dimmer room, then distributed to various points around stage, bridges and galleries**

**Dimmers:**

**Total Dimmers 348**  
**Dimmer room located off OP fly gallery.**

**All dimmers hard-wired to outlets or Wieland connectors around venue.**

2.4kw (10a) Dimmer Racks **JANDS WMXHR-H**

Total dimmers @ 3kw per dimmer **300**

6kw Dimmer Racks **Jands HPX6-A**

Total dimmers @ 6kw per dimmer **48**

**House Lights:**

Control positions **Control room, Prompt corner, SM console,**

Fade time adjustable **NO**

**Stage Luminaires: see plan**

**Profiles**

Make	Model	Angle	Detail / Accessories	Watts	Total
Selecon	Pacific	7.5°-19°	Permanently rigged on Control room bar. <b>NOT USEABLE ELSEWHERE</b>	1000	<b>6</b>
Selecon	Pacific	14°-35°		1000	<b>23</b>
Selecon	Pacific	14°-35°	Permanently rigged in box booms.	1000	<b>6</b>
Selecon	Pacific	23°-50°		1000	<b>6</b>
Selecon	Pacific	23°-50°	Permanently rigged in box booms.	1000	<b>6</b>
Selecon	Acclaim	24°-44°		650	<b>12</b>
ETC	Source 4	26°		750	<b>10</b>
ETC	Source 4	36°		750	<b>4</b>
Martin	Mac 700 Profile	16°-30°		700	<b>6</b>

**Fresnels**

Make	Model	Detail / Accessories	Watts	Total
Selecon	Arena HP 2kW	barndoors	2000	<b>6</b>
Selecon	Rama HP 1kW	barndoors	1000	<b>36</b>

### Par Cans

Make	Model	Angle	Detail / Accessories	Watts	Total
Par 64	240 Volt	MFL		1000	<b>24</b>

### Wash

Make	Model	Detail / Accessories	Watts	Total
Selecon	Lui	4 compartment (cyc flood)	1000	<b>5</b>
Selecon	Lui	4 compartment (ground row)	1000	<b>5</b>

### Followspots:

Make	Model	Angle	Detail / Accessories	Watts	Total
Robert Juliat	Topaze	7°-14.5°	6 colour magazine	1200	<b>2</b>

### Additional Lighting:

Item	Make	Model	Detail / Accessories	Watts	Total
Mirror Ball			20in diameter ball with motor		<b>1</b>
Smoke machine	HighEnd	F100			

## AUDIO

### Control Positions

#### Control Room

#### Auditorium

Located in centre of rows O & P at rear of stalls (Requires the removal of 9 seats)

#### Other

Prompt Corner

### Control & Amplification

#### Mixer

Yamaha LS9-32 digital console  
32 Inputs  
16 Outputs

## System Processing

BSS London Blu-160

## Amplifiers

### **Auditorium**

5 x Crown XTI-4000  
1 x Crown CDI-1000

### **Foyer and Paging**

3 x Crown CTS8200

## Speakers

### **Auditorium**

Left	<b>4 x JBL VRX928</b>
Right	<b>4 x JBL VRX928</b>
Centre	<b>4 x JBL VRX932</b>
	<b>2 x JBL ASB6128</b>

### **Monitors**

**2 x JBL PRX512M**  
**2 x JBL PRX612M**  
**2 x QSC K10**

## **Microphones:**

Make	Model	Detail / Accessories	Use	Total
Shure	ULX-D4	Receiver		<b>4</b>
Shure	ULXD4D	Receiver		<b>2</b>
Shure	ULXD	Belt pack transmitters		<b>1</b>
Shure	WL84	Lapel microphones		<b>1</b>
Rode	HS1-P	Headset microphones		<b>1</b>
Shure	ULXD2	Hand-held transmitters		<b>6</b>
Shure	Beta 58	Microphone	vocal	<b>4</b>
Shure	MX412	Lectern Microphone	Lectern	<b>1</b>
Shure	SM 57	Microphone		<b>7</b>
Shure	PG48	Microphone		<b>4</b>
Behringer	Ultra DI	Active DI		<b>4</b>
DPA	4099P	Piano Mic		<b>2</b>

**Playback:**

Item	Make	Model	Detail	Total
CD Player	Numark	MP103		<b>2</b>

**AUDIO VISUAL**

from Auditorium bar (Front projection)  
 NEC NP-4100 with NP-09ZL lens

**LECTERN** Lectrum L101 Series

**STAGE**

**Stage Manager's Console**

Stage Manager's desk is located in prompt corner. The desk can be moved within this area and is fitted with:

- Desk light**
- 1 x 10" LCD video monitor**
- Clearcom Talkback Master station**

**Paging / Show relay**

Paging to the dressing rooms is available from the Stage Manager's desk. Show relay is distributed to all dressing rooms and green room.

**Talkback**

- Master Unit                   **1 x Clearcom MS 702 (2 channels)**
- Sub stations                 **8 x Clearcom RS603 belt packs**

Talkback patching located throughout the venue (including):

- Prompt & OP of stage
- Control rooms
- SM console
- Fly rail
- Fly galleries
- Followspot positions (2)



## **MATV Facilities**

MATV infrastructure set-up in dressing rooms, green room, foyer and SM position. Camera located centre of the Auditorium bar.

## **Dressing Rooms**

<b>Dressing Room</b>	<b>Capacity</b>	<b>Toilets</b>	<b>Shower</b>	<b>Details</b>
1	4	Yes	Yes	Orange
2	4	Yes	Yes	Mustard
3	4	Yes	Yes	Purple
4	4	Yes	Yes	Green
5 Access	2	Yes	Yes	Charcoal
6 Chorus	20-30	Yes	Yes	Aqua
7 Chorus	20-30	Yes	Yes	Aqua
8 Make-Up	2	Yes	Yes	Charcoal

## **Laundry / Wardrobe**

Washing Machines **1 x combination 8.5kg washing machine/steamer/dryer**

Iron / ironing board **1 of each**

Clothes racks **1 per dressing room**

## **Greenroom**

Tea / Coffee facilities **Yes**

Fridge / freezer **Yes**

Microwave **Yes**

Running hot/cold water **Yes**

## **Stage Door Access**

Stage Door is located beside the loading dock on Carrington Ave.

## **ADDITIONAL FACILITIES AND INFORMATION**

### **Orchestral**

Yamaha 9' Concert Grand

12 x music stand with LED sconce lights

Lectrum L101 Series lectern

## **NOTE**

- Whilst every effort is made to fulfil Hirer requirements from in-house stock, no guarantee is made that the equipment listed will be available for a particular event due to damage or circumstances beyond our control.
- Some equipment is shared between both the Theatre and the Convention Centre and therefore is available on a "*first in - best dressed*" basis. i.e. Technical requirements received first take precedence.