

Dubbo Regional Theatre & Convention Centre

Theatre Technical Specifications

Updated: 12 February 2017

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Venue:

Phone number: 02 6801 4378 (Box Office)
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Website: www.drtdcc.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, 0.8 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	7.7 metres
OP Fly gallery to stage floor	7.0 metres

Auditorium:

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

Orchestra Lift / Pit:

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

Flying Facilities:

Fly System

Single purchase counter-weight system

Fly System Details

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

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

Drapery:

*Type	Material	Colour	Width	Height	Quantity
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. NOT USEABLE ELSEWHERE	1000	6
Selecon	Pacific	14°-35°		1000	23
Selecon	Pacific	14°-35°	Permanently rigged in box booms.	1000	6
Selecon	Pacific	23°-50°		1000	6
Selecon	Pacific	23°-50°	Permanently rigged in box booms.	1000	6
Selecon	Acclaim	24°-44°		650	12
ETC	Source 4	26°		750	10
ETC	Source 4	36°		750	4
Martin	Mac 700 Profile	16°-30°		700	6

Fresnels

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

Par Cans

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

Wash

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

Followspots:

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

Additional Lighting:

Item	Make	Model	Detail / Accessories	Watts	Total
Mirror Ball			20in diameter ball with motor		1
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 mono inputs
 4 stereo inputs
 16 Mix channel outputs
 8 Matrix channel outputs
 1 stereo output
 1 monoaural output

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 **4 x JBL VRX928**
Right **4 x JBL VRX928**
Centre **4 x JBL VRX932**
 2 x JBL ASB6128

Monitors

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

Playback:

Item	Make	Model	Detail	Total
CD Player	Numark	MP103		2

Microphones:

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

Audio Technica		Chorus Microphone		1
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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

Dressing Room	Capacity	Toilets	Shower	Details
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.