



Technical Specifications

Technical and Production:

Lea Collins

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Venue:

Wagga Wagga Civic Theatre

Burns Way, Wagga Wagga

Phone number: (02) 6926 9688

Website: www.civictheatre.com.au

STAGE

Brief Stage Description

- Flat floored stage with a Proscenium Arch and counter weight fly system.
- Pine tongue and groove floorboards overlaid with Yellow Tongue custom wood and surfaced with Tempered Masonite, painted matt black.
- Screwing into surface permitted, but large holes to be authorised by the Production and Technical Coordinator

- Stage distributed load limit **750kg/m² (7.5Kpa)**
- Stage point load limit **450kg (4.5kN)**
- Stage rake **No**

Stage Dimensions

Proscenium

- Width **9070mm**
- Height **4950mm**

Setting Line

- The rear of the Proscenium Arch is considered the setting line
- Please be advised that the theatre has a stage thrust that is 3870mm deep in front of the setting line
 - **THIS CANNOT BE MOVED TO AUDITORIUM LEVEL**

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

- SL to DS edge of apron **3870mm**
- SL to DS edge of Orchestra Pit **6250mm**
- SL to first fly line **250mm**
- SL to last upstage fly line **8660mm**
- SL to rear wall **9720mm**
- CL to OP wall (or obstruction) **8905mm**
- CL to PS wall (or obstruction) **8535mm**
- Stage to underside of grid **11880mm**

Overhead obstructions

- Distance from Proscenium to OP @ 5.5m **2550mm**
- Distance from Proscenium to PS @ 5.5m **2600mm**
- In PS wings there is a clearance of 4440mm below the sprinkler heads DS – US

Auditorium

- The auditorium consists of stalls only
- The floor has a slight rake in rows A – I with rows J – S being tiered
- There are a number of seats that can be removed for wheelchair seating and there is a hearing loop through the auditorium for the hearing impaired
- Seating capacity
 - Pit seating installed (standard) **488**
 - With orchestra pit to pit level **458**

Orchestra Pit

- The Orchestra pit is covered with fixed floor sections that require four crew to remove
- Stage level above auditorium **900mm**
- Orchestra pit level below auditorium **1290mm**
- Dimensions of the orchestra pit **Usable area for an orchestra is 10000 x 2370 mm**
- Orchestra pit maximum capacity **35 musicians**

Flying Facilities

Fly System Details

- Operating Position **PS @ Stage level**
- Total number of Lines **27**
- Panorama Lines **Fixed Panorama bar PS and OP (5500mm above stage)**
- Batten Drift **9390mm**
- Batten Type **50 x 75mm RHS**
- Batten Length **12000mm**
- Batten Extensions **NO**
- Batten Pick-ups **4160mm either side of C and C**
- Cradle Capacity **300kg**
- LX bars can be swung **NO**
- Fly bars can be swung **NO**

SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFORMATION

Flying Notes

- All flown items must be rigged with rated equipment and is subject to approval by a venue representative
- Only qualified riggers are permitted to reweigh lines
- Only venue technicians are permitted to fly lines
- Access to the fly galleries is from PS of stage only

Draperly

Item	Material	Colour	Width (mm)	Height (mm)	Quantity
House Curtain	IFR Velvet	Red	7500	6000	1 pair
Borders	50% Fullness IFR Wool	Black	14000	2000	4
Legs	50% Fullness IFR Wool	Black	4500	6000	4 pairs
Traveller	50% Fullness IFR Wool	Black	14000	6000	1
Cyclorama	Filled Cloth	White	12000	6000	1
Scrim	Sharks tooth gauze	Black	12000	6000	1

Hanging Plot

SL: Setting Line as indicated previously

Line Type: SP = Single purchase, DP = Double purchase, MW = Motor Winch, HW = Hand Winch, HL = Handline

W.L.L.: Maximum distributed load including bar weight

*** Line 2 proximity to house curtain and drenching system makes it unsuitable for lighting purposes*

Optimal location for rear projection if both flown is 8m. Alternatively Screen and/or projector can be free standing

Line #	Distance from SL (mm)	Line Type	Venue Allocation	Intended Use <i>(hiring company use)</i>	Approx Bar Weight
1	250	SP	HOUSE CURTAIN		
** 2	550	SP			
3					
4	950	SP	LX 1		
5					
6	1250	SP	LEGS 1 Projector Screen (Legs 1 needs to move to Line 7)		
7	1750	SP			
8	1950	SP			
9	2150	SP			
10					
11	2550	SP	BORDER		
12	2750	SP	LEGS 2		
13	3450	SP	LX 2		
14	3650	SP			
15	3850	SP			
16	4000	SP	BORDER		
17	4200	SP			
18	4400	SP	LEGS 3		
19	4600	SP	TRAVELLER		
20	4900	SP			
21	5100	SP	BORDER		
22	5300	SP			
23					
24	5700	SP	LX 3		
25					
26	6100	SP	LEGS 4		
27	7000	SP			
28	7150	SP			
29					
30	7550	SP	BORDER		
31	7900	SP	LX 4 (CODAS)		
32	8150	SP	Projector for rear projection TRAVELLER (UPSTAGE POSITION)		
33					
34	8550	SP	CYCLORAMA		

Access Equipment

Elevated Work Platform

- Genie GR-20
- Maximum reach is **6.1m**

EWP Restrictions

- Only one person to be in the basket at any one time
- **Lifter must not be driven over thrust of stage**

Ladders

- 2x 2400mm Fibreglass A-Frame Ladder
- 1x 8780mm Fibreglass Extension Ladder

Staging Units

- 10x Prolyte staging pieces (1000 x 2000mm)
- 2x Prolyte staging pieces (1000 x 1000mm)
- Legs available for 300 and 600mm

Safety Curtain

- Safety Curtain installed **No**
 - House curtain is used with the sprinkler system to create a Water Curtain
- Safety Curtain must be unobstructed at all times
- Thickness of Fire Curtain **5mm**
- Distance from setting line **250mm**
- Additional Requirements
 - House Curtain must remain in the down position whilst venue not in use

Loading Dock

- Loading dock is on the corner of Tarcutta St and Burns Way.
- Loading Dock Height **1200mm**
- Door Dimensions **3370mm** ↔
3650mm ⇕
4830mm ↗
- Restrictions / Obstructions
 - *Loading Dock doors are larger than the doors from the dock onto stage*
 - Door Dimensions: **1930mm** ↔
3650mm ⇕
4150mm ↗

LIGHTING

Positions

- **FOH Bridge**
 - Distance to SL **12650mm 30°**
 - Usable bar width **10000mm**
- **Orchestra Bar**
 - Distance to SL **8005mm 50°**
 - Usable bar width **9000mm**
- **Lx 1**
 - Distance to SL **6000mm 80°**
 - Usable bar width **12000mm**
- **Lx 2**
 - Distance to SL **6870mm 60°**
 - Usable bar width **12000mm**
- **Lx 3**
 - Distance to SL **8230mm 45°**
 - Usable bar width **12000mm**
- **Lx 4 (this is not a dedicated lighting bar and is wired with looms)**
 - Distance to SL **9500mm 40°**
 - Usable bar width **12000mm**
- **Perch 1 (PS & OP)** *Distances are to the highest downstage point of perch*
 - Distance to SL **15500mm 15°**
 - Maximum lanterns per perch **Maximum (5) lanterns**
 - Usable bar length **2100mm**
- **Perch 2 (PS & OP)** *Distances are to the highest downstage point of perch*
 - Distance to SL **11000mm 23°**
 - Usable bar length **2100mm**
- **Perch 3 (PS & OP)** *Distances are to the highest downstage point of perch*
 - Distance to SL **7300mm 40°**
 - Usable bar length **2600mm**

Control

- Lighting desk **ETC Ion 1000 with 2x 20 Fader wings**
- Control channels **1024 / 2 Universes**
- Signal output **DMX into Enttec D-Split**
- Signal distribution **Currently using 3x Streams**
 - *1x Dimmer Room, FoH & Orchestra Bridges, 2 On Stage Lx Bars and Prompt and OP Stage, 3 HLX*
- Remote available onstage **Yes – iPod RFR**

Dimmer Racks

- Total Dimmers **112 x 10amp Bytecraft Solutions 28**
28 x 20amp Bytecraft Solutions 28
- Dimmer Locations **PS Gallery above the Stage Managers Console**

House Lights

- Independent Control **Yes, upon request**
- Control positions **Bio Box, Stage Managers Desk**
- Fade time adjustable **Yes – if used through the lighting desk**

Stage Luminare

Profiles

Make	Model	Angle	Detail / Accessories	Watt	Total
Selecon	Pacific	12/28	Gel Frame	1000	18
Selecon	Pacific	12/28	Gel Frame	1200 80v	16
Bases cannot be moved from FOH Bridge but barrels may be swapped					
Selecon	Pacific	14/35	Gel Frame	1000	20
Selecon	Pacific	23/50	Gel Frame	1000	10

Fresnel's

Make	Model	Detail / Accessories	Watt	Total
Selecon	Rama 6'	Barn Doors / Gel Frames	1000	46

Par Cans

Make	Model	Detail / Accessories	Watt	Total
ETC	Multipar	Gel Frame / 3 Lens available	575	20

Cyc / Flood

Make	Model	Detail / Accessories	Watt	Total
Selecon	PL1 Cyc MKII	LED Cyc unit	120	8

Followspots

Make	Model	Detail / Accessories	Watt	Total
Robert Juliat	Topaz MSD	6 colour magazine Cold Strike Laser sights	1200	2

Additional Lighting

Item	Make	Model	Detail / Accessories	Watt	Total
Mirror Ball			20in mirror ball with motor		1
Strobe			DMX controlled	1500w	1
Hazer	Look Solutions	Unique 2	DMX / Standalone		1
Smoke Machine	Look Solutions	Unique 2	DMX / Standalone		1

Accessories

Item	Size	Detail / Accessories	Total
Pacific gobo holders	A		10
Pacific gobo holders	B		10
Pacific Iris			10

Gobos

Description	Make	Size		Total
Industrial window	Rosco	B	7279	2
Scattered Light	Rosco	B	78221	4
Trusswork	Rosco	B	7228	2
Love heart	Rosco	B	77093	4
Fine Stars	DHA	B	B1054	2
Large Stars	DHA	B	B884	1
Moon & Stars	DHA	B	B99001	1
Lattice	DHA	B	B545	2
Jail Bars	DHA	B	B980	2
Linear 2	DHA	B	B402	2
Man	DHA	B	B8075	1
Woman	DHA	B	B8076	1
Circles	Lee	B	B408	2
Tree	Hand made	B		1
Window	Hand made	B		1
Large Breakup	Lee	B		6
Fine Breakup	Hand made	B		1

Patching

Location	QTY	Numbering (PS to OP)	Detail
Foh Bridge	22	22 – 1	Patches 2, 8, 15, 21 - 20amp
Orchestra Bridge	22	44 – 23	Patches 24, 29, 37, 43 – 20amp
Lx 1	24	200 – 223	Patches 200, 209, 214, 223 – 20amp
Lx 2	24	224 – 247	Patches 224, 233, 238, 247 – 20amp
Lx 3	24	248 – 271	Patches 248, 257, 262, 271 – 20amp
PS DS Floor Trap	4	99 - 101	
PS US Floor Trap	3	185 - 187	All patches are 20amp
OP Floor Trap	4	96 - 98	
PS Onstage Boom	4	92 - 95	Bottom to top
OP Onstage Boom	4	84 - 87	Bottom to top
PS rear of Proscenium	4	88 - 91	
OP rear of Proscenium	4	80 - 83	
PS Forestage Boom	5	75 -79	Bottom to top
OP Forestage Boom	5	70 – 74	Bottom to top
PS Orch Bridge Boom	5	65 – 69	Bottom to top
OP Orch Bridge Boom	5	60 – 64	Bottom to top
PS FoH Bridge Boom	5	55 – 59	Bottom to top
OP FoH Bridge Boom	5	50 – 54	Bottom to top
PS DS Gantry	11	125 – 136	
PS MS Gantry	11	140 -151	
PS US Gantry	7	155 – 161	Patches 159, 160, 161 – 20amp

Power

- 3 Phase Outlets
 - 1 x 40amp PS on Proscenium Wall stage level
 - 1 x 40amp OP on Proscenium Wall stage level
 - 2 x 40amp FoH Bridge
 - 2 x 40amp Orchestra Bridge
 - 4 x 32amp Dimmer Room
 - 1 x 20amp Loading Dock

Cabling

- **240v Extension Cable**
 - The theatre has a good stock of extension leads to accommodate the venue's standard lighting rig and variations to it. Any additional equipment will require additional cable stock to be sourced
- **Looms**
 - 2 x 20mtr 4 - way Wielands
 - 4 x 30mtr 6 - way Wielands
- **3 phase Extensions**
 - 20amp to 32amp converter

Lighting Notes

- Lanterns for standard rig FoH cannot be relocated off the bar
- Lx 4 uses Wielands and is not an Lx bar

AUDIO

Control Positions

- **Control Room**
- **Auditorium**
- **Side of stage** On stage either PS or OP, mixer to be patched through main console.

Control & Amplification

- **Primary Mixer**
 - Avid Venue Mixrack System
 - Input 48 x XLR 16 x TRS
 - Output 16 x XLR 16 x TRS
- **Secondary Mixers**
 - Yamaha MG12/4, 12 channel, 2 stereo inputs, 2 aux sends, phantom power
 - Allen & Heath, 32 channel, 2 stereo inputs, 4 aux sends
 - Soundcraft Si Expression 1, 16 channel, plus 4 line inputs, 4 internal stereo FX returns, AES in, and a 64x64 expansion slot
- **FOH PA System**
 - Turbo Sound FLEX Array
 - 10x TCS 1061 Mid/Hi (Flown, 5 per side)
 - 2x TCS B218 Subwoofer (Flown, 1 per side)
 - 4x TCX-8 Fill (Front fill, mounted in stage)
- **Foldback Speakers**
 - 8x TXD12M Turbo Sound
 - 4x JBL SRX 712M
 - 2x JBL Eon 615
- **System Drive**
 - 3x Lab Gruppen PLM10000Q (FOH AES or Analogue Input)
- **Foldback Amplifiers**
 - Lab Gruppen FP+6000Q 6000w
 - QSC PLX3602, 2 Ch
 - 2x QSC PLX3102, 2 Ch
 - 2x QSC PLX1802, 2 Ch
- **EQ / Limiter**
 - DBX 2231 Graphic Equalisers dual 32 band
- **FX**
 - Yamaha SPX 990

Cabling

- **Multicore**
 - 1x 75m Tour Grade Drum Mounted STP Cat5e Network Cable Reel
 - 1x 20mtrs Jands Stage Box 12 lines, 8 sends, 4 returns
 - 1x 8 Way 15 Meter Stage Drop Box
 - 2x 12 Way 15 Meter Stage Drop Box
 - 1x 45m Stage Box 40 Lines, 32 Sends, 8 Returns

Audio Notes

- FoH speakers rigged in fixed positions therefore **cannot** be moved

Playback

Item	Make	Model	Detail	Total
CD Player	HHB	Burnit Plus	Dual CD player with recording capabilities	1
CD Player	Denon	DN-D4500	Dual CD player	1
CD Player	Denon	2500D	Dual CD player	1

Microphones

Make	Model	Detail / Accessories	Use	Total
Shure	Beta 58	Microphone Clip	Vocals (Dynamic)	10
Shure	Beta 57A	Microphone Clip	Instrument	4
Shure	SM57	Microphone Clip	Vocal (Condenser)	7
Shure	MX391	Microphone Clip	Supercardioid boundary	6
Shure	SM86	Microphone Clip	Vocal	2
Shure	SM58	Microphone Clip	Vocal	4
Shure	MX202B/C		Over Head Chorus	6
Shure	Beta 52A		Kick Drum	2
Shure	Beta 56A		Instrument	3
AE	5100	Microphone Clip	Cardioid Condenser	6
AKG	C451B	Microphone Clip	Cardioid Condenser	3
Shure	UXLD System	UXLD2/Beta58 Q Audio D12DE Single Ear worn Microphone	Wireless Microphone	6

Accessories

Item	Model	Detail / Accessories	Total
DI	Connect EDB1		7
DI	Whirlwind EDB1		2
DI	Klark Teknik DN100		4
Splitter	Whirlwind IMP		1
Microphone stand	K&M – tripod base	With boom arm	18
Microphone stand	K & M 259	Short With Boom Arm	10
Microphone stand	K&M – tripod base	Short stand	3
Microphone stand	Round base	Straight stand	4
Microphone stand	Round base	Table stands	2
Speaker Stands	K & M 21435	Covers	4
Speaker Stands	Tripod base		2
Music Stand Light	K & M Mighty Bright	Led Battery	10

Line Patching

Location	Quantity	Numbering	Detail
PS behind Proscenium	16	1-12 A,B,C,D	12 sends, 4 returns
OP behind Proscenium	16	13 – 24 E,F,G,H	12 sends, 4 returns
Orchestra Pit	39	25- 60 I,J,K,L	35 sends, 4 returns

Speaker Patching Powered

Location	Quantity	Numbering	Detail
PS	4		2 sends, 1 return - all speakon
OP	4		2 sends, 1 return – all speakon

AUDIO VISUAL

- **Projector**
 - 1x Epson EB- 1965 LCD 5000 Lumens
- **Projection Surfaces**
 - Draper Cinefold Truss Front or Rear Projection
 - Size: 2740mm X 4880mm
 - HDTV Format 16:9 Ratio
 - Cyclorama front projection *Usable space W 9000mm x H 4950mm*
- **Rigging**
 - A cradle on fly bars
- **Cabling**
 - VGA
 - DVI
- **Operation point**
 - UTP extenders allow operation point from stage, off stage or control position

BACKSTAGE

Communications

- **Stage Managers Desk**
 - Prompt corner and is fitted with a light, talkback, paging and tv monitor.
- **Talkback**
 - ClearCom Party line system
 - 9 x Belt packs with headsets
- **Patching**
 - SM Desk [Master unit]
 - 3x Bio Box Sound
 - Control
 - FoH Bridge
 - Orchestra bridge
 - OP Stage
 - Fly's
 - Orchestra Pit
- **Paging / Show relay**
 - Paging to the dressing rooms is from the Stage Managers Desk
 - Show relay is distributed to all dressing rooms. Each room has individual volume control
- **Laundry / Wardrobe**
 - Washing Machines **Speed Queen**
 - Dryers **Speed Queen**
 - Drying rooms **N/A**
 - Iron / ironing board **(1) iron, (1) ironing board**
 - Clothes racks **(3) portable racks**

Dressing Rooms

Dressing Room	Capacity	Toilets	Shower	Wash basin	Details
Dressing Rm #1	1	Yes	No	Yes	Shower facilities located in stage level bathrooms
Dressing Rm #2	2 - 3	No	No	Yes	Toilet and shower facilities located in stage level bathrooms
Dressing Rm #3	4	No	No	Yes	Toilet and shower facilities located in stage level bathrooms
Dressing Rm #4	4 - 6	Yes	No	Yes	Shower facilities located in stage level bathrooms
Dressing Rm #5	4 – 6	No	No	Yes	Toilet and shower facilities located in upper dressing room level bathrooms
Dressing Rm #6	4 - 6	No	No	Yes	Toilet and shower facilities located in stage level bathrooms

Production Facilities

- **Production Desk**
 - Available upon request to Technical and Production Coordinator
- **Production Office**
 - No
- **Phone**
 - Access to phone in Production and Operations office.
- **Access to phone for internet access**
 - Wireless Internet Access available on request

Greenroom

- Tea / Coffee facilities **Yes**
- Fridge / freezer **Yes**
- Microwave **Yes**
- Running water **Yes**

Stage Door

- Stage door is located at the rear of the building near the corner of Tarcutta and Morrow Streets

ADDITIONAL FACILITIES & INFORMATION

Orchestral

- 8 x Music Stands
- 10 x Sconces
- 20 x Armless chairs with backrest
- Yamaha adjustable piano stool
- Yamaha piano seat
- Drum stool
- Yamaha CF 9 foot Concert Grand Piano tuned to A440

Staff Contacts

Venue Manager	Carissa Campbell
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Technical & Production	Lea Collins
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Venue Coordinator	Alissa Whittington
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Box Office	
Phone Number	(02) 6926 9682
Email Address	boxoffice@wagga.nsw.gov.au

Venue Plans

Venue Plan Available

Yes Floor Plan
 Standard Rig

Venue Section Available

No

Venue Information

Based in the Civic Precinct on the banks of the Wollundry Lagoon, the Wagga Wagga Civic Theatre is a main focus of cultural activities within the community. The theatre attracts a great variety of National and International Touring shows as well as many local events.

The Civic Theatre operates a 488 seat theatre space and has two foyer spaces that are also available for theatre functions, product launches, presentations, meetings and cocktail functions.

The Amphitheatre and Open Space areas surrounding the Civic Theatre provide a great area for a variety of outdoor events such as 'Farmers Markets', 'Twilight by the Lagoon' music series, weddings, fundraising events and corporate functions.

The Civic Theatre runs its own Booking Office that provides a comprehensive ticketing facility for all Civic Theatre performances as well as local shows and events.

A core team of 6 people run the Theatre, which is owned and operated by council. There is a number of casual staff who work in the Technical, FoH and Administration departments.

The venue is situated in the heart of town and is in walking distance to a wide variety of restaurants, cafes, supermarkets, accommodation, pubs and great shopping.