

RIVERINA PLAYHOUSE

TECHNICAL SPECIFICATIONS

*Riverina Playhouse
8 Cross St, Wagga Wagga NSW 2650
Updated 04/08/26*

VENUE INFORMATION

Located on the banks of the Murrumbidgee River in the heart of Wagga Wagga, the Riverina Playhouse was originally built in 1986 through a partnership between Charles Sturt University and the local professional theatre community. The venue has long been a centre for arts, culture and community engagement and today is owned and operated by Wagga Wagga City Council and continues to host a diverse range of performances and events.

The Playhouse features an intimate 211-seat tiered thrust-stage auditorium, renowned for its excellent sightlines and close connection between performers and audiences. The venue presents theatre, musical theatre, music performances, dance productions, conferences, seminars, community events and corporate functions, attracting both local organisations and touring productions.

Following a \$3.5 million refurbishment completed in 2018, the Playhouse offers contemporary facilities for performers, presenters and patrons. Venue amenities include a green room, two dressing rooms accommodating up to 12 cast members, a comprehensive lighting grid, modern lighting and sound control systems, and a versatile foyer space suitable for meetings, launches, networking events and cocktail functions.

A dedicated team of technical, venue operations and front-of-house staff support the successful delivery of performances and events, providing professional expertise to ensure a seamless experience for organisers and audiences alike.

The Riverina Playhouse is within easy walking distance of restaurants, cafés, accommodation, shopping and other city attractions. Combining modern facilities with an intimate atmosphere and a rich cultural heritage, the Riverina Playhouse continues to serve as a leading destination for arts, entertainment and events across the Riverina.



VENUE CONTACTS

Technical Coordinator

Russell Stewart – ‘Rusty’

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Venue Coordinator

Ainsley Jenkins

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ADDITIONAL CONTACTS

Venue Manager

Claire Harris

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Box Office

Isobel MacCallum

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Venue: Riverina Playhose

Address: 8 Cross St
Wagga Wagga NSW 2650
Duty Technician: 0474 184 154 (show days only)



STAGE

Brief Stage Description:

The stage is unraked with a MDF floor forward of the proscenium arch and concrete slab from the proscenium arch to the rear wall. The stage surface area is sheeted with 4.86mm Tempered Masonite painted black. The rear stage wing area surface is concrete painted black. The stage has no flying facilities. Screwing into surface permitted, but large holes to be authorised by the Technical Coordinator.

Stage rake **No**

Stage Dimensions:

Thrust Stage

Width **7980mm widest edge downstage of setting line**

Height **5000mm**

Setting Line

Upstage edge of Proscenium **7300mm**

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

SL to DS edge of apron **6010mm**

SL to last upstage hanging bar **7063mm**

SL to rear wall **6063mm**

CL to OP wall (or obstruction) **3645mm**

CL to PS wall (or obstruction) **33645mm**

Auditorium:

The auditorium consists of 4 banks of stalls with 2 aisles allowing access from top row to bottom row and 2 aisles allowing access to middle stalls of the middle 2 banks.

There are 4 seats that can be removed in the first row for wheelchair seating and there are multiple seats that can be removed in the top row for wheelchair seating. There is a hearing loop through the auditorium for the hearing impaired.

Seating capacity **211**



RIVERINA PLAYHOUSE

Hanging Plot:

SL: Setting Line as indicated previously

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

WLL: Maximum distributed load including bar weight

Line #	Distance from SL	Line Type	WLL*	Venue Allocation	Intended Use (hiring company use)
1		DH	240kg	LX1	
2		DH	320kg	LX2	
3		DH	400kg	LX3	
4		DH	560kg	LX4	
5		DH	560kg	LX5	
6		DH	560kg	LX6	
7		DH	340kg	LX7	
8		DH	300kg	LX8	
HC				House Curtain	
9		DH	340kg	LX9	
10		DH	340kg	LX10	
11		DH	340kg	LX11	

Drapery:

Type	Material	Colour	Width	Height	Quantity
House Curtain	50% Fullness, IFR Wool	Black	5000mm	4890mm	1 pair
Borderette	50% Fullness, IFR Wool	Black	5000mm	400mm	1
Midstage Tabs	50% Fullness, IFR Wool	Black	5000mm	4790mm	1 pair
Upstage Tabs	50% Fullness, IFR Wool	Black	6000mm	4840mm	1 pair
Legs 1	IFR Wool	Black	5350mm	5500mm	2
Legs 2	IFR Wool	Black	3000mm	4630mm	2
OP Mez Drape	50% Fullness, IFR Wool	Black	10300mm	2650mm	1
PS Mez Drape	50% Fullness, IFR Wool	Black	5800mm	2650mm	1

Access Equipment:

Ladders

- (1) 4700mm Aluminium A-frame platform ladder
- (1) 3000mm Aluminium A-frame ladder
- (1) 1000mm Aluminium A-frame ladder



Staging Units:

- (5) Prolyte staging decks 1000mm x 2000mm (non-carpeted)
- (1) Prolyte staging decks 1000mm x 500mm (non-carpeted)

Stage Covers:

Style	Carpet
Dimensions	Various
Colour	Black/Grey

Safety Curtain:

Safety Curtain installed **No**
House Curtain must be unobstructed at all times **Yes**

Loading Dock:

Access
Loading dock access is located on Cross St. Trucks able to reverse up to loading dock.

Loading Dock Height **400mm**

Dock Door Dimensions **3600mm** High
 2950mm Wide

Restrictions / Obstructions

The loading dock driveway is dirt and gravel

Vehicle Parking:

Touring vehicles can remain in the loading dock for the duration of their hire period.
There is ample (100+) unrestricted public parking around the front of the Playhouse.

Additional Rigging Notes

Limited rigging gear is available in house.

Staging Notes:

We require a comprehensive risk assessment to be completed during pre-production for all shows and events. The Risk Assessment needs to consider the risks associated with your specific event. It should be delivered to the Technical Coordinator at least thirty days before the event.

All set pieces must be treated with flame retardant.



LIGHTING

Positions:

The Playhouse grid is a standard fixed 48mm pre-wired pipe grid of 11 LX bars. Each bar is wired with patch points and DMX. It can be access via stairs from upper OP backstage area.

Note: A maximum of 3 persons may be on the grid at any given time.

LX Bars

LX bars are dead hung and cannot be moved

All LX bars have 2 DMX outputs that can be individually patched as required in the lighting bio box

See hanging plot for standard LX bar locations

Control:

Primary console **GrandMA3 Compact XT**

Control channels **8192 / 16 universes**Signal output **DMX 512**

Signal distribution **4 x LSC 10-way DMX splitters (Ethercon connectors)**

Remote riggers available onstage **Yes – iPad**

Secondary console **ETC Ion 1000 with 2 x 20 Fader Wings** (Software version 2.9.1.72)

Control channels **1024 / 2 full universes**

Dimmer Racks:

Total Dimmers 72

Dimmer Locations **Dimmers located in Lighting Bio Box.**

10amp Dimmers 3 x 24ch Jands HUB XCD

House Lights:

Independent control	Yes – Upon request
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Control positions **Rear auditorium wall**

Fade time adjustable **Yes – If programmed through lighting console**

Fixed Address **Yes – DMX channels**



RIVERINA PLAYHOUSE

Stage Luminaire:

Profiles

Make	Model	Angle	Detail / Accessories	Watt	Total
ETC	Source 4	15/30	Gel Frame	750w	18
ETC	Source 4	25/50	Gel Frame	750w	11
ETC	Source 4	70	Gel Frame	750w	4
ETC	Source 4	36	Gel Frame	750w	1
ETC	Source 4	26	Gel Frame	750w	1
ETC	Source 4	25/50	Gel Frame	575w	19
Selecon	Pacific		Base only	1000w	14
Selecon	Pacific	23/50	Lens tube only, Gel frame		14

Fresnel's

Make	Model	Detail / Accessories	Watt	Total
ETC	Source 4	Barn doors / gel frame	1000w	26

Par Cans

Make	Model	Angle	Detail / Accessories	Watt	Total
ETC	Source 4 PAR	W,M,N	Gel Frame	1000w	12
ProShop	Quad-12	25	RGBMA LED	96w	8
ProShop	Quad-18	25	RGBMA LED	96w	12

Movers

Make	Model	Control Channels	Detail / Accessories	Watt	Total
Robe	Colour Spot	26, 28, 31, 34, 36	CMY, Gobo Wheel	930v	2
Martin	Mac 700	23, 31	CMY, Gobo Wheel	250v	2

CYC / Flood

Make	Model	Control Channels	Detail / Accessories	Watt	Total
Vari-Lite	PLCYC	5, 9, 15	RGB LED	140w	8

Additional Lighting:

Item	Make	Model	Detail / Accessories	Watt	Total
Hazer	Look Solutions	Unique 2	DMX / Standalone	1500w	1
Uplights	Showpro	Truss Mate	Battery(8), DMX	9w	10
Mirror Ball		30cm	Mirror ball motor		1
Mirror Ball		40cm			1

RIVERINA PLAYHOUSE

Accessories

Item	Size	Detail / Accessories	Total
Selecon Pacific Gobo Holder	A		4
Selecon Pacific Gobo Holder	B		4
Universal Gobo Holder			
Selection of gobos		Various Rosco, and Lee	

Power:

3 Phase Outlets

(1) 32amp outlet in the loading dock

Distros

(1) 6x15A 32a Distro

Cabling:

240v Extension Cable

The theatre has a good stock of extension leads to accommodate the venue's standard lighting rig. Any additional equipment will require additional cable stock to be sourced.

DMX

The theatre has a good stock of extension leads to accommodate the venue's standard lighting rig. Any additional equipment will require additional cable stock to be sourced.

Booms / Floor:

(4) 600mm square boom bases

Lighting Notes:

Standard rig is patched across 2 universes.



AUDIO

Control Positions:

- Primary**
Bio Box rear of the auditorium.
- Other**
Rear stalls of the auditorium

Control & Amplification:

- Primary Mixer**
Yamaha QL5: Inputs - 32 x XLR, Outputs – 16 x XLR (plus 64 DANTE channels)
- IO**
 - (1) Yamaha Rio1608 (portable)
 - (1) Yamaha Ri8
- Amplifiers**
 - (4) Yamaha P7000 – Mains
 - (1) Yamaha T5N – Subs
 - (3) Yamaha P7000 - Foldback

Speakers:

- FOH Speakers**
 - JBL
 - (4) JBL AM7212 Mains
 - (2) JBL SRX728S Subs
- Speakers**
 - (6) JBL SRX812
 - (2) JBL SRX 412M

Playback:

Item	Make	Model	Detail	Total
CD Player	Tascam		CD Player	1
Apple Computer	MacBook Neo	Qlab 4	DANTE Controller	1



RIVERINA PLAYHOUSE

Microphones:

Make	Model	Detail / Accessories	Use	Total
Shure	Beta 58	Microphone clip	Vocal dynamic	6
Shure	SM57	Microphone clip	Instrument	4
Shure	Beta 91A		Kick drum	1
Sennheiser	E614	Microphone clip	Instrument	6
Sennheiser	E935		Vocal dynamic	3
AKG	D112e			1
Shure	MX418		Lectern	2
Shure	ULX-D2 / Beta 58	ULXD4 receivers	Wireless Mic	6
Shure	ULX-D1 bodypack		Wireless Pack	6
JAG	IMX6A	Headset, TA4F Connector	Wireless Headset	2
Shure	WL184M	Lapel clip	Wireless Lapel	2

Accessories:

Item	Model	Detail / Accessories	Total
DI	Radial J48		5
DI	Radial ProD2		1
DI	Radial ProAV2		3
Microphone stand	K&M – tripod base	With boom arm	13
Microphone stand	K & M 259	Short with boom arm	11
Microphone stand	Round base	Straight stand	4
Drum screen		Clear perspex	1

CAT6 DANTE Patching:

Dante patching is available on both Pros walls, edge of the stage apron, lighting bio box and rear of the stalls.

All patching is connected to a switch in the audio bio box.

Speaker Patching:

Speaker patching is available for foldback on both Pros walls and the edge of the stage apron.

Cabling:

Audio Cable

The theatre has a good stock of cable to accommodate the venue's equipment.

Multicore

(1) 8-way 15m stage drop box 8 lines: 8 sends

Audio Notes:

FOH speakers rigged in fixed positions therefore cannot be moved

Maximum audio levels at FOH Ops should not exceed 94dBA.

AUDIO VISUAL

Projection Room:

N/A

Projectors:

Type	Model	Detail / Accessories	Total
Sony	VPL-FHZ58	Rear projection on the main screen	1
Mitsubishi	FD630U	Front projection on to side screen	1

Screens:

Projection Screen

Stumpfl Monoblox front or rear projection

Screen dimensions **5000mm x 3000mm, 16:9**

Additional Screens

Pull down screen on the OP Pros wall

Screen dimensions **3000mm x 2000mm, 16:9**

AV Equipment:

Item	Model	Detail / Accessories	Total
Apple Computer	MacBook Neo	Qlab 5	
Decimator HDMI/SDI	Various		
Blackmagic 12x12 SDI switch	VideoHub 12		

Patching:

Location	Type	Numbering	Detail / Accessories
LX1	Input	1	Relay Camera
LX3	Output	2,3,4	2-Side screen projector
LX11	Output	5	
Stage floor OP	Input	6	
Stage floor centre	Output	7	
Stage floor PS	Input	8	
Pros OP	Input	9	
Pros PS	Input	10	
SM Desk	Output	11	SM Desk relay monitor
Mez rear wall	Output	12	Main screen projector
Box Office screen	Output	13	
Bar screen	Output	14	
Sound Bio Box	Input	15	
Sound Bio Box	Output	16	
Lighting Bio Box	Input	17	
Lighting Bio Box	Output	18	

Projector Rigging Points:

Sony projector is mounted in a fixed position on the mezzanine for rear projection on to the fast fold screen positioned at the setting line
Mitsubishi projector is mounted in a fixed position under the lighting grid for front projection on to a wall mounted screen positioned on the OP pros

Cabling:

We have a limited supply of HDMI and SDI cable.

Audio Visual Notes:

HDMI – SDI converters allow computer operation from LX/SND consoles, SM desk and on stage.

BACKSTAGE

Communications:

Stage Managers Desk

Stage Managers desk is located in prompt corner. The desk can be moved within this area and is fitted with a light and TV monitor.

Talkback

Master Unit	Clear Com Partyline
Total sub stations	(6) Wired belt packs, (6) Wireless belt packs
Total headsets	
Talkback patching located at:	Stage Manager’s Desk (Master station)
	FOH Control Position

Paging / Show Relay

No backstage paging or show relay is available.

Stage Monitor

Show relay camera is patched via the SDI matrix. A monitor is provided at the SM desk for show relay.

Q Light System

In house Q light system available	No
Number of units	N/A



RIVERINA PLAYHOUSE

Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Dressing Rm #1	4	1	1	West
Dressing Rm #2	5	2	1	East, walkthrough from greenroom to stage

Laundry / Wardrobe:

Washing Machines	N/A
Dryers	N/A
Drying rooms	N/A
Iron / ironing board	(4) Irons, (2) Ironing Boards
Clothes racks	(3) Dressing rooms have permanently installed clothing racks

Production Facilities:

Production Desk

Production desk set at the rear of stalls (Row F), table accommodates 2 people with lighting console.

Production Office

No

Phone

No

Fax

No

Internet Access

Wireless network backstage

Greenroom:

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

Stage Door:

Access

Stage door is located on the north side of the building off Cross St. Access through stage door is only available during agreed access times. All staff and artists are to enter and exit the venue via stage door.

Accessible Access

There is a wheelchair lift to access the accessible seating in the rear stalls. Accessible seating in the front row is at ground level.



ADDITIONAL FACILITIES & INFORMATION

Orchestral:

- (1) Yamaha T121 PE upright piano
- (1) Yamaha piano seat

Staffing and Scheduling Requirements:

Event requirements are due 30 days prior to venue hire.

Venue Plans:

Venue Plan Available

Yes – Can be emailed on request

Venue Section Available

Yes – Can be emailed on request

