

Roslyn Packer Theatre

Walsh Bay

22 Hickson Road,
Walsh Bay
**Technical and Production
Information**

Sydney Theatre Company
PO Box 777
Millers Point NSW 2000 Australia

Please direct all inquiries to:

Phone +61 2 9250 1941

Fax +61 2 9250 1940

techincal@roslynpackertheatre.com.au

The information contained in this document is based on current information.

While every effort is made to be as specific as possible some changes will no doubt occur.

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GENERAL INFORMATION

Roslyn Packer Theatre is a medium sized proscenium arch theatre, particularly suited to medium scale dance, dramatic and musical productions. The walls and floor of the auditorium are timber, stained dark blue.

The seats are made of birch timber and upholstered in dark blue fabric. The auditorium ceiling is plaster and prohibits any penetrations or attachments.

Seating

The maximum seating is 896. When the optional stage extension / orchestra pit is in use, the seating capacity is reduced by 41.

Accessibility

The Theatre auditorium and backstage areas are wheelchair accessible.

Load-in Area

The loading dock is accessible by articulated vehicles reversing in from Hickson Road. Max Headroom: 4.2 meters. Dock leveler is available. A second parallel loading directly to and level with stage is also available (shared) and extends from dock along ground level passage measuring some 35 meters, turning left to stage another 15 meters to STAGE RIGHT (OP). The second loading has restricted headroom of 2.4m. Roslyn Packer Theatre stage is located at ground level.

Direct entry to stage is also available from Hickson Rd at street level via double doors up-stage LEFT (PS) measuring 3 meters in width by 4 meters high. NOTE: This entry and exit will be subject to restricted use by application to Roslyn Packer Theatre Technical Management.

Parking

There is no parking space allocated to the theatre and all vehicles must be taken off site.

Workshop Space

The Theatre has minimal workshop space, however support staff may be available to assist with emergency repairs.

Storage Space

There is very little storage space in the Theatre. Scenery may be installed in the theatre and remain for the season, however there is little provision for storage beyond this. Empty road-cases etc. may be required to be taken off-site.

STAGE SPECIFICATIONS

The proscenium arch is adjustable by means of a black teaser, giving an opening from maximum 12m wide & 8m high to a minimum 12m wide & 5.5m high. DS of the false proscenium there is a decorative false proscenium, with a set 12m wide & 8m high opening. The decorative proscenium is a concave quadrant in charcoal grey with slatted detail.

Stage Dimensions

Adjustable Proscenium Teaser in black

Maximum opening

Height	8m
Width	12m

Minimum opening

Height	5.5m
Width	12m

Decorative Proscenium opening

Height	8m
Width	12m

Structural Proscenium opening

Height	10m
Width	14m

Stage Width

Between side walls DS #23	21800mm
Between Fly Galleries	18600mm
Apron	12m
Stage extension / pit	13m (downstage)

Stage Depth

Apron to Setting Line	810mm @ centre
Apron to last fly set	12.4m
Apron to stage extension / pit	2m @ sides to 3m @ ϕ (Curved)

Stage Heights

Above auditorium floor	1.2m
Stage to Grid	21.290m
Stage to Sub-stage floor	3750mm
Stage to underside of fly gallery #1	8m
Stage to underside of fly gallery #2	14.6m
Stage to underside of Juliet balconies PS & OP #1	2.85m
Stage to underside of Juliet balconies PS & OP #2	5.6m

Stage Floor

Surface

Steel framed demountable floor above sub stage (3m x 1m sections running D/S – U/S). Demountable portion and off stage are all the same steel frame construction. 2 layers of 21mm plywood with a hardboard (9mm Weathertex) overlay.

Demountable portion 12m x 8.9m is 2.1m US of apron (1200mm US of Setting line)

Demountable plan on request from the Head of Technical

Traps etc

Access to sub stage with traps may be gained by removing demountable stage sections by arrangement. Please note that stage must be made good, at hirer's cost. immediately following the season.

Tarkett (Vinyl Dance Floor)

HARLEQUIN STUDIO covering (black) for stage and for Richard Wherrett Studio are available by arrangement.

Stage Rake

0 degrees (flat)

Maximum Loading

7.5kPa uniform loading and 20kN concentrated load over 400mm x 400mm. Note: (forestage lifts are only 10kN point load)

Stage complies with Section B part B1 of the Building Code of Australia Vol 1 2013

STAGE MACHINERY

Stage Extension or Orchestra Pit

There are three separate platforms that can be moved as one unit or as three individual units. The SERAPID lifting system is based on rigid chain technology. Each lift will support a static load of 7.5kPa uniformly distributed and withstand a maximum point load of 10kN. Maximum rated total safe working load of 6 tonnes for centre section and 3 tonnes for each side section. Fixed speed of 2.5 m per minute.

Means are provided to lock 3 lifts together for operation as one lift corresponding to presets of the centre lift.

Total vertical travel is approx. 3890mm.

NB; Lifts are not intended for use during performance.

There are 5 preset stopping positions:

Stage Level + 200mm	R.L 3100mm	As forestage ext'n with built-up stage.
Stage level	R.L 2900mm	As forestage extension
Auditorium Level	R.L 1700mm	As Main Floor (With seating)
Orchestra Pit	R.L 400mm	As working Orchestra Pit
Understage	R.L -790mm	Also chair store level

One extra programmable stop position spare included

Control is stage mgr's panel DSPS, portable pendant or at front panel lift switchgear cabinet at understage level.

Platforms

Centre Lift	6m wide @ stage apron
PS & OP lifts	2.8m wide @ stage apron
Depth	3m @ centre, 2m @ ends (curved DS face)

Flying System

Roslyn Packer Theatre has an extensive power flying system by Stage Technologies. The system is operated by Stage Technologies modular axis system combined with a Nomad Console complete with 3D graphical simulation of cues. The Nomad console is usually situated DSOP on the lower gallery but is relocatable, by arrangement, to operating positions on the other galleries. A Siemens riggers' control, able to control 4 axes simultaneously can be operated from stage level.

Battens

Each main stage scenery batten is 17.100m long, of 75mm x 50mm x 3mm RHS.

*Battens over forestage are 13.700m long.

54 sets @ 200 centres over main stage 20,250mm to underside of battens

Line 52-54 18,500mm to underside of battens

*6 sets @ 200 centres over forestage 20,250mm to underside of battens

4 sets for panorama bars (2 each side) 14,000mm to underside of battens

Each with a safe working load of 500Kg (speed limited) evenly distributed and 6 suspension lines per set

Point load maximum 150kg at any position on batten.

Variable speed:

Min 0.05m to 2.0m per second @ 250Kg

Min 0.05m to 0.5m per second @ 500Kg.

10 off spot hoists, (2 lines each 200mm apart) (vertical drop at any point of grid, Operated through Nomad console.)

Each with a safe working load of 250Kg

Variable speed:

Min 0.05m to 1.0m per second @ 125Kg

Min 0.05m to 0.5m per second @ 250Kg.

Spacing

The spacing between each line is 200mm. NB; positions of head blocks are not adjustable.

Hanging Plot

See addendum #1

STAGING EQUIPMENT / ACCESSORIES

A range of staging equipment and accessories are available for use in the Roslyn Packer Theatre.

House Curtain	Flown and / or French action – NOMAD controlled Blue Velvet
Drapes (Black wool serge)	6 flat borders 20m x 6m 6 pairs flat legs 4m x 10m 2 flat smothers 17m x 10m 1 pair flat tabs 10m x 10m 1 pair tabs (50% fullness) 10m X 10m Black sharktooth gauze 17.1m x 10m White (Bleached) sharktooth gauze 17.1m x 10m Cream front / rear projection cyclorama 17.1m x 10m {2 nd Cream front / rear projection cyclorama (slight water damage – Useful as bounce) 17.1m x 10m}
Orchestral Furniture	10 chairs 8 music stands with sconce lights.
Lectern	Roslyn Packer Theatre black lectern
Chairs	Various assorted
Trestle Tables	6
Dressing Mirrors with Lights	2 (portable)
Full Length Dressing Mirrors	2 (portable)
Wardrobe Racks	8 (portable)
Scenery Trolleys and Dollies	Various
Wire rope making	2mm, 4mm & 6mm flexible steel wire ropes can be swaged on site at hirer's cost.

STAGE LIGHTING FACILITIES

Control

The lighting control room is situated at the rear of the dress circle.

Consoles: ETC EOS 4k with RPU backup, ETC ION
2 x Strand 520i (1000 channel / 500 attributes)

Data Distribution:

Pathway Pathport nodes - total 32 DMX output ports.
CAT5e network for lighting control to various parts of the stage and auditorium terminating in the Lighting control room.

Power

All general and dimmed electrical power supplies are 240V AC @ 50 Hz.

40amp and 20amp 3 phase power outlets are located on each side of stage: on-stage, at substage, at both gallery levels, above grid and on auditorium Lighting bridges.

20amp 3phase outlets are also located at the production desk and sound operating pit positions in the auditorium.

Dimmers

All dimmers are JANDS HP 12SC & HP 6 SC dimmers, rated at 2.5kW and 5kW respectively.

There are 2 dimmer rooms:

Understage Level (Dimmer Room 1):

Jands HP 5kW Dimmers	36
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Level 3 (Dimmer Room 2):

Jands HP 5kW Dimmers	72
Jands HP 2.4kW Dimmers	492

Portable dimmer racks:

Jands HP 6 SC 5kW 6 way Dimmer Racks	4
Jands HP SC 2.4kW 12 way Dimmer Racks	12

House Lights

House lighting is provided by low voltage dichroic units. These are flush mounted in the auditorium ceiling. Decorative fibre optic lighting creates a 'star' effect on the auditorium walls and a 'glow' on ceiling panels.

House lighting control is through the lighting console.

Manual override of the House lighting can be achieved from Prompt Corner, lighting control room and FOH office.

Lighting Positions

	2.4K Dimmers	5K Dimmers
FOH 1 - Bridge 1	30	6
FOH 2 - Bridge 2	40	6
FOH 3 - Bar (rear dress circle)	24	6
FOH Circle bar	47	6
FOH Low Boxes Bar L&R	20	0
FOH High Boxes Bar L&R	16	0
FOH Box Booms	72	0
Proscenium Perches	36	0
Panorama Bars	0	0

Overhead Lighting Battens

All scenery battens are capable of being used for lighting bars. Please see **Stage Machinery for maximum load ratings**

Pre-wired lighting battens (E-bars):

3.5m x 48mmOD pipe with 10 x 10A + 2 x 20A dimmable circuits	24
Re-locatable multi-core cable reelers for E-bars (located at Grid level)	24

Ladders:

3m x 1m with adjustable rungs	6
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LIGHTING EQUIPMENT / ACCESSORIES

Luminaires

ETC Source 4 10° fixed beam profiles 750w (b size gobo)	30
ETC Source 4 14° fixed beam profiles 750w (b size gobo)	30
ETC Source 4 19° fixed beam profiles 750w (b size gobo)	50
ETC Source 4 26° fixed beam profiles 750w (b size gobo)	50

ETC Source 4 36° fixed beam profiles 750w (b size gobo)	50
Selecon Pacific 90° fixed beam profiles 600w (a size gobo)	10
Selecon Pacific zoom profile 5.5-13° 800w (a size gobo)	20
Selecon Pacific zoom profiles 12-28° 800w (m size gobo)	60
Selecon Pacific zoom profiles 23-50° 800w (a size gobo)	40
Selecon HP 7" 1.2 k PC 7-56°	40
Selecon HP 7" 1.2 k Fresnel 20-60°	40
Selecon HP 10" 2k PC 4.5-60°	30
Selecon HP 10" 2k Fresnel 8-60°	40
Strand Studio 5k Fresnel 12-60°	6
PAR 64 (Litecraft with scroller bar)	40 (MFL, NSP, VNSP)
PAR 64 240v cans	20 (CP60, CP61, CP62)
Cyc ground row (Strand Orion)	9
Cyc units (Strand quad)	9
Follow Spots (Robert Julliat "Korrigan")	2

Lighting Accessories

ETC Source 4 b size gobo holders	30
ETC Source 4 irises	14
Selecon a size gobo holders	20
Selecon b size gobo holders	20
Selecon m size gobo holders	10
Selecon Pacific Irises	16
Martin Magnum 800 Fog machine	1
Rosco 1700 Fog machine	1
MDG Atmosphere Haze machine	1

SOUND AND AUDIO VISUAL FACILITIES

The main reinforcement system in standard configuration is L / R with Centre, Fill and Delay A/B System, electronically tuned and delayed to deliver 110db SPL evenly throughout auditorium

Audio system inputs. 4x LK 54 16way multipin.

1x upstage, 1x orch pit, 1x OP and 1x PS. Patched to 32 tielines to Sound Position.

8x Soundweb outputs located at PS. 4 tielines back to Sound Control Room.

Loudspeakers

A/B SYSTEM – CENTRE

ALCONS AUDIO LR7 90/120 (FLYLINE #201, DS of Prosc)

A/B SYSTEM – FRONT FILL	GROVER NOTTING CR1 (Front of Stage & Orch Pit Front)
A/B SYSTEM – STALLS DELAYS	GROVER NOTTING CR1
FOH L / R – CIRCLE	NEXO PS15R2 (FLYLINE #203, in front of decorative proscenium)
FOH L / R – STALLS	NEXO PS15R2 (FLYLINE #203, in front of decorative proscenium)
SUB L / R	ALCONS AUDIO BF181 (located in Box Boom Doorway)
CIRCLE SURR L / R	NEXO PS8
STALLS SURR L / R	NEXO PS8
Optional - Circle Delay	Tannoy T300 (spaced under Lx bridge #2 (inner outer))
STAGE & FX SPEAKERS	3x MEYER CQ1
	4x MEYER UPJ-1P
	4x MEYER UPJnr

Amplifiers

ALCONS AUDIO	ALC 4 (5x)	Centre A/B, Subs L/R
NEXO	NXAMP 4x4	FOH L/R
QSC	CX 404	Front Fill & Stalls Delays
NEXO	NXAMP 4x4	Surround Speakers
QSC	CX 404	Stalls Delays

Processing Equipment

BSS Soundweb London 6 units
LEFT / RIGHT SUBS. CENTRE CLUSTER. FRONT FILL.
DELAYS. SURROUNDS. STAGE UNIT
Computer control of London System

Sound Mix Positions (x3)

Sound Control Room. Located at the back of Stalls.

FOH Mix Position 1. Located Mid Stalls, requires the removal of Seats #M14 – M21, #N14 – N21. 14 chairs removed and an Op's Surround placed around the position.

FOH Mix Position 2. Located Rear of Stalls, requires the removal of Seats #Q16 – Q19, #R15 – 19, #S16 – 19. 13 chairs removed and an Op's Surround placed around the position

Audio Consoles and Inputs.

- 1x Digico SD8
- 1x Digico MaDIRack 48in / 8 out
- 1x Digico SD8 24
- 2x Digico D-Rack 32in / 16 out
- 2x Digico LBB (Dante – Madi conversion)

Microphones (Available as additional hire)

- 1x Shure Beta 52A
- 4x Shure Beta 58A
- 4x Shure Beta 57A

4 x Shure SM58
2 x Shure SM81
2 x Neumann KMS 105
4 x Sennhieser 500 series G2 Radio mics 4x Handheld, 4 x Lapels
2 x A T 815b Shotgun Mics
4 x A T PRO 45 Hanging Mics 4
x A T ES 961 Plate Mics
4 x L A Audio 48v DI
8 x R O D E NT5 Condenser mics
1 x Meyer M88TG
3 x Sennhieser e815s Switch mics

Playback

2x Denon635 Cd Player
1x Tascam Da20 Mk11 DAT recorder
SFX digital playback/ control software
Stealth audio computer dual 3g

Music Stands with sconces

9 x Music stands + lights are available by arrangement.

Video Monitors, Video Replay, Projection

A small amount of equipment is available for hire by arrangement with Roslyn Packer Theatre Tech Mgt.

Edirol 440 HD vision mixer,

NEC NP 2000 projector,

NEC NP550 WG

5500 ANSI Lumens, 2000:1 Contrast

Ratio, Analogue/digital inputs inc. HDMI & DisplayPort,

NEC NPM311 WG

3100 ANSI Lumens, 2000:1 Contrast Ratio 2.9 kg,

VGA and HDMI, Image transfer and control through

RJ45,

10' x 14' front projection screen

2.2m by 3.9 m 16:9 front or rear projection screen

6m x 4m 16:9 front projection screen

Closed Circuit Television

CCTV cameras are located;

FOH (Front view of Stage)- feeds SMD, BOH and Foyer monitors

Orchestra Pit (Conductor)- Feeds SMD monitor

Fly Galleries PS & OP Views of fly-tower – Low-light capability - Feeds Fly operator monitors

Assorted TV monitors available

Stage Manager's Desk

The SMD is relocatable to positions either side of the proscenium. Audience, foyer and backstage paging are operated from the desk. Headset communication and cue lights are operated from the SMD. 2 x CCTV monitors are provided.

Headset Communications

Wired headset outlets are provided throughout the stage and technical areas.

8 x Radio headsets are available. Roslyn Packer Theatre Head Mechanist, Head Flyman and Head Electrician will each require use of one of these during performance.)

RECORDING AND BROADCAST FACILITIES

Professional Audio Recording

Please note that any recording is subject to Roslyn Packer Theatre approval. Fees and staff allowances may apply.

Archival Video Recording

Please note that any recording is subject to Roslyn Packer Theatre approval. Fees and staff allowances may apply.

Professional Video Recording

Please note that any recording is subject to Roslyn Packer Theatre approval. Fees and staff allowances may apply.

Outside Broadcast

There are OB van points at the entrance to the loading dock:

Each van point is equipped with;

40amp 3phase outlet

63amp 3 phase outlet

Data and DMX outlets

Comms outlets

Presenters are encouraged to examine the OB facilities on-site before committing to an OB design.

BACKSTAGE FACILITIES

Dressing Rooms

The Roslyn Packer Theatre has 8 x 4 person dressing rooms, each with toilet and shower facilities.

Portable beds, linen and towels are available on request.

The 'Orchestra Assembly room is located at basement level and accommodates up to 20 musicians.

Wardrobe Area

There is a wardrobe, hair and make-up room adjacent to the dressing rooms, close to the actors' stage entrance.

The laundry and wardrobe maintenance rooms are accessed from the passage which connects the stage door to the dressing room area. The laundry is equipped with 2 industrial washing machines, tumble driers, a steamer and ironing facilities. Arrangements for dry-cleaning can be made with Roslyn Packer Theatre Technical Management, using our preferred contractor. The wardrobe maintenance room is equipped with costume rails, a sewing machine, cutting table and basic dressmaking equipment.

A limited number of portable wardrobe racks are available on request.

Green Room

The Green Room is located one level above the Theatre stage. It is for the exclusive use of artists, crew, staff and their visitors. All visitors must be signed in at Stage Door and escorted to the Green Room by the host artist. Basic food and beverage preparation equipment is provided. Hirers are asked to keep the green room kitchen area clean and wash-up used crockery/ cutlery.

Rehearsal Rooms

The Richard Wherrett Studio is located at the end of the Scenery Storage area and is accessible from the Scenery Store, dressing room corridor and ground level foyer areas.

The room is equipped with a basic static lighting grid. The Northern wall of the room is mirrored with ballet barres. The mirrors can be covered using tracked drapes. A vinyl dance floor is available (Harlequin Studio)

The rehearsal room is 13m x 11m, mimicking the playing area of the stage.

The Rehearsal Room and the Ruth Cracknell Room (Function Room) on level #1 of the backstage area may be used for warm-ups etc. subject to availability.

Any installation of scenery into the rehearsal room must be approved by Roslyn Packer Theatre Technical Management.

Security

All access to backstage is via Stage Door, located at the far end of the loading dock corridor.

Stage door can be manned, at hirer's expense, if required. A stage door attendant is mandatory if the visiting company comprises in excess of 12 people.

Security in the theatre is monitored by a system of movement sensors and closed circuit video cameras.

Access is controlled by a combination of key and swipe card activated door locks. Keys and swipe cards allowing area specific access will be issued to users of the theatre as required. Prior notice of names and duties of personnel needing access is required, in order that cards and keys can be prepared for collection on arrival. A replacement fee will be charged for any keys or swipe cards not returned.

Guests must be collected and signed in at Stage Door by their host and remain in the company of the host at all times. For safety and security reasons, guests are not permitted on the stage, side-stage, sub stage or in the auditorium without prior arrangement with Roslyn Packer Theatre staff. Swipe card controlled doors will sound a shrill alarm if held open for too long. Please see Roslyn Packer Theatre staff to temporarily disarm these alarms should a door require to be held open for the passage of goods etc.

HOUSE RULES

All users of the Roslyn Packer Theatre must;

- Agree to comply with Roslyn Packer Theatre's Work Health and Safety Policies. (Attached)
- Provide risk assessment documentation for any identified hazards, which relate to any part of the production or intended activity in Roslyn Packer Theatre. (Risk assessment forms can be obtained from Roslyn Packer Theatre Management.)
- Provide risk assessment documentation and Material Safety Data Sheets (MSDS) for any hazardous substances to be used in Roslyn Packer Theatre. Including but not limited to; Smoke effects, pyrotechnic effects, flame, cigarettes smoked on stage, paint and scenic treatments, dust, water.
- Ensure that any electrical equipment brought into Roslyn Packer Theatre is safety tested and bears a current tag as approved by Workcover NSW. (Roslyn Packer Theatre can provide testing and tagging services at the hirer's cost.)
- Ensure that any flammable equipment/scenery brought into Roslyn Packer Theatre is treated with an appropriate fire retardant and that MSDS documentation regarding the fire retardant treatment is provided.
- Not operate any Roslyn Packer Theatre equipment without approval from Roslyn Packer Theatre Management.
- Not smoke any substance on the premises.
- Not eat or drink on the stage or side-stage areas.
- Enter and exit the building by The Stage Door. Access to the backstage areas through Front of House areas is not permitted.
- Not enter areas designated; "Authorised Personnel Only" without approval from Roslyn Packer Theatre Management.
- Seek approval from Roslyn Packer Theatre Management for any modifications or penetrations to the fabric of the theatre. Any approved modifications must be restored and made good at the end of the season at the hirer's cost.
- Seek approval from Roslyn Packer Theatre Management for any recording, audio and/or visual. Fees and staff allowances may apply

Hanging Plot: House standard rig

Line #	Distance from SL	W.L.L	Venue Allocation	Intended Use <i>(hiring company use)</i>
1		500kg		
2		500kg		
3		500kg	Lx 1	
4		500kg		
5		500kg		
6		500kg		
7		500kg		
8		500kg	Border 1	
9		500kg	Legs 1	
10		500kg		
11		500kg		
12		500kg		
13		500kg	Lx 2	
14		500kg		
15		500kg		
16		500kg		
17		500kg		
18		500kg	Border 2	
19		500kg	Legs 2	
20		500kg	Flat Tabs	
21		500kg		
22		500kg		
23		500kg	Lx 3	
24		500kg		
25		500kg		
26		500kg		
27		500kg		
28		500kg	Border 3	
29		500kg	Legs 3	
30		500kg		
31		500kg	Smother	
32		500kg		
33		500kg	Lx 4	
34		500kg		
35		500kg	Full Tabs	
36		500kg		
37		500kg		
38		500kg	Border 4	
39		500kg	Legs 4	
40		500kg		
41		500kg		
42		500kg		
43		500kg	Lx 5	
44		500kg		
45		500kg		
46		500kg		
47		500kg		
48		500kg	Border 5	
49		500kg	Legs 5	
50		500kg	Smother	

Line #	Distance from SL	W.L.L	Venue Allocation	Intended Use <i>(hiring company use)</i>
51		500kg	ST Cyclorama	
52		500kg		
53		500kg		
54		500kg	Lx 6	
			Panorama Bars	
301		500kg		
302		500kg		
303		500kg	Pan masking	
304		500kg	Pan masking	
			Apron/Forestage Bars	
201		500kg	Sound Centre A/B System	
202		500kg	Decorative Proscenium	
203		500kg	Sound PA L/R System	
204		500kg		
205		500kg	Decorative Proscenium	
206		500kg		
101		500kg	House Curtain	
102			French Action for House Curtain	