



RANDALL THEATRE – TECHNICAL SPECIFICATIONS

RANDALL THEATRE

44 St Martins Lane
South Yarra, Vic 3141

Technical Specifications 2011



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STAGE DETAILS

Width:	14,700mm from wall to wall 12,500mm fly floor to fly floor 7,000mm actual within line of masking/legs
Depth:	8,600mm from setting line to rear wall column 10,400mm from lip of apron to rear wall column 7,700mm from US proscenium wall to rear wall column
Height:	1,012mm from auditorium level to stage level 9,500mm to underside of grid 8,600mm to underside of grid at rear of stage
Floor:	Sprung timber floor overlaid with tempered masonite, painted in stage black. No items are to be fixed to the floor without prior approval from venue management
Proscenium Arch:	4,000mm high x 6,980mm wide
Loading Dock:	Located Upstage, prompt side (rear wall). Double doors opening inward, 1,995mm (w) x 3,930mm (h) NOTE: Dock doors are +2,360mm above street level. Laneway access is restricted to 3tonne truck or smaller.
Orchestra Pit:	7,620mm wide x 1,100mm at ends – 2,160mm at centre x 1,600mm deep. Access via dressing room #3. Pit is suited to small band (approx 4-5piece) only. The use of the pit requires the removal of forestage – this must be organised with venue management at least four weeks prior to the hire. Costs to remove and restore forestage will be charged to hirer. \$POA



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Thrust: Stage can be extended out a further 3500mm from the front end of apron.
 Note: Thrust requires removal of first three rows of seating. Use of thrust \$POA.

FLYS AND STAGE CLOTHS

Hand lines: As of July 2011 all hand lines onstage are decommissioned and will remain static at set heights until further notice.
 St Martins recognizes the limitations this places on hirers use of the stage and are working in conjunction with Arts Victoria to improve the fly facilities.
 Bars on hand lines are as follows & highlighted below;

- 3x sets of legs
- 2x tabs (tracked/traveller)
- 4x lighting borders
- 2x Spare bars
- Cyclorama

Line	Type	Distance from Setting Line
0	Setting line: downstage face of proscenium	00mm
1	House Curtain	700mm
2	LX 1	1000mm
3	Border 1	1550mm
4	Legs 1	1700mm
5	Projector Screen Lines	2200mm
6	LX2	2250mm
7	Centre Tabs	3350mm
8	Border 2	3850mm
9	Legs 2	4300mm
10	LX 3	4750mm
11	Border 3	5750mm
12	Legs 3	5950mm
13	Projector bar (approx 6000mm long)	6200mm
14	LX 4	6450mm
15	U/S Tabs	7000mm
16	Spare Bar	7300mm
17	Cyclorama	7400mm
18	Spare bar	7580mm



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Counterweight Lines:

5 x Counterweight systems 48mm OD Barrels
(1 x House Curtain, 4 x LX Bars onstage)
In dead 500mm above stage floor
Out dead 9000mm above stage floor
Max drift 8,500mm
Counterweight lines are not moveable (lighting bars do not move)

House Curtain: 1 x House tabs – red velvet – flown only. Can be centre paged.

Borders: 4 x Borders – black wool – 2,000mm drop x 12,000mm wide

Tabs: 4 x Tabs (2 x sets) – black wool – 6,500mm drop x 6,600mm wide

Legs: 4 x Legs (2 x sets) – black wool – 6,500mm drop x 2,500mm wide

Cyclorama: 1 x white seamless Cyclorama – 7,000mm drop x 10,000mm wide



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FACILITIES

Dressing Rooms: 3 x Dressing rooms. Located below stage, access via stairs located upstage OP and P. All dressing rooms have benches, mirrors, mirror lights and costume racks. Showers available in dressing rooms 1 and 3.

Dressing rooms are shared between the Randall Theatre and the Irene Mitchell Studio. Venue Management will confirm which dressing rooms are accessible at the hirers' production meeting.

All dressing rooms have both audio and video show relay.
Dressing rooms are designed for a total capacity of approximately 28 persons

Laundry: Situated below stage level. Access via Randall PS or OP stairs. Use of laundry must be approved by Venue Management prior to commencement of hire.
1 x Washing Machine
1 x Dryer
1 x Cleaners sink

Toilets: 2 x toilets; one located at either end of the dressing room corridor.

Chairs: 30 chairs are available for use in the dressing rooms.



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FRONT OF HOUSE

- Bar:** A bar / kiosk is located in the main foyer with cold drinks and food available for sale. The foyer & gallery is a licensed area. Alcohol may not be consumed outside of the licenced area, including the courtyard & backstage. The bar opens for all shows, ushers double as bar staff. Bar open after performances depends on performance duration. Both theatres share the use of the bar.
- Foyer:** Access via St Martins Lane.
- Restrooms:** Located next to the Gallery.
- Parking:** Parking at the venue is restricted. Venue Management will assign up to four parking permits to the hirer allowing use of carpark during the theatre hire.



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COMMUNICATIONS AND AUDIO

Talkback: Ezicom system patchable to all areas of the theatre.

- 1 x Ezicom 2 loop master station
- 8 x Ezicom Beltpacks
- 9 x Beyer dynamic single muff headsets
- 2 x Ezicom Squawk box

Dressing room paging:
(from mic in prompt corner).

Show relay to dressing rooms:
Audio: Via microphone located on FOH Bridge 3
Video: Via camera located on FOH Bar 2

Video Relay (CCTV):
1 x camera (located on FOH Bar 2)
1 x monitor (located at Stage Management desk, prompt corner)
2 x MD monitors (located on FOH Bar 2) available upon request.
All video signal via central CAT5 / BNC patch system.

FOH SOUND:
Mixer:
Allen and Heath GL2400
22 x mic / line channels
2 x stereo channels
6 x Aux sends
4 x Group sends
4 x Matrix sends
Master L & R sends + Mono send (aux 6 assignable)



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FOH Speakers:

2 x RCF Art 315a 15” powered speakers (hanging left and right of proscenium arch)

Processors:

1 x Lexicon MX200 fx processor

1 x DBX 1231 dual channel 31band graphic equalizer

Playback:

2 x Denon CD/Cassette Players

Microphones:

4 x Shure SM58 vocal mic

5 x microphone stands

Hire stock:

2 x Sennheiser e815 vocal mic

4 x Shure SM57 instrument mic

12 x Sennheiser EW100G3 radio mic kits

12x lapel mic for radio mic kits above

12 x JAG headset mic (IMX6A) for radio mic kits above

1x Shure Drum Mic Kit (2xPG56, 2xPG52)

Direct input: 2x Behringer active d.i

Cabling:

Limited XLR and various adapter leads are available.

Please consult with Venue Management prior to hire period.

Patching System:

Central patch bay located in ‘Tech store’, prompt side of stage.

Prompt Corner:

16 x Mic lines

4 x line returns

6 x amp feeds

1 x speaker outlet

3 x Cat5 points



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Off Prompt Corner:

16 x Mic lines
4 x line returns
1 x speaker outlet
1 x Cat5 points

Orchestra Pit:

16 x Mic lines
4 x line returns
2 x speaker outlets
2 x Cat5 Points

Auditorium Centre:

16 x mic lines
4 x line returns
6 x amp feeds

Sound Operator Position (Auditorium rear, Prompt side)

16 x mic lines
4 x line returns
6 x amp feeds
2 x Cat5 Points

LIGHTING

Control:

1 x Strand VL 64 (1000 Channels)
2 x 22" VGA monitor
1 x HP Palm Pilot (Riggers Remote) Available for focus

Dimmers:

Located centrally in dimmer room below stage level.

6 x State Automation 'Solution 12' digital dimmers (12 x 2.4k)
83 dimmers total.

Additional dimmer racks are available upon prior request provided stock is available



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Lanterns:

STANDARD RIG (included in venue hire)

18	x	Selecon SPX 15/35 profile
8	x	Selecon Axial 24/44 profile
15	x	Selecon Axial 18/35 profile
15	x	Selecon RAMA HP Fresnel 1.2k
2	x	Selecon RAMA HP PC 1.2k
4	x	Selecon Pacific Zoom 14/30
16	x	Par 64 MFL 240v
8	x	Par 64 MFL 110v
4	x	Selecon HUI 4 way CYC unit 1kw
1	x	1500w Strobe
2	x	LED pixel par RGB
1	x	16 inch Mirror Ball (with motor)
1	x	selecon 1 Kw pacific follow spot (with stand, colour change unit & mono pack dimmer)

ADDITIONAL STOCK FOR HIRE (subject to availability)

7	x	Strand Harmony PC 1Kw
6	x	Harmony fresnel 1 Kw
4	x	Starlette PC 1Kw
9	x	selecon Rama PC 1Kw
8	x	Strand harmony 22/40 profile 1 Kw
5	x	Strand Prelude 16/30 profile 650w
4	x	Strand Prelude 28/40 profile 650w
1	x	small strobe (non DMX)
8	x	Iris 1 (flood/cyc unit)
12	x	MR16 / birdies
1	x	Acme Hazer HZ-100 Pro-V

Patching:

Central patch bay located in patch room PS stage level

39-48	FOH Bridge 1
21-38	FOH Bridge 2
1-20	FOH Bridge 3
49 – 68	LX bar 1 (Total 20 patches)



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Loom 1 – Loom 20	LX bar 2 (Total 20 patches)
69 – 88	LX bar 3 (Total 20 patches)
89 – 116	LX bar 4 (Total 20 patches)
105 – 108	PS Prosc. Wall
109 – 112	OP Prosc. Wall
119 – 124	OP Fly Floor
125 – 132	PS Floor Trap
133 – 140	OP Floor Trap

Note: All patching on FOH Bars 1 & 2 runs via a loom to Bridge 3.

Additional Power:

1 x 30 amp 3 phase 5 pin outlet, located mid stage on PS wall
2 x 32 amp 3 phase 5 pin, located in dimmer room.

Follow Spot:	1 x Selecon Pacific 1kw followspot with colour changer.
Accessories:	20 x boom arms 10 x 'H' stands
Cables:	Assorted 240v extension cables. Please consult with venue production staff about requirements prior to hire period. (All extension leads must have current test tags)
House Lights:	Strand Lighting 8 preset Accent system, controlled from Lighting Operator position and Prompt Corner.
Ladders:	1 x 6ft 'A' frame ladder 1 x 6.4metre extension ladder 1 x Wide Step platform ladder, platform height 3m 1 x Scaffold Tower (Available upon request – conditions apply)



GLOSSARY OF TERMS

Abbreviation	Full Name & Explanation
Prosc.	Proscenium Arch Wall which frames and separates the stage from the auditorium
FOH	Front of House 1) area of theatre including foyer and box office 2) relating to lighting and sound, area in theatre forward of stage.
Lx	Lighting
Snd	Sound
US	Up Stage
DS	Down Stage
PS	Prompt Side (stage left)
OP	Opposite Prompt (Stage right)
C	Centre Stage (can be used in combination with PS, OP, US & DS)
Cyc	Cyclorama, White stage cloth for projecting light upon.

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