

# MELBOURNE THEATRE COMPANY

## SOUTHBANK THEATRE

### THE LAWLER TECHNICAL SPECIFICATIONS

JANUARY 2024



#### **Production Services Manager**

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#### **Venue Contact Details**

Phone Number	03 8688 0800
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Venue Address	140 Southbank Blvd SOUTHBANK VIC 3006
Website	<a href="http://www.southbanktheatre.com.au">www.southbanktheatre.com.au</a>

Additional contact details are located on the final page.

Venue Information:

Southbank Theatre opened in 2009 as the principal home of Melbourne Theatre Company. The building has two performances spaces, the Sumner and the Lawler, as well as function rooms, foyers, bars and a bistro.

The Lawler is a flexible studio space with a standard capacity of 163.

The Lawler has modular seating that can be arranged in multiple configurations to create a wide range of seating capacities or removed entirely.

Brief Stage Description:

Studio space with flown truss grid in two sections.  
Hardwood floor covered with 21mm ply and 9mm weathertex.  
Screwing to a depth of 30mm is permitted.

Stage distributed load limit	5 Kpa
Stage point load limit	7.5 Kpa
Stage rake	none

Stage Dimensions:

Proscenium	There is no Proscenium.
Setting Line	Setting and centre line will vary depending on seating configuration.

Room Dimensions	
South Wall to North Wall	17260mm
East Wall to West Wall	14260mm

Overhead obstructions	
Truss:	200mm - 9000mm
Curtain rail:	9000mm

Auditorium:

The Lawler is a flexible space with flexible seating and a flown truss lighting rig. The truss is divided into two sections and each can be flown independently. Standard seating configuration is 163 seats in an end on configuration.

Curtains:

The venue has a perimeter curtain rail @ 9000mm high. The rail runs continuously around all four walls of the venue. There are 20 pleated drapes at 3000mm wide and 9000mm high. These can be arranged as required for each production. Please discuss your requirements with the Production Services Manager prior to arrival as some seating arrangements, lighting positions or other staging elements can prevent movement of the curtains.

## STAGING

### Flying Facilities:

Truss System	8 x 1t chain motors, 4 per Truss.
Operating Position	Wired hand controller with 20m lead
Truss Drift	8800mm
Truss Type	500mm Box truss (Aluminium) 48mm chord diameter Browns Welding
Truss Pick-ups	Low Profile custom lifting bracket
Truss Point Load	525Kg
Truss Distributed Load	Refer to load charts attached

### Drapery:

Type	Material	Colour	Width	Height	Quantity
Legs	Wool, Flat	Black	2900	6300	8

*Please note the legs are shared between the venues. Please liaise with the Production Services Manager for availability*

### Access Equipment: (Please note: All Access Equipment is shared between venues)

#### Elevated Work Platform

1 x Haulotte Star 10	Maximum reach is 8m
1 x JLG 20MVL	Maximum reach is 6m
1 x JLG30AM	Maximum reach is 9m

#### EWP Restrictions

Only suitably trained operators allowed to use EWP's. Outriggers must be used at all times.

#### Ladders

- 1 x 3.5m platform ladder
- 1 x 2.9m platform ladder
- 2 x 2.0m platform ladder
- 1 x 1.5m platform ladder
- 3 x 1.8m A-frame ladder
- 1 x 1.2m A-frame ladder
- 1 x 0.8m A-frame ladder

#### Additional Requirements

There is no provision for rigging or focusing from the truss, all rigging and focusing must be performed from the ground, EWPs or ladders.

Loading Dock:

Vehicle access to private laneway is via Sturt St. Vehicles park parallel to building on left hand side of laneway and reverse up to external dock lift.

Dock lift can be set at any height and hydraulic lip can be lowered onto rear of truck to provide gap free surface.

Roller door, dock lift and acoustic doors must be operated by authorised Melbourne Theatre Company staff only.

Hand rails must be used in line with Melbourne Theatre Company EHS procedures.

Dock Lift Dimension	6000mm Long x 2800mm Wide
Dock Lift SWL	4000kg
Loading Dock Height	1200mm
Door Dimensions	3500mm High x 4000mm Wide

Restrictions / Obstructions

The rear laneway is shared with the Melbourne Recital Centre and the Melbourne Conservatorium of Music. Notice is required in advance for drop offs and pickups. The laneway is a loading zone only, no parking is permitted. There are cable drop gates at the entrance and exit of laneway.

All drivers must report to reception via intercom or call 03 8668 0808 if you require direction to the correct loading dock. 3 ton trucks or over must be supervised by Melbourne Theatre Company staff member when entering, exiting & reversing up to the dock lift.

Minimum doorway size from Dock to Stage: 4250mm High\* x 2000mm Wide

\*please note there is an access bridge in the dock with a height of 3250mm to underside of bridge.

Staging Notes:

All flown items must be rigged with rated equipment and are subject to approval by a venue representative. Limited rigging gear is available in house.

Theatre tools and equipment can only be used with the permission of the appropriate Melbourne Theatre Company staff member. All equipment must be operated in accordance with Melbourne Theatre Company EHS policies.

Tools: basic tool box with limited hand tools and one cordless driver.

Hardware: the theatre carries a limited stock of wood screws, M10 bolts, hinges and shims.

Trolleys – 2 x palette jacks 2300kg, Crown Walker Reach Stacker 1000kg, miscellaneous small dollies. *(Please note: Pallet Jacks & Crown Walker Reach Stacker are shared between Venues)*

## LIGHTING

### Positions:

Truss Grid & UniStrut wall fixings, please refer to attached plans.

### Control:

Lighting desk 1 x ETC ION Classic (3072 channels)  
Signal output DMX and Network (sACN etc). 2 x RJ45 Ports - Windows 7 machine.  
Signal distribution 8 way LSC splitter located in dock with ISOport distribution to venue. 1 in 5 out LSC splitter in large truss (populated with standard rig).

Remote riggers available onstage Yes

### Dimmer racks and power distribution:

Type	Location	Detail	Capacity	Total Chans
Dimmer	Small Grid	2 x Jands HPX-12	2.4kW per channel	24
Dimmer	Large Grid	5 x Jands HPX-12	2.4kW per channel	60
Dimmer	Dock area	1 x Jands HPX-12	2.4kW per channel	12
Power Distro	Large Grid	1 x Jands PDS6	20A outlets	6

### House Lights:

Controlled through lighting desk, utilising 2 dimmers from small truss and 2 dimmers from large truss in 163 seat standard configuration.

### Stage lighting fixtures:

#### Profiles

Make	Model	Angle	Detail / Accessories	Wattage	Total
ETC	Source 4	19 deg	Iris' and Gobo Holders	750W	3
ETC	Source 4	36 deg	Iris' and Gobo Holders	750W	24
Chauvet	Ovation E 910FC	36 deg	LED RGBAL profile	234W	12
Selecon	Pacific	14-35 deg	Iris' and Gobo Holders	1kW	18

#### Fresnels and PC's

Make	Model	Detail / Accessories	Wattage	Total
Selecon	Rama HP Fresnel	175mm lens	1.2kW	20
Selecon	Acclaim Fresnel	Plus 4 reserved for blue worklights	650W	10
Selecon	Rama PC Spot	175mm lens	1.2kW	6

#### Wash units

Make	Model	Detail / Accessories	Watt	Total
Phillips	SL155	LED RGBW Par zoom – shared events	150W	12

Patching:

Location	No.	Type	Detail / Accessories
Small Truss	24	2.4kW dimmer	2 dimmers reserved for house lights
Large Truss	72	2.4kW dimmer	2 dimmers reserved for house lights
Large Truss	6	20A Outlet	Power distribution only – no desk control.
Floor			Discuss patching for floor lighting with venue staff

Power:

3 Phase Outlets  
 40A- Next to Dock Door (Stage Level)  
 40A- Next to Dressing room Door (Stage Level)  
 40A- Next to Foyer Door (Stage Level)  
 (8x) 40A- On Truss (Reserved for Dimmers / PDS)

Cabling:

240V Extension Cable:  
 The theatre has a good sock of extension leads to accommodate the venue's standard rig. Any additional equipment may require additional cable stock to be sourced.

Looms  
 4 x 5m 4-way (2 allocated to perch positions for standard rig)  
 2 x 10m 4 way  
 1 x 15m 4 way

3 phase Extensions  
 NONE

Lighting Notes:

Access to additional stock from the Sumner Theatre is in general not possible and will always be subject to prior confirmation and availability.

Access to the trusses above seating banks is limited. Discussion with the Production Services Manager on a show by show basis is required.

## AUDIO

### Control Positions:

Control Area

In standard configuration rear of seating prompt side, can be relocated depending on seating configuration.

Items listed as standard will in general be permanently set up.

### FOH Console and Processors:

Item	Make	Model	Detail	Total
FOH Console	DiGiCo	SD11 Mixing Console	Standard	1
Stage Rack (I/O)	DiGiCo	D-Rack (32 in/16 out )	Standard	1
Speaker Processor	Meyer	Galaxy 816	Standard	1
Digital mixer	Midas	M32R Live (V4.2 Firmware)	Install	1
Digital stage box	Midas	DL16	Install	1

### Speakers:

Item	Make	Model	Detail	Total
FOH	Meyer	UPJ-1P	Standard	3
Sub Woofer	Meyer	M1D - SUB	Standard	2
Foldback	QSC	K 8.2	Install	4

### Playback:

Item	Make	Model	Detail	Total
QLab*	Figure53	4	Audio, Video and Lighting license	1
Macbook Mini*	Apple	8 <sup>th</sup> Gen	Intel 3.2GHz i7 processor 10Gb Ethernet	1

\*shared for video

### Line Patching:

Location	Quantity	Numbering	Detail
East Wall	8	225-232	225+226 Bi directional
West Wall (North)	4	201-204	201+202 Bi directional
West Wall (South)	4	205-208	205+206 Bi directional
South Wall (West)	8	209-216	209+210 Bi directional
North Wall	16	183-198	183+184 Bi directional
East Roof	4	367-370	
West Roof	4	371-374	
South Wall	48		All lines return here.

### Cabling:

Audio Cable

Limited Microphone Cable available

Multicore: 20m 24 lines, 18 send 6 Return

Audio Notes:

Additional equipment may be available upon request from the Sumner Theatre Stock.

AUDIO VISUAL

All Audio Visual equipment is subject to additional hire fee and may be in use in the venues event spaces if not booked in advance.

Projectors:

Type	Model	Detail / Accessories	Total
NA	NA	NA	NA

Screens:

Item	Model	Detail / Accessories	Total
Projection Screen	Stumpfl MONOBLOX64	<i>Both front and rear projection screen available. Overall size: 14'8" x 8'7" (4470mm x 2602mm). Net picture area: 14' x 7'11" (4267mm x 2412mm)</i>	1

AV Equipment:

Item	Make /Model	Detail / Accessories	Total
QLab*	4	Audio, Video and Lighting license	1
Macbook Mini*	8 <sup>th</sup> Gen	Intel 3.2GHz i7 processor 10Gb Ethernet	1
Production Studio 4K	Black Magic	Video Switcher (non scaler)	1
SDI to HDMI converter	Black Magic		1
32" vision monitor	Kogan	Foldback quality only	1
HDMI Extender (1 x transmitter, 1 x receiver)	Pro2	HDMI over Ethernet	1

\*shared for audio

Cabling:

The theatre has a small stock of coaxial, HDMI and Ethernet cable to accommodate the venue's own equipment.

MUSICAL EQUIPMENT

1 x Yamaha U30BL upright piano (with piano stool).  
*Tuning of piano is required before use at the venue hirers cost.*

Please note all musical equipment is shared between the venues. Please liaise with the Production Services Manager for availability.



## BACKSTAGE

### Communications:

Stage Managers Desk	
Talkback Master Unit	NONE
Total sub stations	4
Total headsets	4
Wireless Units In-house	2
Talkback patching located at:	East Wall West Wall North Wall South Wall Backstage Control Tower

### Paging, Show relay & Q lights

Paging to the dressing rooms is available from the control tower. Show relay is distributed to all dressing rooms and green room. Each room has individual volume control.

Temporary Q light system subject to availability. Two Q Lights with one control point.

### Production Facilities:

Production Desk 1800 x 800mm de-mountable production desk. Can be set anywhere in the seating.

Wireless internet access available.

### Greenroom: *(Please note this is a shared Green Room subject to availability)*

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

### Dressing Rooms:

Dressing Room	Capacity	Toilets	Shower	Details
Gold Dressing Room	3-6	1	Yes	
Silver Dressing Room	3-6	1	Yes	

### Laundry / Wardrobe:

*(Please note all laundry/wardrobe facilities are shared between the venues. Please liaise with the Production Services Manager for access)*

Item	Model	Detail / Accessories	Total
Washing Machine	Maytag		2
Tumble Dryer	Maytag		2
Drying Room		Located in Wardrobe	1
Iron /Ironing Board		Located in dressing rooms	1
Clothes Racks		Located in dressing rooms	3

CONTACTS

VENUE

Phone Number	03 8688 0800
Fax Number	03 8688 0801
Venue Address	140 Southbank Blvd SOUTHBANK VIC 3006
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TECHNICAL

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VENUE MANAGEMENT

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