



Technical Specifications

Lawler Studio

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Additional contact details are located on the final page

STAGE

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	5Kpa
Stage point load limit	7.5 Kpa
Stage rake	Not Applicable

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	14260mm
East Wall to West Wall	17260mm

Overhead obstructions

Truss: 200mm – 8500mm
Curtain rail: 9300mm

Auditorium:

The Lawler Studio 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.

Seating capacity: Up to a Capacity of: 150

Flying Facilities:

Truss System

8 x 1t chain motors

Truss System Details

Operating Position	Pickle control 20m lead
Truss Drift	8000mm
Truss Type	500mm Box truss (Aluminium) 48mm chord diameter
Truss Pick-ups	Custom lifting bracket
Truss Point Load	600Kg
Truss Distributed Load	100Kg per meter

Drapery:

*Type	Material	Colour	Width	Height	Quantity
House Curtain					
Borders					
Legs	Wool, flat	Black	2900	9000	6
Legs	Wool, Flat	Black	2900	6300	8
Tabs					
Smother					
Cyclorama					
Cyclorama					
Scrim					
Scrim					

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 valid ticketed operators allowed to use EWP's. Keys to be removed when not in use. Outriggers must be used at all times, one staff member to be located at base whilst in use.

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 or from EWP's.

Loading Dock:

Vehicle access to private laneway is via Sturt St. Vehicle's 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 MTC staff only. Hand rails must be used in line with MTC OHS procedures.

Dock Lift Dimensions **6000mm** Long x **2800mm** Wide

Dock Lift SWL **4000kg**

Loading Dock Height **1200mm**

Door Dimensions **3500mm** High
 4000mm Wide

Restrictions / Obstructions

Rear laneway is shared with the Melbourne Recital Centre. Notice is required in advance for large drop offs and pickups, such as unloading semi trailers. Laneway is a loading zone only, no parking allowed unless by arrangement with management. Cable drop gate at the entrance and exit of laneway.

All drivers must report to reception via intercom and entrance (red button). 8 ton trucks or over must be supervised by MTC staff member when entering, exiting or reversing up to dock lift.

Minimum doorway size from Dock to Stage: 4250mm High 2150mm 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 is subject to approval by a venue representative.

Limited rigging gear available in house.

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

Tools – Basic tool box..

Hardware – Theatre carries a limited stock of wood screws, M10 bolts, roofing screws, hinges etc

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, please refer to attached plans.

Control:

Lighting desk	1 x ETC ION 1000
Control channels	1000
Signal output	DMX and Network (ArtNET etc.)
Signal distribution	Two streams to Truss Grid and ISOPORT distribution at stage level

Remote riggers available onstage Yes

Dimmer Racks:

Total Dimmers	96
Dimmer Locations	Small Grid:24 Channels Large Grid: 50 Channels Floor: 12 Channels

2.4Kw Dimmer Racks JANDS HPX-12

Total dimmers @ 2.4kw per dimmer 96

5Kw Dimmer Racks NONE

Total dimmers @ 5kw per dimmer 0

House Lights:

Independent control Dimmers 92-96 allocated for house lights
 Control positions Flexible
 Fade time adjustable YES

Stage Luminare:

Profiles

Make	Model	Angle	Detail / Accessories	Watt	Total
ETC	Source 4	19 deg	Iris' and Gobo Holders	750w	4
ETC	Source 4	36 deg	Iris' and Gobo Holders	750w	30

Fresnel's

Make	Model	Detail / Accessories	Watt	Total
Selecon	Rama HP	175mm lens	1200w	18
Selecon	Acclaim	Shared stock	650w	10
Strand	Patt 223		1000	8

Wash

Make	Model	Detail / Accessories	Watt	Total
	IRIS 2	(2) cells per unit	500w	5

Shared Additional Lighting:

Item	Make	Model	Detail / Accessories	Watt	Total
Hazer	Unique Solutions		Shared Stock		2
Smoke machine	Rosco 1700		Shared Stock		2

Patching:

Location	Quantity	Numbering (PS to OP)	Detail / Accessories
Small Truss	24	1-24	

Power:

3 Phase Outlets

- (1) 40A- Next to Dock Door (Stage Level)
- (1) 40A- Next to Dressing room Door (Stage Level)
- (1) 40A- Next to Entrance from Foyer Door (Stage Level)

(8) 40A- On Truss (Reserved for Dimmers)Cabling:

240v Extension Cable

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

Looms

- (6) 15m 6-way

3 phase Extensions

NONE

Lighting Notes:

Access to Extra stock from the Sumner Theatre is possible but is subject to prior confirmation and availability. The Sumner Theatre stock is never guaranteed.

Access to the Trusses above seating banks is limited. Discussion with the Lawler Studio technician on a show by show basis is required.

AUDIO

Control Positions:

Control Area

Flexible custom built control tower.

Control & Amplification:

Primary Mixer

Yamaha O3D

Secondary Mixer

Allen & Heath 14 in 6 out

EQ

Behringer Ultradrive Pro DCX2496

Speakers:

FOH Speakers(3)Meyer UPJ-1P

- (1) Meyer UMS-1P

Foldback

NONE

Playback:

Item	Make	Model	Detail	Total
QLab	Figure53			1
MacPro	Apple	Intel 2.4Ghz	Quad core	1

Microphones:

Make	Model	Detail / Accessories	Use	Total

Accessories:

Item	Model	Detail / Accessories	Total

Line Patching:

Location	Quantity	Numbering	Detail
East Wall	8	225-232	225+226 Bi directional
West Wall	4	201-204	201+202 Bi directional
South West Wall	4	205-208	205+206 Bi directional
South East Wall	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.

Speaker Patching:

Location	Quantity	Numbering	Detail

Cabling:

Audio Cable

Limited Microphone Cable available

Multicore

(1) 20m 24 lines, 18 send 6 Return

Audio Notes:

Additional Equipment available upon request from the Sumner Theatre Stock

AUDIO VISUAL

All Audio Visual equipment is subject to additional hire fee

Projectors:

Type	Model	Detail / Accessories	Total
NEC	NP-4001	4500ansi, 2.22 - 4.43:1 zoom lens	1

Screens:

Projection Screen

Stumpfl MONOBLOX64

Screen dimensions **14' x 8.5' 16:9**

Additional Screens

Rear projection Surface

Screen dimensions **14' x 8.5' 16:9**

AV Playback Equipment:

Item	Model	Detail / Accessories	Total
QLab	Figure53		1
MacPro	Apple	Intel 2.4Ghz Quad Core	1

Projector Rigging Points:

Projector has a mounting assembly and can be rigged from any horizontal lighting bar.

Cabling:

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

Audio Visual Notes:

Additional short throws lens needs to be hired for rear projection.

BACKSTAGE

Communications:

Stage Managers Desk

Talkback

Master Unit **NONE**

Total sub stations **4**

Total headsets **4**

Radio Units In-house **2**

Talkback patching located at: **East Wall**
West Wall
North Wall
South Wall
Backstage
Control Tower

Paging / Show relay

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.

Stage Monitor

TV's set-up in green room and foyer. Camera located centre rear of the seating bank.

Q Light System

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

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)*

Washing Machines	2 x Maytag washers
Dryers	2 x Maytag tumble dryers
Drying rooms	Located in wardrobe room
Iron / ironing board	Located in wardrobe room
Clothes racks	Several portable racks available depending on MTC requirements

Production Facilities:

Production Desk

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

Access to phone for internet access

Wireless internet access available with prior arrangement

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

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

Stage Door:

Access

Vehicle access is via the service lane at the rear of the venue. All loading and unloading must be through the loading dock area.

VENUE:

Venue Contacts:

Phone Number **03 86880800**
Fax Number **03 86880801**

Venue Address **140 Southbank Blvd SOUTHBANK VIC 3006**
Venue Postal Address **PO Box 918 South Melbourne VIC 3205**

Website **WWW.MTC.COM.AU**

Staff Contacts:

Theatre Manager Mark Wheeler
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Venue Plans:

Venue Plan Available

Vectorworks 10.5, AutoCAD 2000 DWG, PDF

Venue Section Available

Vectorworks 10.5, AutoCAD 2000 DWG, PDF

Venue Information:

A spectacle of illumination and shape designed for night viewing, Southbank Theatre is a work of art for the performing arts. Southbank Theatre houses the Sumner Theatre, a state-of-the-art 500-seat venue, and the flexible Lawler Studio for small-scale and edgy work.

Southbank Theatre is located at 140 Southbank Blvd Southbank 3006.

Southbank Theatre is just a stone's throw away from the Arts Centre, the NGV and Federation Square. Coming down Southbank Boulevard from St Kilda Road the building, with its distinctive white piping, cannot be missed.