

# Monash Academy of Performing Arts (MAPA)

## George Jenkins Theatre Technical Specifications



Updated JULY 2020

## **Stage Description:**

Unraked stage with proscenium arch, large apron with hardwood floor covered with Masonite sheets. White Cyclorama Wall with rear crossover and Scenery store.

\*Screwing into stage surface requires approval from Theatre management.

## **Stage Dimensions**

**Proscenium**      Width **17900mm**  
                         Height **4500mm**

**Setting Line**                      **740mm** upstage of the face of the proscenium.

**Distance From**  
SL to DS edge of apron      **4454mm**

SL to rear wall                      **5700mm**

CL to OP wall                      **10650mm**

CL to PS wall                      **10650mm**

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

## **Auditorium:**

Raked seating with 3 distinct banks divided by two tunnels leading into dressing rooms. Audience enters from the top centre.

Seating capacity                      **426**

Technical holds                      **409**

Accessibility seating available via front Foyer Wheelchair Lift.

4 Seats are removable to cater for wheelchairs

## **Flying Facilities:**

**Fly System Details:** HME Band Hoist Fly System

**Operating Position:** PS or OP stage level

**Total number of Lines:** 5 (3 LX & 2 Scenery)

**Scenery Batten Drift:** 1 – 6248mm

2 – 6267mm

**Scenery Batten Type:** 75x50mm Batten

**Scenery Batten Length:** 14000mm

**LX Batten Drift:** LX 4 6000mm  
LX 3 6000mm  
LX 2 6000mm  
LX 1 5100mm  
US Truss 5830mm  
DS Truss 5900mm

**LX Batten Length:** 14000mm

**LX Truss Length:** US 9000mm

DS 8000mm

**LX onstage:** HME Pro-batten with 12x10amp circuits, 1 DMX &  
1 Network patch

**Batten W.L.L:** 300KG 40kg/m spread

### **Note:**

When hanging Scenery items, bars must be vertical due the band hoist pick up's.  
Bars can NOT be swung.

Fly System to be operated by MAPA Staff member only

SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFORMATION.

## **Hanging Plot:**

SL: Setting Line as indicated previously

Line Type: **DH** = Dead Hung

W.L.L: Maximum distributed load including bar weight

<b>Line #</b>	<b>Distance from SL</b>	<b>Line Type</b>	<b>W.L.L</b>	<b>Venue Allocation</b>
<b>Switch control</b>	677mm	DH	NA	House Curtain
	1040mm	DH	NA	<b>LX 1</b>
	1521mm	DH	NA	MS Traveller
	2303mm	<b>Hoist</b>	<b>300kg</b>	<b>LX 2</b>
	3110mm	<b>Hoist</b>	<b>300kg</b>	<b>Scenery Bar 1</b>
	3479mm	DH	NA	Border
	4111mm	<b>Hoist</b>	<b>300kg</b>	<b>LX 3</b>
	4464mm	DH	NA	Border
	4934mm	<b>Hoist</b>	<b>300kg</b>	<b>LX 4</b>
	5558mm	<b>Hoist</b>	<b>300kg</b>	<b>Scenery Bar 2</b>
6100mm	DH	NA	US Traveller	

## **Drapery:**

<b>Type</b>	<b>Material</b>	<b>Colour</b>	<b>Total</b>
House Curtain	Velvet, gathered	Burgundy	<b>1</b>
Border	Wool, gathered	Black	<b>2</b>
Legs	Wool, gathered	Black	<b>4</b>
Tabs / Smother	Wool, gathered	Black	<b>2</b>
Cyclorama	Rear Wall of Venue	White	<b>1</b>

**Safety Curtain:** Safety Curtain installed.

## **Access Equipment:**

### **Elevated Work Platform**

CAT 23 (Cougar)	Maximum reach:	<b>7200mm</b>
	Maximum load:	<b>135kg</b>

### **EWP Restrictions:**

Outriggers must be used at all times, one staff member to be located at base whilst in use.

Must be deemed competent by a member of Monash staff.

### **Ladders:**

1 x Aluminium A Frame 1800mm

1 x Aluminium A Frame 2400mm

### **Staging Units/ Rostra:**

40 x Metal frames, 885 x 885 x 305mm

30 x Timber Tops to fit frames

*\*Metal frames can be stacked safely at 3 high for extra height. When stacked, each frame increases height by 270mm*

18 x Black Stage Chairs

30 x Blue Chairs

10 x Music Stands

### **Loading Dock:**

#### **Access.**

Truck Access via car park off Moorooduc Highway opposite Hastings Road  
Truck is able to reverse up to loading dock.

Loading Dock Step                   **300mm**

Door Dimensions                   **North Doors, 4700mm High, 2400mm Wide**

**South Doors, 5000mm High, 2000mm Wide**

Tail Gate:                           **No. Truck loading/unloading requires a ramp.**

### **Note:**

*All scenery items must be installed with rated rigging equipment preferably with nothing smaller than 6mm wire rope and is subject to approval by theatre management.*

*No rigging gear is available in house.*

## **LIGHTING**

### **Control:**

Lighting desk	<b>ETC ION with 2x20 Fader Wing.</b>
Control channels	<b>2 Local Universes</b>
Signal output	<b>DMX</b>
Signal distribution	<b>2 DMX streams to PS Corner Catwalk</b>

Remote riggers available onstage **Yes.**

### **FOH Bridge:**

Setting Line to lighting bar	<b>7384mm</b>
Usable bar width	<b>5450mm (3 sections)</b>

Note: 3 sections.

### **FOH Truss 1**                      **300mm Box Truss.**

Setting Line to lighting bar:	<b>1946mm</b>
Usable bar width:	<b>9000mm</b>

Notes: 9 patch outlets on the bar and 4 XLR lines.

### **FOH Truss 2**                      **300mm Box Truss**

Setting Line to lighting bar	<b>3231mm</b>
Usable bar width	<b>8000mm</b>

Notes: 9 patch outlets on bar and 4 XLR lines.

### **Dimmer Racks:**

<b>Total Dimmers</b>	<b>60</b>
<b>Dimmer Locations:</b>	Dimmer Room (located beside control room)
	2 x LSC Gen VI Dimmers
	1 x Bytesize APC
	Above stage PS Catwalk
	2 x Wall Mounted LSC Gen VI Dimmer

### **House Lights:**

<b>Independent control</b>	Yes.
<b>Control positions</b>	Control Room & Foyer.
<b>Fade time adjustable</b>	No.

## Stage Luminaire:

### Profiles

Make	Model	Angle	Detail / Accessories	Watt	Total
ETC	Source 4	25°-50° Zoom		750w	29
ETC	Source 4 Jr	25-50°		575w	14
Strand	SL	15/32°		600w	10

### Fresnels

Make	Model	Detail / Accessories	Watt	Total
Strand	Patt 223	15° - 65°,	1000w	12
LDR	PC1200	8° - 60°	1200w	4

### LEDs

Make	Model	Detail / Accessories	Watt	Total
ShowPro	Fusionpar QXII	RGBW	110w	18

### Cyc:

Make	Model	Angle	Detail / Accessories	Watt	Total
CHAUVET	Ovation	35° - 65°	C- 640FC	173w	8

### Followspot:

Make	Model	Angle	Detail / Accessories	Watt	Total
On Request			Subject to availability additional Cost may apply		

### Additional Lighting:

Item	Make	Model	Detail / Accessories	Watt	Total
Mirror Ball		20inch	With Motor		1
UV LED Panels	PROSHOP				3
Strobe	Martin	Atomic 3000		3000w	1
Hazer	Look Solutions	Unique 2.1	Subject to availability additional Extra Charge will apply	1500w	1

### Power:

#### 3 Phase Outlets.

- 1 x 32 Amp in Bio box
- 1 x 20 Amp in Bio box
- 1 x 32 Amp PS Catwalk
- 1 x 32 Amp Op Catwalk

### Note:

The George Jenkins Theatre has a selection of Gobo stock.  
The theatre also has a good stock of extension leads across all sizes.  
Please contact Theatre Management regarding the use of these prior to your arrival.

**AUDIO:**

**Control Positions:**

**Dedicated Control Room or**

**Auditorium:** Rear of auditorium in row L and K 34-38 Removed or

**Other:** Prompt side of Stage Managers console, mixer to be patched through main console

**Control & Amplification:**

**DIGICO S21. (Specifically for Auditorium mixing).**

- 24 Mic line inputs.
- 2 X 24 Segment master/solo meters
- 12 analogue outs.
- 2 x DMI (UP TO 64 I/O per slot.
- 2 x Ethernet connections
- Customisable bank and channel layout.

**MIDAS VENUS F-16 Series. (Stage Managers Console)**

- 24 x Input channels each switchable mic/line level
- 4 x Sub Groups
- 6 x Aux Sends
- Left, Right & Mono Main Outs.

**Amplifiers:**

**Nexo NXAmp 4X1 (FOH)**

**Crown, XTi 4000, 2 channel, 1200w x 1200 (Foldback)**

**FOH Speakers:**

7 X Nexo ID24

1 X Nexo ID Sub

**Foldback:**

2 X EV ZX5-60 (DPaired DS Foldback)

2 X EV PX1122m (Paired US Foldback)

**Playback:**

Item	Make	Model	Detail	Total
CD Player	Denon	DN-C635	Single CD player	2
CD Player	Tascam	CD-01U	Single CD player	1



GEORGE JENKINS THEATRE TECHNICAL SPECIFICATIONS

**Microphones:**

Make	Model	Detail / Accessories	Total
RODE	NT 5		6
SHURE	SM58		5
MANN	M11		2
SENNHEISER	E815S	Switch mic	2
SHURE	BETA 57a		2
COUNTRYMAN		LECTERN MIC	2
SHURE	Wireless SM58	INHOUSE RADIO MIC *Extra Cost*	2

**Accessories:**

Item	Brand	Detail / Accessories	Total
Microphone Tall stands	K&M	With boom arms	12
Microphone Desk Stands			2
Microphone Short stands	K&M	With boom arms	8

**DI:**

Item	Model	Detail	Total
RADIAL	PRO AV2		2
ARX	AUDIOBOX	USB DI	1
BEHRINGER	D120		1

**Cabling:**

The theatre has a good stock of audio cable to accommodate the venues equipment.

## **AUDIO VISUAL:**

Projector is hard mounted from Bridge above forestage. Sends can be from Control room or Stage Managers desk.

### **Projector:**

Type	Model	Detail / Accessories	Total
Panasonic DLP	PT-DZ780	8K *Extra Cost*	1

**Screen:** Front projection screen permanently rigged 500mm from setting line, operated by switch on PS wall at Stage Managers desk.

**Screen dimensions:**           4500mm Height  
   9200mm Width  
 Or                                    **Cyclorama Wall.**

### **AV Playback:**

Item	Model	Detail / Accessories	Total
<i>DVD PLAYER</i>	<i>PIONEER</i>		1
<b>PRESENTATION SWITCHER</b>	<b>KRAMER</b>	HDMI Inputs only*	1

**Cabling:** The venue has limited of SDI & HDMI cable to operate the projector.

**Note:** Input Positions for AV Playback can be in either Lecture Position (PS or OP), Stage Managers desk or in Control room.

HDMI Input is Required from laptop, Client needs to supply own adaptors

The venue has limited of SDI & HDMI cable to operate the projector.

## **BACKSTAGE**

### **Communication:**

#### **Stage Managers Desk.**

Stage Managers desk is located in prompt corner. The desk can be moved within this area and is only fitted with show relay microphone. Access to power and a phone is arms length away attached to the wall.

#### **Talk back.**

Master Unit is a Power unit connected to loop at LX Op position; it can handle all in-house coms connected.

Total Packs: **6**  
 Total headsets: **6**  
 Radio Units In-house: **0**  
 Talkback patching located at: **1 x Prompt Side, Stage Managers Desk**  
**1 x Opposite Prompt**  
**1 x LX Control Position**  
**1 x SX Control Position (Bio Box or back row)**  
**2 x Domes Position (Next to Bio Box).**

#### **Paging & Show relay:**

Paging to the dressing rooms is available from the stage managers desk. Show relay is distributed to all dressing rooms and green room. Volume cannot be controlled locally.

#### **Stage Monitor:**

TV monitors are located in the green room, OP wing and PS wing and SM position. Camera located centre of the rear of auditorium.

### **Dressing Rooms:**

<b>Dressing Room</b>	<b>Capacity</b>	<b>Toilets</b>	<b>Shower</b>	<b>Details</b>
Dressing Rm 1	20	2	2	With 3 Clothes Racks
Dressing Rm 2	10	2	2	With 2 Clothes Racks

### **Laundry / Wardrobe:**

Washing Machines No.  
 Dryers No.  
 Drying rooms No.  
 Iron / ironing board 1  
 Clothes racks 5 (Built in clothes racks)

## **Production Facilities:**

**Production Office** No.  
**Phone** Please contact Technician.  
**Fax** No.

### **Greenroom:**

**Tea / Coffee facilities** No.  
**Fridge / freezer** Yes.  
**Microwave** Yes.  
**Running Hot water** Yes.

## **ADDITIONAL FACILITIES & INFORMATION:**

**Orchestral:** 1 x Yamaha Grand piano (Stage)  
Relocation and tuning to be arranged.  
Additional Charge applied.

**Rehearsal Space:** No.

## **VENUE:**

**Venue Address:** **George Jenkins Theatre**  
47-49 Moorooduc Highway Frankston, Victoria,  
Australia, 3199

**Theatre Contacts:** **Theatre Manager: Mr Brett Wingfield**

Phone Number +61 3 9904 4214  
Email Address brett.wingfield@monash.edu

**Technical Manager: Mr Matthew King**

Phone Number +61 3 9905 1689  
Email Address matthew.king@monash.edu

Website <https://www.monash.edu/mlive/>

**STAGE PLAN:**

