Monash Academy of Performing Arts

George Jenkins Theatre

Technical Specifications

Updated April 2018
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
1.01m upstage of the face of the proscenium.

Distance From (SL = Setting Line, CL = Centre Line)
SL to DS edge of apron 4750mm
SL to first winched line 2650mm
SL to last upstage winched line 5550mm
SL to rear wall 5700mm
CL to OP wall (or obstruction) 10650mm
CL to PS wall (or obstruction) 10650mm
Stage to underside of roof 7900mm

Auditorium:
Raked seating with 3 distinct banks divided by two vomitories leading into dressing rooms. Audience enters from the top centre.
Seating capacity 426
With Audio Operated from auditorium 422
Accessibility seating available via front Foyer.

Flying Facilities:

Winch System Details:
Operating Position: PS stage level
Total number of Lines: 5
Panorama Lines: No
Batten Drift: Scenery Bar 1 – 6300mm
(Height to roof) Scenery Bar 2 – 5250mm
Scenery Bar 3 – 5900mm
Batten Type: 50mm Metal Pipe
Batten Length: Scenery Bar 1 – 6000mm
Scenery Bar 2 – 16000mm
Scenery Bar 3 – 12000mm
Batten Extensions NO.
Batten W.L.L. 200kg
LX bars can be swung NO.
Fly bars can be swung NO.

SEE HANGING PLOT FOR LINE ALLOCATIONS AND FURTHER INFO
Hanging Plot:

**SL**: Setting Line as indicated previously  
**Line Type**: HW = Hand Winch, DH = Dead Hung  
**W.L.L.**: Maximum distributed load including bar weight

<table>
<thead>
<tr>
<th>Line #</th>
<th>Distance from SL</th>
<th>Line Type</th>
<th>W.L.L.</th>
<th>Venue Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch Controlled</td>
<td>160mm</td>
<td>DH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1040mm</td>
<td>DH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2330mm</td>
<td>HW</td>
<td>200kg</td>
<td>Scenery Bar 1</td>
</tr>
<tr>
<td>3</td>
<td>2840mm</td>
<td>HW</td>
<td>200kg</td>
<td>Scenery Bar 2</td>
</tr>
<tr>
<td>4</td>
<td>3240mm</td>
<td>HW</td>
<td>200kg</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>3760mm</td>
<td>DH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>4300mm</td>
<td>HW</td>
<td>200kg</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>4900mm</td>
<td>DH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>5200mm</td>
<td>DH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>5440mm</td>
<td>HW</td>
<td>200kg</td>
<td></td>
</tr>
</tbody>
</table>

**Safety Curtain:**

Safety Curtain installed.

**Drapery:**

<table>
<thead>
<tr>
<th>*Type</th>
<th>Material</th>
<th>Colour</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>House Curtain</td>
<td>Velvet, gathered</td>
<td>Burgundy</td>
<td>1</td>
</tr>
<tr>
<td>Border</td>
<td>Wool, gathered</td>
<td>Black</td>
<td>2</td>
</tr>
<tr>
<td>Legs</td>
<td>Wool, gathered</td>
<td>Black</td>
<td>4</td>
</tr>
<tr>
<td>Tabs / Smother</td>
<td>Wool, gathered</td>
<td>Black</td>
<td>2</td>
</tr>
<tr>
<td>Cyclorama</td>
<td>Concrete wall</td>
<td>White</td>
<td>1</td>
</tr>
</tbody>
</table>

Access Equipment:

**Elevated Work Platform**

CAT 23 (Cougar)  
Maximum reach is 7500mm  
Maximum load is 135kg

**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  
1 x Aluminium Extension 3800mm/6500mm

**Staging Units/ Rostra:**

46 x Metal frames, 885 x 885 x 305mm  
35 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  
19 x Black Stage Chairs  
37 x Blue Chairs  
13 x Music Stands

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Loading Dock:

Access
Truck Access via car park off McMahoons Rd 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.

Staging Notes:
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.
*Winched lines must be operated or supervised by a theatre staff.

LIGHTING
Control:
Lighting desk: ETC ION with 2x20 Fader Wing.
Control channels: 2 Local Universes
Signal output: DMX
Signal distribution: 2 DMX streams to PS Corner Catwalk
Remote riggers available onstage: Yes. Venue iPad

Stage LX Bars: 3 & 4 can be Winch in/out
*Maximum Height out: LX3 5900mm, LX4 5700mm
*See hanging plot for standard LX bar locations & Patching locations.

FOH Bridge 1
Setting Line to lighting bar: 6930mm
Usable bar width: 5450mm
Notes: Patching on bar which sub patches above on catwalk

FOH Bridge 2
Setting Line to lighting bar: 8170mm
Usable bar width: 6690mm
Notes: No patching on bar, patch box above on catwalk

FOH Bridge 3
Setting Line to lighting bar: 10660mm
Usable bar width: 25800mm
Notes: Catwalk access from Control room to FOH

FOH Booms (PS & OP)
Setting Line to FOH Boom: 12820mm
Distances are to the highest downstage point of boom or perch.
Maximum lanterns per boom: 3
Dimmer Racks:

- **Total Dimmers**: 89
- **Dimmer Locations**: Dimmer Room (located beside control room)
  - **Rack A**: 1-20, Strand JTM, hard wired
  - **Rack B**: 21-30, Strand JTM, hard wired, analogue
  - **Rack C**: 31-42, Bytesize APC
  - **Rack D**: 46-65, Strand JTM, hard wired, analogue
  - **Rack E**: 70-89, Strand JTM, hard wired, analogue

Note: There’s 2 Bytesize, 6ch portable Dimmers
*Dimmer numbers 66-69 do not exist due to use of multiplexer wire configuration.
*5kW Dimmers – 4 are available from Rack E

House Lights:

- **Independent control**: Yes.
- **Control positions**: Control Room & Foyer.
- **Fade time adjustable**: No.

Stage Luminare:

### Profiles

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Angle</th>
<th>Detail / Accessories</th>
<th>Watt</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETC</td>
<td>Source4</td>
<td>25°-50° Zoom</td>
<td></td>
<td>750w</td>
<td>33</td>
</tr>
<tr>
<td>ETC</td>
<td>Source 4 Jr</td>
<td>25°-50°</td>
<td></td>
<td>575w</td>
<td>16</td>
</tr>
<tr>
<td>Strand</td>
<td>SL</td>
<td>15/32°</td>
<td></td>
<td>600w</td>
<td>21</td>
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</table>

### Fresnels

<table>
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<th>Total</th>
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<tbody>
<tr>
<td>Strand</td>
<td>Patt 223</td>
<td>15° - 65°,</td>
<td>1000w</td>
<td>18</td>
</tr>
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</table>

### PC & LED

<table>
<thead>
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<th>Detail / Accessories</th>
<th>Watt</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>LDR</td>
<td>PC1200</td>
<td>8° - 60°</td>
<td>1200w</td>
<td>7</td>
</tr>
<tr>
<td>CHAUVET</td>
<td>ColourDASH</td>
<td>PAR QUAD 18</td>
<td>117w</td>
<td>16</td>
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</table>

### Followspot & Cyc:

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Angle</th>
<th>Detail / Accessories</th>
<th>Watt</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Juliet</td>
<td>Topaze</td>
<td>7° to 14°</td>
<td>6 COLOUR MAGAZINE, C- 640FC</td>
<td>1200w MSD</td>
<td>2</td>
</tr>
<tr>
<td>CHAUVET</td>
<td>Ovation</td>
<td></td>
<td></td>
<td>173w</td>
<td>8</td>
</tr>
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</table>

### Additional Lighting:

<table>
<thead>
<tr>
<th>Item</th>
<th>Make</th>
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<th>Detail / Accessories</th>
<th>Watt</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mirror Ball</td>
<td>Martin</td>
<td>20inch</td>
<td>With Motor</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Smoke Machine</td>
<td>Martin</td>
<td>Magnum 1200</td>
<td>DMX Extra Cost*</td>
<td>890w</td>
<td>1</td>
</tr>
<tr>
<td>UV LED Panels</td>
<td>PROSHOP</td>
<td></td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Strobe</td>
<td>Martin</td>
<td>Atomic 3000</td>
<td>DMX Extra Cost*</td>
<td>3000w</td>
<td>1</td>
</tr>
<tr>
<td>Hazer</td>
<td>Look Solutions</td>
<td>Unique 2.1</td>
<td>Extra Cost*</td>
<td>1500w</td>
<td>1</td>
</tr>
<tr>
<td>Moving light</td>
<td>Package</td>
<td></td>
<td>Extra Cost* Ask Theatre Manger</td>
<td></td>
<td>8</td>
</tr>
</tbody>
</table>
Power:
3 Phase Outlets.
(4) Dimmer Room (1 used for in-house dimmer, 1 used for in-house distro power)
(1) Control Room
(1) PS Onstage Catwalk
(1) OP Onstage Catwalk
All 32 Amp except in dimmer room, 1 is 20 Amp

Cabling:
240v Extension Cable.
The theatre has a good stock of extension lead across all sizes.

Lighting Notes:
The George Jenkins Theatre has a selection of Gobo stock. 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 with seat 28-31 removed.
Total seat allocation : 4
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 Mangers 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)

Speakers:
- **FOH System:**
  - 7 X Nexo ID24
  - 1 X Nexo ID Sub
- **Foldback:**
  - 2 X EV ZX5-60 (Down Stage)
  - 2 X EV PX1122m (Up Stage)

**Playback:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Make</th>
<th>Model</th>
<th>Detail / Accessories</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD Player</td>
<td>Denon</td>
<td>DN-C635</td>
<td>Single CD player</td>
<td>2</td>
</tr>
<tr>
<td>CD Player</td>
<td>Pioneer</td>
<td>PD-104</td>
<td>Single CD player</td>
<td>1</td>
</tr>
<tr>
<td>CD Player</td>
<td>Tascam</td>
<td>CD-01u</td>
<td>Single CD player</td>
<td></td>
</tr>
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</table>

**Microphones:**

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Detail / Accessories</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>RODE</td>
<td>NT 5</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>SHURE</td>
<td>SM58</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>MANN</td>
<td>M11</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Sennheiser</td>
<td>E815S</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Sennheiser</td>
<td>MD421</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>AKG</td>
<td>D330 BT</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Countryman</td>
<td></td>
<td>Lectern Mic</td>
<td>2</td>
</tr>
<tr>
<td>Sennheiser</td>
<td></td>
<td>Shotgun Mic</td>
<td>2</td>
</tr>
<tr>
<td>Shure</td>
<td></td>
<td>Boundary Mic with Battery Unit</td>
<td></td>
</tr>
<tr>
<td>AKG</td>
<td>D190E</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>EV</td>
<td>CS15E</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Shure</td>
<td>SM58</td>
<td>Inhouse Radio Mic</td>
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**Accessories:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Model</th>
<th>Detail / Accessories</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microphone Tall Floor stands</td>
<td>Tripod stand</td>
<td>With boom arms</td>
<td>12</td>
</tr>
<tr>
<td>Microphone Desk Stands</td>
<td>Round Base</td>
<td>Extendable insert</td>
<td>2</td>
</tr>
<tr>
<td>Microphone Small Floor stands</td>
<td>Tripod stand</td>
<td>With boom arms</td>
<td>8</td>
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</tbody>
</table>

**DI:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Model</th>
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<th>Total</th>
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<tbody>
<tr>
<td>RADIAL</td>
<td>PRO AV2</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>ARX</td>
<td>AUDIobox</td>
<td>USB DI</td>
<td>1</td>
</tr>
<tr>
<td>EDB1</td>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>BEHRINGER</td>
<td>ULTRA DI</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>BEHRINGER</td>
<td>CT100</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>BEHRINGER</td>
<td>D120</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

**Cabling:**

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

Projection Room:

Projector is hard mounted from Bridge above forestage.
Sends can be from Bio Room, SM Desk

Projectors:

<table>
<thead>
<tr>
<th>Type</th>
<th>Model</th>
<th>Detail / Accessories</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Panasonic DLP</td>
<td>PT-DZ780</td>
<td>8K</td>
<td>1</td>
</tr>
</tbody>
</table>

Screens:

Projection Screen
- Front projection screen permanently rigged 0.5m from setting line, operated by switch on PS wall at Stage Managers desk.
- Screen dimensions: 3150mm Height, 4050mm Width
- OR CYCLORAMA WALL.

AV Playback:

<table>
<thead>
<tr>
<th>Item</th>
<th>Model</th>
<th>Detail / Accessories</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD PLAYER</td>
<td>PIONEER</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>PRESENTATION SWITCHER</td>
<td>KRAMER</td>
<td>VGA,HDMI Inputs</td>
<td>1</td>
</tr>
</tbody>
</table>

Cabling:

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

Audio Visual Notes:

Input Positions for AV Playback can be in either Lecture Position (PS or OP), SM Desk, or in Control room.
BACKSTAGE:

Communications:

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.

Talkback:
Master Unit
Power unit connected to loop at LX Op position; it can handle all in-house comms connected.

Total sub stations: 8
Total headsets: 8
Radio Units In-house: 0
Talkback patching located at:
1 x Prompt Side, Stage Managers Desk
1 x Opposite Prompt
2 x LX Control Position
1 x SX Control Position (Control Room)
2 x Domes Position (Next to Bio Box).
1 x Rear Auditorium (SX Position)

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:

<table>
<thead>
<tr>
<th>Dressing Room</th>
<th>Capacity</th>
<th>Toilets</th>
<th>Shower</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dressing Rm 1</td>
<td>20</td>
<td>2</td>
<td>2</td>
<td>Used as Female</td>
</tr>
<tr>
<td>Dressing Rm 2</td>
<td>10</td>
<td>2</td>
<td>2</td>
<td>Used as Male</td>
</tr>
</tbody>
</table>

Laundry / Wardrobe:
- Washing Machines: No.
- Dryers: No.
- Drying rooms: No.
- Iron / ironing board: 1

Production Facilities:
- Production Office: No.
- Phone: Please contact Technician.
- Fax: No.
- Internet access: Yes. (Monash Free WiFi)
  (It will have a pop up every 30 minutes and users will need to agree to the terms and conditions.)

Greenroom:
- Tea / Coffee facilities: No.
- Fridge / freezer: Yes.
- Microwave: Yes.
- Running Hot water: Yes.

ADDITIONAL FACILITIES & INFORMATION:

Orchestral:
- 1 x Yamaha Grand piano (FOH).
- 1 x Yamaha Grand piano (Stage)
  *Relocation and tuning to be arranged.

Rehearsal Space: No.

VENUE:

Venue Address: George Jenkins Theatre,
Peninsula Campus
47 – 49 Moorooduc Highway Frankston 3199

Staff Contacts: Theatre Manager: Mr Brett Wingfield
- Phone Number: +61 3 9904 4214
- Email Address: brett.wingfield@monash.edu
- Fax Number: +61 3 9904 4649
Manager of Technical Services: Mr Russell Proud

Phone Number  +61 3 9905 1689
Email Address  russell.proud@monash.edu
Fax Number  +61 3 9905 1680

Box Office:

Phone Number  +61 3 9905 1111
Email Address  boxoffice@adm.monash.edu
Fax Number  +61 3 9905 1112

STAGE PLAN: