Monash University Performing Arts Centres

George Jenkins Theatre

Technical Specifications

Updated April 2021
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 Technical 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 rear of the auditorium.

- Seating capacity: 426
- Technical holds: 409

Accessibility access via Foyer Wheelchair Lift.
FLY 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:
Hanging Scenery; bars must be vertical due to the band hoop 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
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 control</td>
<td>677mm</td>
<td>DH</td>
<td>NA</td>
<td>House Curtain</td>
</tr>
<tr>
<td></td>
<td>1040mm</td>
<td>DH</td>
<td>NA</td>
<td>LX 1</td>
</tr>
<tr>
<td></td>
<td>1521mm</td>
<td>DH</td>
<td>NA</td>
<td>MS Traveller</td>
</tr>
<tr>
<td></td>
<td>2305mm</td>
<td>Hoist</td>
<td>300kg</td>
<td>LX 2</td>
</tr>
<tr>
<td></td>
<td>3110mm</td>
<td>Hoist</td>
<td>300kg</td>
<td>Scenery Bar 1</td>
</tr>
<tr>
<td></td>
<td>3479mm</td>
<td>DH</td>
<td>NA</td>
<td>Border</td>
</tr>
<tr>
<td></td>
<td>4111mm</td>
<td>Hoist</td>
<td>300kg</td>
<td>LX 3</td>
</tr>
<tr>
<td></td>
<td>4464mm</td>
<td>DH</td>
<td>NA</td>
<td>Border</td>
</tr>
<tr>
<td></td>
<td>4934mm</td>
<td>Hoist</td>
<td>300kg</td>
<td>LX 4</td>
</tr>
<tr>
<td></td>
<td>5558mm</td>
<td>Hoist</td>
<td>300kg</td>
<td>Scenery Bar 2</td>
</tr>
<tr>
<td></td>
<td>6100mm</td>
<td>DH</td>
<td>NA</td>
<td>US Traveller</td>
</tr>
</tbody>
</table>

Drapery:

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Colour</th>
<th>Total</th>
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</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>Rear Wall of Venue</td>
<td>White</td>
<td>1</td>
</tr>
</tbody>
</table>
STAGING:

**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*

- **Black Stage Chairs:** 18
- **Blue Chairs:** 30
- **Music Stands:** 10

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

**Elevated Work Platform**
- **CAT 23 (Cougar):**
  - Maximum reach: 7200mm
  - Maximum load: 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

**LOADING DOCK:**

- 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 must be installed with rated rigging equipment subject to approval by theatre management.
- No rigging hardware is available in house.
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.

FOH Bridge:
Setting Line to lighting bar  7384mm
Usable bar width             5450mm (3 sections)

FOH Truss 1
Setting Line to lighting bar: 300mm Box Truss.
Setting Line to lighting bar: 1946mm
Usable bar width: 9000mm
9 patch outlets on the bar and 4 XLR lines.

FOH Truss 2
Setting Line to lighting bar 300mm Box Truss
Setting Line to lighting bar: 3231mm
Usable bar width: 8000mm
9 patch outlets on bar and 4 XLR lines.

Dimmer Racks:
Total Dimmers              60
Dimmer Locations: 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:
Independent control        Yes.
Control positions          Control Room & Foyer.
Fade time adjustable        No.
### STAGE FIXTURES:

#### 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>Source 4</td>
<td>25°-50° Zoom</td>
<td></td>
<td>750w</td>
<td>29</td>
</tr>
<tr>
<td>ETC</td>
<td>Source 4 Jr</td>
<td>25-50°</td>
<td></td>
<td>575w</td>
<td>14</td>
</tr>
<tr>
<td>Strand</td>
<td>SL</td>
<td>15/32°</td>
<td></td>
<td>600w</td>
<td>10</td>
</tr>
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</table>

#### Fresnels

<table>
<thead>
<tr>
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<th>Detail / Accessories</th>
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<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strand</td>
<td>Patt 223</td>
<td>15° - 65°,</td>
<td>1000w</td>
<td>12</td>
</tr>
<tr>
<td>LDR</td>
<td>PC1200</td>
<td>8° - 60°</td>
<td>1200w</td>
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</table>

#### LEDs

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Detail / Accessories</th>
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<th>Total</th>
</tr>
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<tbody>
<tr>
<td>ShowPro</td>
<td>Fusionpar QXII</td>
<td>RGBW</td>
<td>110w</td>
<td>18</td>
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</table>

#### Cyc:

<table>
<thead>
<tr>
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<th>Detail / Accessories</th>
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<th>Total</th>
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<tbody>
<tr>
<td>CHAUVET</td>
<td>Ovation</td>
<td>35° - 65°</td>
<td>C- 640FC</td>
<td>173w</td>
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#### Followspot:

<table>
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<tr>
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<th>Angle</th>
<th>Detail / Accessories</th>
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<tbody>
<tr>
<td>On Request</td>
<td></td>
<td></td>
<td>Subject to availability additional Cost may apply</td>
<td></td>
<td></td>
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#### 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>
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<tbody>
<tr>
<td>Mirror Ball</td>
<td></td>
<td>20inch</td>
<td>With Motor</td>
<td></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></td>
<td>3000w</td>
<td>1</td>
</tr>
<tr>
<td>Hazer</td>
<td>Look Solutions</td>
<td>Unique 2.1</td>
<td>Subject to availability additional Extra Charge will apply</td>
<td>1500w</td>
<td>1</td>
</tr>
</tbody>
</table>

#### 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:

Dedicated control room or rear of auditorium in rows (L and K 34-38 removed).

Console:  
DiGiCo S21 (Version 12.2.1280)  
48 x Input flex-channels Mono/Stereo (equivalent of 96 DSP channels)  
46 busses: 16 x flexi-busses Mono/Stereo (equivalent of 32 DSP busses), Stereo Master (2), Solo busses (2 stereo, 4 total), and 10 x 8 Matrix (8)  
10 x Control Groups  
16 x assignable 32 band Graphic EQ

FOH System:  
7 x Nexo ID24  
1 x Nexo ID Sub  
1 x Nexo NXAmp 4x1

Foldback:  
1 x Crown, XTi 4000  
2 x ElectroVoice ZX5-60 (DPaired DS Foldback)  
2 x ElectroVoice PX1122m (Paired US Foldback)

Audio Playback

<table>
<thead>
<tr>
<th>Item</th>
<th>Make</th>
<th>Model</th>
<th>Detail</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>Tascam</td>
<td>CD-01U</td>
<td>Single CD player</td>
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Microphones/DI

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Detail / Accessories</th>
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</tr>
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<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>5</td>
</tr>
<tr>
<td>MANN</td>
<td>M11</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>SENNHEISER</td>
<td>E815S</td>
<td>Switch mic</td>
<td>2</td>
</tr>
<tr>
<td>SHURE</td>
<td>BETA 57a</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>COUNTRYMAN</td>
<td></td>
<td>LECTERN MIC</td>
<td>2</td>
</tr>
<tr>
<td>SHURE</td>
<td>Wireless SM58</td>
<td>INHOUSE RADIO MIC <em>Extra Cost</em></td>
<td>2</td>
</tr>
<tr>
<td>RADIAL</td>
<td>PRO AV2</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>ARX</td>
<td>AUDIOBOX</td>
<td>USB DI</td>
<td>1</td>
</tr>
<tr>
<td>BEHRINGER</td>
<td>D120</td>
<td></td>
<td>1</td>
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</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Item</th>
<th>Brand</th>
<th>Detail / Accessories</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microphone Stand Tall</td>
<td>K&amp;M</td>
<td>With boom arms</td>
<td>12</td>
</tr>
<tr>
<td>Microphone Stand Desk</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Microphone Stand Short</td>
<td>K&amp;M</td>
<td>With boom arms</td>
<td>8</td>
</tr>
</tbody>
</table>
Audio Cable
The George Jenkins Theatre has limited stock of 3-pin XLR cable in various lengths. There is also a limited stock of various audio adapters and connectors. All external equipment that may require specific adapters or connectors (i.e. instrument leads) are to be supplied by the hirer.

**AUDIO VISUAL:**

**Projector Position**  Hard mounted from Bridge above forestage

**Control Position**  Control room or Stage Managers desk.

**Projector:**

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

*Extra Cost*

**Projection Screens:**  Dimensions: 4500mm (H) x 9200 (W)

*Cyclorama Wall*

**AV Playback Equipment:** All playback devices should be supplied by client, and must be HDMI compatible. All necessary adaptors for HDMI conversion must be supplied by client

**AV Switching Capabilities:** Kramer Presentation Switcher (HDMI only)

**Note:**
The venue has a limited stock of SDI & HDMI cabling to facilitate projection. Input Positions for AV Playback can be in either Lecture Position (PS or OP), Stage Managers desk or in Control room.
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 arm’s length away attached to the wall.

Talk back:

Master Unit: Power unit connected to loop at LX Op position
Total Packs: 6
Total headsets: 6
Radio Units In-house: 0
Talkback patching located at: 1x 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:

<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>With 3 Clothes Racks</td>
</tr>
<tr>
<td>Dressing Rm 2</td>
<td>10</td>
<td>2</td>
<td>2</td>
<td>With 2 Clothes Racks</td>
</tr>
</tbody>
</table>

PRODUCTION FACILITIES:

Tea / Coffee facilities: No.
Fridge / freezer: Yes.
Microwave: Yes.
Running Hot water: Yes.
Washing Machines: No.
Dryers: No.
Drying Rack: 5
Iron / ironing board: 1
VENUE:

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

Theatre Manager:  Mr Brett Wingfield  
Phone Number +61 3 9904 4214  
Email: brett.wingfield@monash.edu

Technical Manager:  Mr Matthew King  
Phone Number +61 3 9905 1689  
Email: matthew.king@monash.edu

Website:  https://www.monash.edu/performing-arts-centres/