

Please confirm all critical measurements on site.

### STAGE FACILITIES

#### STAGE

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- Fixed Proscenium Arch with adjustable header
- Main Stage, Forestage, Rear Stage, OP Side Stage
- Single Purchase Counterweight Flying System operated from prompt side of stage and forestage

Note - Setting Line is the back of Proscenium Arch

- To allow for the use of trapdoors and heavy machinery, the stage floor is not sprung
- For dance productions a 30mm thick portable *Biltflor* sprung dance floor with black *Tarkett* covering is available

#### STAGE DIMENSIONS

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• Proscenium Height - variable	standard 7.0m max 8.6m
• Proscenium Width	12m
• Apron Depth (from setting line)	1.2m
• Forestage (Orchestra Pit) Lift Depth along centre line	3.4m
• Load-in door dimensions (from dock to stage)	8.8m x 3.7m
• Height of Stage Level from auditorium floor	910mm
• Stage Depth to last flying line from setting line	11.9m
• PS proscenium to fly rail PS	6.5m
• OP proscenium to OP side stage wall	19.3m
• Clear height from stage floor to fly floor over	8.8m
• Distance between PS & OP fly floor	21.0m
• Distance from setting line to sound curtain	13.3m
• Distance from setting line to back wall of rear stage	22.4m
• Setting line to House Curtain	410mm
• Stage to underside grid	22.9m
• Stage to grid floor	23.0m

#### REAR STAGE

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• Width of Rear Stage (wall to wall)	17.3m
• Depth of Rear Stage from sound isolation door	8.9m
• Clear height of Rear Stage	9.0m
• Manual winch lines in Rear Stage (500kg WLL)	4
• Clear height under winched battens	8.7m

#### SIDE STAGE

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• Width of Side Stage from fly floor over	14.8m
• Depth of Side Stage	11.7m
• Clear height of Side Stage	9.0m

## ACCESS

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- Auditorium to stage access via pass door **PS & OP**
- Crossover location PS to OP **Rear of rear stage**  
**Under stage**  
**Rear wall of three fly galleries**

## FLYING SYSTEM

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- Flying Line Rope Locks at stage level PS
- Maximum Weight per Counterweight Set **700kg**  
(500kg normal + 200kg slave cradle)
- Six Line Pickup (3.0m centres) **6mm wires**
- Number of Flying Lines in Forestage **5**
- Number of Flying Lines in Main Stage **80**
- Number of Panorama bars each side (Counterweight operated) **2**
- Distance of Panorama bars from centre line **10.0m; 10.2m**
- Number of Panorama bars for lighting ladders each side **1**  
(Electric Winch operated) 1 tonne UDL
- Distance of Panorama bar for lighting ladders from centre **9.5m**
- Batten dimensions **75 x 50 RHS**
- Batten length **17.0m extendable to 18.0m**
- Batten drift **22.5m adjustable to 23.0m**
- Batten centres **150mm**
- Stage to Fly Floors and Grid Winch (Upstage OP) **2000kg SWL**

## HOUSE CURTAIN

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- Counterweight operated PS **C/W Line No.3**
- House Curtain is velour with 100% fullness - colour **Tyrian Purple**
- French Action available on request

## STAGE SOFT FURNISHINGS

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- Legs
  - Black Wool flat soft – main stage **12 off 5.0m x 11.0m**
  - Black Wool flat soft - rear stage **6 off 2.0m x 9.0m**
  - Black Wool flat soft - Panorama **24 off 2.0m x 11.0m**
  - Black Velour flat hard – main stage **12 only 8.5m x 2.4m**
- Borders
  - Black Wool flat soft **4 off 6.0m x 18.0m**
  - Black Wool flat soft **4 off 4.0m x 18.0m**
  - Black Wool flat soft **2 off 1m x 12.0m**
  - Black Wool flat soft **3 off 2.0m x 18.0m**
  - Black Velour flat soft **6 off 4.0m x 18.0m**
- Smothers
  - Black Wool flat hung on Line 1 as smoke blanket **1 off 11.0m x 16.0m**
  - Black Wool flat **1 off 11.0m x 17.0m**
  - Black Wool flat **1 only 9.0m x 17.0m**

Black Velour flat	<b>2 only 11.0m x 18.0m</b>
• Tabs	
Black Wool flat	<b>2 only 11.0m x 12.0m</b>
Cyclorama framed white plastic (fixed position 11.8m from setting line)	<b>1 off 10.0m x 18.0m</b>

Additional stage furnishings are available on request to the Manager Staging.

### **ORCHESTRA PIT**

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- Orchestra Pit Lift (3 section lift each section is able to operate independently at all levels)
- Orchestra Pit accommodates approx **50** musicians

Additional equipment is available for hire on request to the Manager Staging.

## LIGHTING FACILITIES

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### LIGHTING DESK

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- Grand MA full size control with remote focus unit  
Base system 4 x Universes of DMX

### DIMMERS

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- *Front-of-House:*
  - 10 amp Bytecraft 144
  - 20 amp Bytecraft 12
- *Front-of-House Slots:*
  - PS 10 amp Bytecraft 48
  - OP 10 amp Bytecraft 48
- *Grid Dimmer Room:*  
(Cable Reelers to Lighting Spotbars and Ladders)
  - 10 amp Bytecraft 288
  - 20 amp Bytecraft 66
- *Fly Galley 1 OP:*
  - 10 amp Bytecraft 12
  - 20 amp Bytecraft 12
- *Stage Basement:*  
(Stage, Basement and Orchestra Pit Patch Panels)
  - 20 amp Bytecraft 60

Flexible patching facilities are available for FOH Bridges, Balcony Front, Slots, Fly Floor 1 PS, OP & C, Stage, Stage Basement and Orchestra Pit.

### FOLLOW SPOTS

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- Robert Juliat Korrigan 1200w HMI 3
- The Follow Spot room is located at centre of Bridge Four.

## LIGHTING POSITIONS

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- *Front-of-House:*
  - Bridge One
  - Bridge Two
  - Bridge Three
  - Bridge Four
- *Balcony Position:*
- *Lighting Slots PS and OP*
  - Slot One
  - Slot Two
  - Slot Three

Angles and distances may be obtained on request to Manager Lighting.

### Stage

- Stage Lighting Bars 5.5m sections
- Stage Lighting Ladders (6 rung PS and OP, on tracks) 5 per section

### PS&OP

Stage Lighting Bars and Stage Lighting Ladders are fed from cable reelers on the grid.  
Each cable reeler has ten (10) 10 Amp Dimmers, one (1) 20 Amp Dimmer and one (1) 20 Amp FX circuit.

Five (5) six rung lighting ladders PS&OP tracked on lighting Panorama bar.

## ALLOCATED LIGHTING INSTRUMENTS

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- *Front-of-House:* (Permanently rigged and patched)
  - Bridge One
    - 8 off 1K Selecon Pacific 5/13°
    - 24 off 1K Selecon Pacific 12/28°
    - 2 off 1K Nocturne Worklight
  - Bridge Two
    - 6 off 1K Selecon Pacific 5/13°
    - 24 off 1K Selecon Pacific 12/28°
  - Bridge Three
    - 24 off 1K Selecon Pacific 5/13°
  - Bridge Four
    - 12 off 1K Selecon Pacific 5/13°
  - *Balcony Front Slot:* (Permanently rigged and patched)
    - 8 off ETC Source 4 575w 19°
    - 4 off ETC Source 4 575w 26°
  - *Lighting Slots:* (Permanently rigged and patched)
    - Slot One PS & OP each
      - 8 off 1K Selecon Pacific 12/28°
      - 4 off 1K Selecon Pacific 23/50°
      - 4 off 1K Selecon Pacific 5/13°
    - Slot Two PS & OP each
      - 8 off 1K Selecon Pacific 12/28°
      - 4 off 1K Par 64 Supercans MFL
      - 4 off 1K Selecon Pacific 5/13°
      - 6 off 1K Selecon Pacific 12/28°
    - Slot Three PS & OP each
      - 2 off ETC Source 4 575w 19°
      - 4 off ETC Source 4 575w 26°
      - 1 off 1K Par 64 MFL
      - 1 off 1K Par 64 NSP
  - PS & OP Ladders (5 per side) each:  
(Permanently rigged and patched)
    - 5 off ETC Source 4 575w 10°
    - 20 off ETC Source 4 575w 19°
    - 60 off ETC Source 4 575w 26°
    - 30 off ETC Source 4 575w 36°
    - 10 off ETC Source 4 575w 50°
  - Stage (Rigged as required)
    - 10 off 650w Selecon Acclaim Fresnel
    - 20 off 1200w Selecon Fresnel
    - 20 off 1200w Selecon PC
    - 60 off 2K Arena Fresnel
    - 6 off 5K Pollux Fresnel
    - 20 off 1K Par 64 MFL
    - 20 off 1K Par 64 NSP
    - 8 off 1K Iris 4
    - 10 off 1K Pallas 1
    - 6 off 1K Nocturne Worklight
    - 10 off 1K Orion 4
  - Floor
    - 4 off ETC Source 4 575w 26°
  - 10 Boom Trolleys each with 4m pipe

## **AUXILIARY POWER**

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A/V – Nil

### 3 phase

1 x 40A DSPPS

1 x 40A DSOP

2 x 40A USPPS

2 x 40A USOP

1 x 100A 'Marachel' Rear stage OP

1 x 100A 'Marachel' Rear stage PS

Additional lighting accessories and equipment are available for hire on request to the Manager Lighting.

## **SOUND FACILITIES**

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- Mixing Console **1 off Midas Heritage 1000 32 Channel**
- Proscenium Speakers **4 off Meyer UPA1P**
- Sub Woofers **2 off Meyer USW1P**
- +Central Cluster Speakers **2 off Meyer UPA1P**
- Front Fill Speakers **4 off Meyer UPM1P**
- Effects Speakers **4 off Meyer UPM1P**
- Foldback Speakers **2 off Meyer UM100P**  
**4 off Meyer UPA1P**
  
- Routing and Equalisation **2 off BSS Soundweb 9088**  
**3 off Klark Technic DN360**  
**2 off dbx 1066**
  
- Compression **1 off TC Electronic M2000**
- Effects
- Playback Sources **2 off Denon C635 Compact Disc Player**  
**2 off Denon DNM1050R Minidisc Recorders**
  
- Microphones **8 off Dynamic Microphones**
- Communication **Clearcom 2 Loop Talkback System**  
**Leon Audio 12 Channel Cue Light System**  
**Stage View**  
**Low Light Stage View**  
**Conductor View**
  
- Video Monitoring
  
- Infra-red Audio Description/Hearing Impaired System **2 Channels**

Additional equipment is available for hire on request to the Manager Audio/Visual.