

# PLAYHOUSE

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

### REAR STAGE

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

### SIDE STAGE

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

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

- Tabs

Black Wool flat

**2 only 11.0m x 12.0m**

Cyclorama framed white plastic

(fixed position 11.8m from setting line)

**1 x 10.0m x 18.0m**

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 **30** 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 2 light control with wireless remote.  
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 **24**
  - 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 x 1K Selecon Pacific 5/13°  
24 x 1K Selecon Pacific 12/28°  
2 x 1K Nocturne Worklight

Bridge Two

6 x 1K Selecon Pacific 5/13°  
24 x 1K Selecon Pacific 12/28°

Bridge Three

24 x 1K Selecon Pacific 5/13°

Bridge Four

12 x 1K Selecon Pacific 5/13°  
8 x ETC Source 4 750w 19°  
4 x ETC Source 4 750w 26°

- *Balcony Front:* (Permanently rigged and patched)

- *Lighting Slots:* (Permanently rigged and patched)

Slot One PS & OP each

8 x 1K Selecon Pacific 12/28°  
4 x 1K Selecon Pacific 23/50°  
4 x 1K Selecon Pacific 5/13°  
8 x 1K Selecon Pacific 12/28°  
4 x 1K Par 64 Supercans MFL 110v

Slot Two PS & OP each

4 x 1K Selecon Pacific 5/13°  
6 x 1K Selecon Pacific 12/28°

Slot Three PS & OP each

- PS & OP Ladders (5 per side) each:  
(Permanently rigged and patched)

2 x ETC Source 4 575w 19°  
4 x ETC Source 4 575w 26°  
1 x 1K Par 64 Supercans 110v MFL  
1 x 1K Par 64 Supercans 110v NSP

- Stage (Rigged as required)

5 x ETC Source 4 575w 10°  
20 x ETC Source 4 575w 19°  
60 x ETC Source 4 575w 26°  
30 x ETC Source 4 575w 36°  
10 x ETC Source 4 575w 50°  
10 x 650w Selecon Acclaim Fresnel  
20 x 1200w Selecon Fresnel  
20 x 1200w Selecon PC  
60 x 2K Arena Fresnel  
6 x 5K RJ Fresnel  
20 x 1K Par 64 MFL 110v  
20 x 1K Par 64 NSP 110v  
8 x 1K Iris 4  
10 x 1K Iris 1  
6 x 1K Nocturne Worklight  
10 x 1K Orion 4  
4 x ETC Source 4 575w 26°

- Floor

- 10 Boom Trolleys each with 4m pipe

## **AUXILIARY POWER**

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A/V – Nil

### 3 phase

1 x 40A DSPS

1 x 40A DSOP

2 x 40A USPS

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 x Midas Heritage 1000 32 Channel**
- Proscenium Speakers **4 x Meyer UPA1P**
- Sub Woofers **2 x Meyer USW1P**
- +Central Cluster Speakers **2 x Meyer UPA1P**
- Front Fill Speakers **4 x Meyer UPM1P**
- Effects Speakers **4 x Meyer UPM1P**
- Foldback Speakers **2 x Meyer UM100P**  
**4 x Meyer UPA1P**
- Routing and Equalisation **3 x Lake LM26**  
**3 x Klark Technic DN360**
- Compression **2 x dbx 1066**
- Effects **1 x TC Electronic M2000**
- Playback Sources **2 x Denon C635 Compact Disc Player**
- Microphones **8 x Dynamic Microphones**
- Communication **Clearcom 2 Loop Talkback System**  
**Leon Audio 12 Channel Cue Light System**
- Video Monitoring **Stage View**  
**Low Light Stage View**  
**Conductor View**  
**2 Channels**
- Infra-red Audio Description/Hearing Impaired System **2 Channels**

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