

## Auditorium Seating

The Powerhouse Theatre is a versatile venue with a variety of configurations. The standard venue hire includes the venue in standard mode. The tables below detail the different configurations possible within venue. Any changes from standard mode will incur a labour cost to complete the necessary changes.

### STAGE CONFIGURATIONS

Configuration	Seating sections	Capacity
<b>Standard Mode</b>	Removable Pit Seating	72
	Stall Rows A to O	353
	Lower Gallery stage right	16
	Lower Gallery Stage left	16
	Upper Gallery stage right	24
	Upper Gallery stage left	26
	Balcony (2 rows)	49
<b>Total Capacity</b>		<b>556</b>
<b>Dance Mode</b>	Removable Pit Seating	Nil
	Stalls Seating Row	353
	Lower Galleries	32
	Upper Galleries (restricted viewing applies)	50
	Balcony Seating (restricted viewing applies)	49
	<b>Total Capacity</b>	
<b>Cabaret Mode</b>	Removable Pit Seating	Nil
	Stalls Seating Row C to J Only	188
	36 tables with 6 chairs each	216
	Lower Galleries	32
	Upper Galleries	50
	Balcony both rows	49
	<b>Total Capacity</b>	
<b>Extended Seating Mode</b>	Removable Pit Seating	Nil
	Stall Rows A to O	353
	Flat floor chairs	256
	Lower Gallery stage right	16
	Lower Gallery Stage left	16

Upper Gallery stage right	24
Upper Gallery stage left	26
Balcony (2 rows)	49
<b>Total Capacity</b>	<b>740</b>

### Flat Floor Mode

Removable Pit Seating	Nil
Stall Rows A to O	Nil
Lower Galleries	32
Upper Galleries	50
Balcony (2 rows)	49
Standing Room	729
<b>Total Capacity</b>	<b>860</b>

### Reduced Seating Mode

Removable Pit Seating	72
Stall Rows A to I	186
Lower Galleries	32
Upper Galleries	50
<b>Total Capacity</b>	<b>340</b>

### STAGE DIMENSIONS

#### Standard Mode

Stage size when sunken pit seating is open

- Stage depth – 10m\*
- Stage width – 17m

#### Dance Mode

Stage size when in dance mode

- Stage depth – 13m\*
- Stage Width – 17m

#### Cabaret Mode

Stage size in Cabaret mode (made of rostra at a height of 600mm)

- Stage depth – 5m
- Stage width – 8m
- Seating is 8 rows of retractable seating with 36 round tables

#### Extended Seating Mode

Stage size in Extended Seating mode (made of rostra at a height of 1000mm)

- Stage depth – 4m
- Stage width – 10m



### Flat Floor Mode

Stage size in Flat Floor Mode (made of rostra at a height of 1000mm)

- Stage depth – 5m
- Stage width – 8m

\*Please note:

- Use of the Cyclorama and rear tabs will reduce stage depth by 1m. This can be decreased to 0.5m if required. Please contact Brisbane Powerhouse for details.
- Use of either the Black Tabs or Cyclorama will reduce stage depth by 5m. Please contact Brisbane Powerhouse for details.

COMPUTER AIDED DESIGN (CAD) DRAWINGS OF THE VENUE DISPLAYING GRID, STAGE AND LIGHTING LAYOUT ARE AVAILABLE FROM THE VENUE. THESE CAN BE DOWNLOADED FROM THE BPH WEB SITE IN PDF FORMAT IN A3 SIZE. DRAWINGS ARE CREATED IN WYSIWIG AND CAN BE EXPORTED TO .DWG AND .DXF. IF YOU REQUIRE PLANS PLEASE CONTACT THE HEAD OF PRODUCTION ON (07) 3358 8690 OR YOUR PRODUCTION MANAGER FOR FURTHER DETAILS.

### Staging

Brisbane Powerhouse has a basic supply of staging and rigging equipment available. Height safety equipment required in each venue is provided as part of venue hire. Additional rigging equipment is available for hire if required. All rigging must be installed by an appropriately licensed rigger. Brisbane Powerhouse can provide a licensed rigger for a fee if required.

Additional staging equipment including soft blacks, rostra and treads are available for hire. Please contact Brisbane Powerhouse for the complete list of equipment available

### RIGGING

- Fixed catwalks of 48mm heavy wall steel scaffold pipe
- Lower lighting rail height is 9.6m m to the underside of the pipe
- Upper lighting rail height is 10.5m to the underside of the pipe
- 60kg per metre distributed load on lighting rail
- 75mm Universal beams (UB) span the roof from US to DS spaced 2.1m apart and are 11.5m from floor to underside of beam
- concentrated load on roof UB: 1000kg offstage
- girders, 450kg onstage girders
- distributed load on all roof girders 225kg/m
- 4 powered fly bars with a distributed load capacity of 500kg or a single point load of 150kg.

- 1 x 14m bar of 300mm Global tri truss suspended from 3 x 1 tonne chain motors. (subject to prior agreement and SWL)

\*NB Grid loads are all co dependant, therefore all rigging must be submitted to Brisbane Powerhouse rigger a minimum of 6 weeks prior to bump-in so load calculations can be completed.

### STAGE FLOOR

The Stage is a sprung timber dance floor. The top deck is 6mm thick masonite painted black with Dulux X10. The floor has a 750kg per square meter point load.

### DRAPES

The venue comes supplied with

- 2 x rear tabs, 8.0m x 9.0m each on track rigged from US box truss (75% fullness)
- 2 x mid stage tabs, 8.0m x 10.5m on track rigged from on motorized bar 3(75% fullness)
- 6x, 2.0m x 6.9m flat wool legs
- 2 x 3.0m x 6.9m flat wool legs
- 1 x white cyclorama, 14.0m x 9.0m (not standard)
- 1 x 4.5m deep black border (flat) (not standard)
- PS and OP Panorama masking

### Lighting

The lighting grid is a fixed catwalk grid consisting of 5 bridges with lighting pipe located on the up stage and downstage sides of each catwalk with a height to the underside of the lowest lighting rail of 9.6m. For point loads and rigging information refer to rigging section above. The space comes with the equipment listed below as part of the hire. A square one rig providing a basic four colour wash and specials can be rigged and focused for an additional cost. Additional lighting equipment is available for hire. Please contact Brisbane Powerhouse for the complete list of equipment available for hire.

### LIGHTING FIXTURES

- 30 x ETC 750w source four 19 degree
- 20 x ETC 750w source four 26 degree
- 6 x ETC 750w source four 25/50 zoom
- 6 x ETC 750w source four 15/30 zoom
- 38 x Robert Juliat 329 2k Fresnel's
- 10 x Robert Juliat 329 2k PC
- 48 x Kupo 110 v par 64 scroller can
- 12 x Kupo110 v par 64 can

- 10 x Selecon 1.2k compact PC
- 5 x Selecon Aurora 1250w 4 cell cyc battens
- 6 x Honeycomb 36 LED unit (permanent position in grid for wall/cyc wash)
- 6 x Honeycomb 36 LED unit (mounted on –H-stand for use as ground row)
- 2 x LDR Canto 1200w MSR follow spots (located on bridge one)

#### **ACCESSORIES**

- 10 x Iris' four ETC source four profiles
- 20 x 'B size' gobo holders
- 10 x medium breakup gobos for Source four profiles
- 10 x vertical slot gobo for Source four profiles
- 10 x horizontal slot gobos for Source four profiles

#### **LIGHTING CONTROL**

- 12 HP 12 digital dimmer racks
- 1 HP 6 digital dimmer rack
- 1 x Grand MA lighting console with NSP
- 2 streams DMX distributed via LSC ISO ports
- House lights are controlled via Dyalite
- DMX control of house lights is available if required.

## **Power**

Brisbane Powerhouse works on a distributed dual earth power system. The audio system operates on a true online Uninterrupted Power Supply (UPS) to condition the power and is on a separate earth to main power distribution. All audio points are red in colour. 40 amp 3 phase outlets are distributed around the room and as a result the venue uses distributed dimming. As part of the venue hire a limited supply of 240v leads are available. Additional 3 phase leads and weiland cables are available for hire. Please contact Brisbane Powerhouse for the complete list of equipment available for hire.

#### **Power Distribution**

- 8 x 40 amp 3 phase outlets in grid
- 4 x 40 amp 3 phase outlets in rear stage 2 on stage
- Left, 2 on stage right
- 2 x 40 amp audio 3 phase outlets located prompt side at grid level (protected by a single 63 amp mains breaker)
- All audio power is run on a separate earth and is filtered by a UPS

- Audio outlet locations are listed below in the Sound specifications

## **Sound**

The Powerhouse Theatre comes supplied with a full front of house audio system and a minimal amount of fold back. The system includes console, graphic equalisation, compression, CD and playback. The system runs L-Acoustics Front of House (FOH) boxes with a 2x BSS omni drive processor providing the room Equalisation. The system as standard runs FOH in stereo with subs and front fill in mono. A limited supply of 3 pin XLR leads and adaptors are available as part of venue hire. Additional audio equipment is available. Please contact Brisbane Powerhouse for the complete list of equipment.

#### **FOH Control**

- Front of house audio control Digico SD8-24, 60 inputs, 24 outputs with onboard effects and dynamic equalisation.
- 2 x BSS Omni drive compact processor
- 2 x Tascam CD-01U-Pro

#### **Cabinets**

- 6 x L-Acoustics Arcs, 3 left and 3 right
- 4 x L-Acoustics Kiva, 2 left 2 right
- 2 x L-Acoustics, SB28 subs
- 4 x L-Acoustics Kiva, front fill
- 2 x Martin Audio EM186, stage side fill

#### **Amplifiers**

- 1 x L-Acoustics, LA 8 powers left and right Arcs
- 1 x L-Acoustics, LA 8 powers subs
- 1 x L-Acoustics, LA 4 powers left and right Kiva
- 1 x L-Acoustics, LA 4 powers Kiva front fill

#### **Fold Back**

- 2 x QSC PL 236 dual channel amplifiers
- 4 x Martin LE12JB fold back wedges
- Fold back console, Digico SD9 and additional fold back is available on request.

#### **Microphones/DI**

- 2 x Shure SM58 microphones
- 2 x Shure SM57 microphones
- 4 x Radial J48 DI

## **Stage Management System**

The Stage management system within the theatre comprises of a Stage Managers Desk (SMD) which can be located in the control room or either back stage left or right. The system has



full paging and relay to the dressing rooms attached to the Powerhouse Theatre. As part of venue hire talk back is provided at the SMD, sound desk and lighting desk as well as one additional set for back stage. Additional talk back is available for hire if required.

**Stage Managers Desk**

- Inbuilt cue light system
- Paging to dressing rooms (5-7) attached to the theatre
- Stage Camera (full colour) located on center of balcony
- Stage monitor located in Prompt Corner
- Stage relay to SMD and dressing rooms and corridors
- Clear-com talk back base station with Beyer DT109 headsets
- 4 additional belt packs and Beyer headsets provided with venue hire.

**Pianos**

Brisbane Powerhouse has the following pianos available for hire:

- 1 x Yamaha 52 key Upright piano
- 1 x 5'1" Boston 52 key Baby Grand piano
- 1 x 9' Steinway model D piano

**Miscellaneous**

**Assisted Listening System**

The Venue is equipped with an UHF assistive hearing system for patrons. Head sets are collected by patrons from box office as needed.

**Fire Evacuation & Work Place Health & Safety**

All visiting clients including crew and cast must undergo a venue specific induction, regarding fire evacuation and workplace health and safety. A copy of the Brisbane Powerhouse fire evacuation procedure is available on request

It is a requirement of Brisbane Powerhouse Work Place Health and Safety that closed in shoes be worn on stage for all site inspections, bump in and bump outs

**Risk Assessment**

Shows which are deemed to contain an item or event that may cause a potential Hazard may be required to complete a risk assessment in consultation with Brisbane Powerhouse.

**Loading Access**

Brisbane Powerhouse has 2 loading dock facilities. The lower loading dock accessible from the car park provides access to the Powerhouse theatre for rear loading trucks and vehicles via a lift from the ground floor. Please see below for access dimensions.

The upper loading accessible by prior arrangement with Brisbane Powerhouse provides direct stage access to the Powerhouse Theatre for rear loading trucks and vehicles. The upper loading dock can accommodate a 40' semi-trailer. A forklift is available via prior arrangement with Brisbane Powerhouse for side loading trucks. Please see below for access dimensions.

**Lower Loading Dock:**

Door clearance:	2.7m x 3.5m (W x H)
Vehicle clearance Height:	3.7m
Corridor clearance:	1.76 x 2.73 (W x H)
Loading height:	Ground

**Lift dimensions:**

Door width:	1.3m
Door height:	2.0m
Internal (mm):	1500 x 2300 x 2170 (W x D x H)
Capacity:	1700 Kg

**Upper Loading Dock:**

Door width:	3.2m
Height clearance:	5.5m
Loading height:	0.7 – 2.0m
Table lift capacity:	2000kg

**Smoking Policy**

The Brisbane Powerhouse is a non smoking venue. Persons who smoke are required by law to smoke only in Designated Smoking Areas (DSA) as marked on the Smoking Management Plan, available on the Brisbane Powerhouse web site.

**Insurance**

Details of insurance provided with venue contract.