

## OVERVIEW

The Brighton Theatre Auditorium is, as described, a Black Box theatre design featuring a Masonite ply flat floor painted in a traditional low sheen theatre black. The stage is set with tormentor drapes, located either side of the main performance area with a fixed apron running the width of the stage. Traditionally, 'Black Box' theatres did not have a proscenium arch however Brighton Theatre's design allowed for these two 'tormentor drapes' to be placed either side of the wide open stage, creating both a 'false' proscenium arch as well as side wings and a back stage area.

In addition to the tormentor drapes, a subtle black apron runs across the top of the stage, allowing for a motorised tab track to be installed for the opening and closing of the front-of-house stage curtains. With three removable wings per side and a retractable rear black drape back drop or motorised projection screen (used as a cyclorama), the stage has been designed to ensure it will not interfere with any set design.

In its fully open form, the stage can be all but bare with no drapes, wings or cyclorama's in the performance space (please note however that the tormentor drapes are non-removable); this allows for the greatest of flexibility in any stage designs or usage. Alternately, with all stage wings in place, the upstage projection screen down and rear black drapes masking the screen, this flexible space has been transformed into a fully functioning theatre venue.

A comprehensive range of industry standard Lighting, Audio and Vision equipment has been installed into the Brighton Theatre ensuring that the right technology for your event is at your fingertips. Further, with motorised fly bars and additional rigging abilities, Brighton Theatre has the flexibility to add dramatic effects to any performance or exhibition.

### AUDITORIUM GENERAL

- Low sheen black floor with black walls and ceiling
- HD LCD Data projector - connected via HDMI
- 400" projection screen (left to right)
- Professional 3 speaker (L+C+R) Professional PA system with Subwoofer re-enforcement
- Standard lighting rig - stage wash and moving profiles, LED, decal, specials, par cans and follow spots
- Rigging system for added lighting equipment if required
- Lectern with microphone
- Bio Box - located at the rear of the audience with control for Audio, Video and Lighting
- Wired Intercom system between Bio Box, stage, workshop, ticket box, dressing rooms and general back stage areas
- EWP - VL class (vertical personnel lifter)

### AUDITORIUM CAPACITY

- 332 fixed seats (max capacity) with reserved space for disable access

### AUDITORIUM AREA

- Whole Floor, open no wings (including seating): 20m wide x 20m deep (approx. 400m<sup>2</sup>)

## OVERVIEW (CONT.)

### STAGE DIMENSIONS

The stage is designed to be a fully flexible space - the dimensions below are maximums to fixed items. Relative stage size can be altered through the use of the curtains - refer to the masking section for further details.

- Stage Width 20.0m
- Opening width between front leg curtains 13.0m
- Stage Depth (front leg curtains to cyclorama) 6.7m
- Depth from front curtains to front row of fixed seats 3.85m
- Stage (no seating, cyclorama, wings): 20m wide x 10.55m deep (approx. 211m<sup>2</sup>)
- Stage with wings and cyclorama, (no seating): 13m wide x 6.7m deep (approx. 87m<sup>2</sup>)

### STAGE SURFACE

- Ply floor covered with 4.8mm Masonite, painted theatre black (low sheen)

### STAGE MASKING

The theatre is fitted with the following soft masking items:

- Fixed (2) - Black velvet legs (tormentor drapes) to front of stage 5.4m high x 2.4m wide
- Fixed Tab Track (2) - Motorised black velvet 5.4m high x 9.2m wide - Main FOH stage drape (fully opened, these are hidden by the tormentor drapes)
- Draw (6) - Black 'school-wool' legs stage left (3) and right (3) 5.8m high x 2m wide located with a 1.5m spacing between each other and a 2.0m spacing to the rear draping. Drapes are on tab track and operable from closed wall to open position
- Masking: (2) Black 'school-wool' 5.8m high x 9.2m wide located on a 'C' track can be used as a black backdrop, masking to the rear screen, a stage divider or, stored off to the stage left side of stage in the wings

### CYCLORAMA

Brighton Theatre is equipped with a 400" (left to right) motorised Screen Technics projection screen. This screen is 'bottom roller' and has back masking at the bottom, top and sides. Projected image sits approximately 100mm off the stage floor.

### STAGE ACCESS

The stage can be accessed from both sides via light locks (one accessible from the foyer and the other from the workshop). The stage can be crossed from side to side behind the cyclorama/rear screen or black draping (if used). Both lighting traps are equipped with standard white lighting or 'stage blue' lighting.

## OVERVIEW (CONT.)

### BACK STAGE

Depending on the configuration of Brighton Theatre with its movable masking, back stage area can consist of wings to the stage left and right, as well as a walk through from either side behind the rear Cyclorama/rear drape. Located directly behind the rear wall of the auditorium. Additionally there is back stage area when utilising the workshop and dressing room spaces. Please see staging section below regarding full backstage, dressing room and performer amenities.

### BIO BOX (Control room)

Located at the back of the auditorium, the Bio Box can be accessed either through the audience or via the rear stairs, from the backstage corridor. Alternate control to basic Audio, Lighting and Vision can be accessed stage left of stage in the Stage Manager position - via iPad and RTI touch screen systems.

### SYSTEM CONTROL

Brighton Theatre is equipped with RTI system animation control. With a 7" touch panel located on stage (stage left wall in wing) and a 7" touch panel located in the control room. This automation system allows for ease of control of all technology within the Auditorium when the system is in basic mode (Presentation mode). When the system is placed in 'Theatre Mode', all control is sent to individual Audio, Visual and Lighting control systems.

### FOYER / PRE-FUNCTION

The stunning foyer of 160m<sup>2</sup> features stunning soft furnishings, round cocktail tables, a multifunctional 60" LCD monitor, dedicated box office with secure cash drawer and a monitor showing live camera feed from the stage plus a servery with ample serving space and refrigeration for food and beverage service.

- 160m<sup>2</sup>
- Male, female and disabled toilets
- 60" LCD monitor with live sound and camera feed from the stage or Local input in the ticket box for holding slides or sponsor loops

### BOX OFFICE

- Apple iMac computer
- Secure cash drawer
- 17" monitor with live sound and camera feed from the stage
- 55" Monitor hung above the rear door, with linked to the iMac for showing ticket pricing and information
- Can be closed down when not attended with roller shutter

## OVERVIEW (CONT.)

### SERVERY

- Provision for service of drinks and food
- Secure cash drawer
- 2 x Vintec bar/wine fridges
- Running boiling water
- Basic kitchen facilities (microwave, kettle, 2 x urns)
- Secured by roller shutter

### ACCESS

Car parking is available via Ilfracombe Avenue (89 spaces) or King George Avenue (110 spaces). Additional on-street parking is available around Brighton Performing Arts Centre's location in surrounding streets. Please make note of the Holdfast Council's parking signage/regulations.

### DELIVERY ACCESS

Deliveries to the workshop for Brighton Concert Hall and Brighton Theatre, via the 4m x 3.5m roller door accessible from King George Avenue.

## AUDIO

### MIXING CONSOLE

- 1 x Roland M-200i V-Mix digital mixer
- 1 x iPad Air2 running Roland M-200i software
- 1 x Roland S-1608 stage unit, 12 inputs, 8 outputs
- 1 x BSS BLU-100 The Sound-web London BLU-100 fixed configuration.

### SPEAKERS

Front of House:

- 3 x JBL AC28/26 Speakers 750w - left, right and centre. Flown in front of stage apron
- 2 x JBL ASB6112 12" Subwoofer 1000w. Flown in front of stage apron

Control Room Monitoring:

- 2 x JBL AC16 speakers 320w. Mounted either side of Audio Control

Foldback:

- 4 x JBL PRX 412 passive foldback speakers

Stage Monitor:

- 2 x Turbo-sound Milan M15 450w self-powered speakers located left and right of stage for stage monitor

All JBL speakers are powered with Crown power amplifiers

### MICROPHONES AND ACCESSORIES

- Lectrum L20 Lectern with collapsible laptop shelf and Shure MX412/418 microphone
- 8 x Shure SM58 microphones
- 1 x Sennhieser 300 series radio mic kit with handheld or headset microphone
- 2 x Sennhieser 100 series radio mic kits with handheld or headset microphones
- 1 x Denon CD Player DNC615
- 1 x Apple iMac computer
- Cordial/Neutrik microphone cables
- König & Meyer (K&M) microphone stands
- Radial passive, active, USB and PC audio DIs

### STAGE SOUND RELAY

Stage sound is provided to the dressing rooms, workshop and box office via the installed 32" LCD screens used for camera feed.

### SOUND FOR THE HEARING IMPAIRED

A hearing induction loop is provided and is run through the main sound systems.

## LIGHTING

### LIGHTING CONTROL

- High End Systems Hedge Hog 4 N Lighting Console
- Apple iMac (iOS or Windows) Computer with Hog 4 PC.

### DIMMERS

- 8 x Jands FPX dimmers with DMX control,
- 2 x Jands DD8 DMX ISSO splitters.

Power restraints for the venue make each dimmer rated to 20 amps per phase. One dimmer is at ground level at rear of the stage (USR). The remainder are flown on the lighting bars.

### LAMP FIXTURE STOCK

- 9 x Selecon Pacific profiles 23/50° with 1000w
- 3 x Selecon Pacific profiles 12/28° with 1000w
- 2 x Rosco i-cue mirror, (for 12/28 Pacifics)
- 8 x Selecon Acclaim fresnels 600w
- 16 x DTS Scena fresnels 1000w
- 20 x ETC Source Four jr Zoom Luminaire 25-50 Deg Ellipsoidal Profile
- 2 x Martin MH1 Profile Plus moving head fixtures
- 20 x Par 64 MFL par-cans 240V 1000w
- 24 x Chroma COLOR FORCE 12 LED RGBA-I fixtures
- 2 x MOON 575 follow spots.

Refer to patch list for lighting channels and spare locations. Refer to lighting layout standard rig plan for light locations - this standard rig can be altered and added to, but must be reinstated to the standard configuration at the end of the hire by Brighton Theatre Technical staff. Charges are associated with ANY changes.

### LIGHTING BAR ACCESS

Two FOH bars are dead hung and accessed via mobile scaffolding. These dead hug bars have no patching installed however there is 1 x 12 channel dimmer on FOH 1. FOH2 has no dimmer.

The 6 lighting bars over the stage can be lowered via electronic hoist so bars can be added to at ground level. Each of these bars has 15 patch points run to a dimmer on the end of each bar. Lights can then be focused with the use of the theatre's vertical personnel lifter.

## VISION

### PROJECTOR

Epson EB-Z10000UNL (Black) WUXGA (1920x1200) Full HD. 10,000 ANSI Lumens. Ceiling mounted. Controlled via Extron IN1608 switcher with HDMI HDBaseT inputs stage left and right and Bio Box.

### PROJECTION SCREEN

Brighton Theatre has two projection screens installed.

- 1 x 400" Screen Technics motorised bottom roller screen is located at the rear of the stage
- 1 x 180" Screen Technics motorised drop down screen located centre stage, in front of the 'C' curtain track.

### VISION SWITCHING

- Installed Extron IN 1606 8input switcher.

This switcher is located in the Audio Visual rack and is not movable. The Extron is controlled via the RTI interface control system and iPad. Inputs are located side of stage left and right, and in the control room. Additionally, you can switch between TV tuner and Blu-Ray Player.

Additional switching can be achieved using the Venues Blackmagic Design ATEM Production Studio 4k. 4 x HDMI inputs and 4x SDI Inputs. Additionally, 2 x SDI to HDMI adaptors are available making 6 HDMI inputs.

### VISION EQUIPMENT

- 1 x Apple iMac computer
- 1 x MacBook Pro
- 1 x Oppo Blu-ray player with cueing monitor.

## STAGING

### CYCLORAMA

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### LIFTING POINTS

The stage has 4 lifting eyes located in the roof structure, each rated to 500kg.

### STAGE ACCESS

The stage can be accessed from both sides via light locks (one accessible from the foyer and the other from the workshop). The stage can be crossed from side to side behind the cyclorama/rear screen or black draping (if used). Both lighting traps are equipped with standard white lighting or 'stage blue' lighting.

## STAGING (CONT.)

### POWER SUPPLY

Brighton Theatre has one 20 amp 3 phase outlet located in the up stage corner □ stage right and one 20 amp 3 phase outlet located in the workshop area.

### HOUSE LIGHTS

Switches to house flood lights are located at the main entry door with two way control located within the control room.

### STAGE MANAGEMENT CONTROL

Brighton Theatre is equipped with a Jands EZIComm talkback system. The master station is located in the Audio operation point of the Control room. There are 4 independent links around the venue: Stage, Lighting, Vision and Audio.

Patch points for this system can be located:

- Right side of the stage behind the front curtain
- Left side of the stage behind the front curtain
- Workshop
- Dressing room corridor
- Ticketbox.

### DRESSING ROOMS

- Male and female dressing rooms (40<sup>m2</sup>) are located in the rear corridor of Brighton Theatre,
- Amenities: 2 x toilets and 2 x showers per room
- Make-up mirrors: 13 per room
- Full height mirrors: 1 per room
- 32" monitor with live sound and camera feed from the stage.

### WORKSHOP/STORE

- Facilities for set-production including wash up sinks,
- Prop access to stage via 4m high x 3.5m wide roller door,
- Workshop is used as an emergency thoroughfare during performances,
- Areas must be kept clear as indicated via line markings.

### STAGING - Available on request, subject to availability.

- 4 x Sico stage decks (1.8m x 2.4m @ 400mm or 600mm),
- 2 x 2 tread stairs,
- 10 x Global Truss upright poles (2m) with baseplate and spigot,
- 1 x 25m Socapex 6 core cable.

### VERTICAL PERSONNEL LIFTER

Brighton Concert Hall and Brighton Theatre share a rechargeable one person lifter available for hire. Hires require appropriate licenses (EWP 'VL' Class, Yellow card sighting is required) and supervision from our Duty Technician while in use.

## FOYER

The foyer has an area of 160m<sup>2</sup> with the following additional facilities:

- Male, female and disabled toilets
- 60" LCD monitor with live sound and camera feed from the stage or local input in the ticket box for holding slides or sponsor loops.

## BOX OFFICE

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