



Technical Prospectus

Contents		Page Number
1	<u>Important Information</u>	2
2	<u>Health & Safety Policy</u>	3
3	<u>Who's who @ TRB</u>	5
4	<u>Polite Requests</u>	6
5	<u>Stage & Pit Specifications</u>	8
6	<u>Wardrobe & Dressing Rooms</u>	10
7	<u>Power and LX Specifications</u>	11
8	<u>Sound Specifications</u>	13
9	<u>Flys, Grid & Rigging</u>	14
10	<u>Get Ins and Get Outs</u>	15

PLEASE READ IMPORTANT INFORMATION

(1) Important Information

Contact information

Theatre Royal Brighton
New Road
Brighton
East Sussex
BN1 1SD

Tel: +44 (0) 1273 764400

Fax: +44 (0) 1273 764421

Email: brightonstagedoor@theambassadors.com

www.theambassadors.com/brighton

ACCESS ONTO STAGE

Access to stage is from Stage Door in Bond Street, with a bay allowing parking for two 45ft trailers with tractor units.

There are 2 access doors:

H 3340mm x W 790mm

H 1890mm x W 1680mm

Deliveries

All deliveries should be sent to stage door.

Stage Door

Theatre Royal Brighton
35 Bond Street
Brighton
East Sussex
BN1 1RD

Opening Times

Stage Door	09:30 till 18:00 or 30mins after evening performance Monday – Saturday
Technical Office	10:00 till 18:00 Monday – Friday
Administration	09:30 till 17:30 Monday – Friday
Box Office	10:00 till 20:00 Show days Monday – Friday

Daytime use of Stage

If you require the use of the stage area please check the availability as soon as possible.

In the unlikely event we reserve the right to refuse stage time during the day without 14 days prior notice.

Venue Capacity

Stalls	352
Royal Circle	223
Second Circle	166
Gallery	210
Boxes	26
Total	966

(2) Health & Safety Policy

The management of the company recognise it is their responsibility to ensure the health, safety and welfare at work of all employees, its audiences, performers, visiting company personnel and hirer. Also, any persons whilst they are on the company premises. In particular the company recognises the specific needs of disabled people and the young.

It is therefore this company's policy to do all that is reasonable to prevent personal injury and damage to property and to protect everyone from foreseeable work hazards including the public in so far as they come into contact with the company.

Management Recognise that it is their duty:

- To provide and maintain safe working conditions taking account of any statutory requirements.
- To provide instruction and training to enable employees to perform their work safely and efficiently.
- To make available all necessary safety devices and protective equipment and to supervise their use.
- To maintain a constant and continuing interest in health and safety matters applicable to the company's activities, in particular, by consulting and involving employees or their representatives wherever possible.

Employees equally have a duty to exercise personal responsibility and to do everything to prevent injury to them by working safely and efficiently.

LOADS & LIFTING

Due to the nature of our building and to ensure a safe working environment for us all, we maintain a rigorous programme of inspection and load testing. You will find the listed weight limitations and rigging information later on in this document, please take time to study this carefully. Please do not hesitate to contact the technical department should you require any further information. Tom Hitchins, Tim Lawson and Matt Williams at Brighton are certified riggers and will be happy to advise you on the best way to achieve your desired results; we are also able to provide production riggers for your event.

ELECTRICAL SAFETY

All electrical equipment at the Theatre Royal has passed a Portable Appliance Test. We insist that all equipment that is brought into the venue has also received this recognised attention, without exception (this includes any personal items of equipment that will be connected to our mains supply). The Technical team reserve the right to refuse connection, of any equipment that fails to meet these recommendations.

The Technical office will be more than happy to advise on this matter. We do offer a P.A.T testing service if required.

FIRE & EVACUATION

The Theatre Royal has a detailed procedure that must be followed in the event of an emergency; you will find a copy of this in all non-public areas of the Theatre.

Please ensure that all members of your company are aware of the procedures and exit routes while they are visiting Brighton. For further details please contact the technical office.

P.P.E

The Theatre Royal stocks a range of Personal Protective Equipment for your comfort and safety while working in the building. A member of the technical team will advise on situations where this equipment must be used and supply the necessary items and instruction on its use.

WORKING AT HEIGHT

It may be necessary during the course of your visit to work above a height of 2 meters, please ensure that this is done under the direction of the technical team and with the appropriate care and equipment.

LONE WORKING

The Theatre Royal does not permit lone working in any technical area of the Theatre. If this is anticipated please contact the technical office in advance and we will insure a member of staff is available to accompany you.

VISITING TECHNICAL STAFF

Please make sure that any Technical Staff employed by the visiting company and involved with the fit up and get out MUST wear safety boots or they may be denied access to the stage by the Health and Safety Manger. This is non negotiable. NEW TALLESCOPE LEGISLATION WITHIN THE AMBASSADORS THEATRE GROUP REQUIRES A MINIMUM OF 4 PEOPLE AT THE BOTTOM OF THE SCOPE WHILST IN MOTION WITH PERSONNEL IN THE BASKET. THIS IS TO COMPLY WITH CURRENT HEALTH SAFETY LAWS.

(3) Who's Who @ TRB

RESIDENT STAFF AND TELEPHONE NUMBERS

Stage Door		01273 764 400
General Manager	John Baldock	01273 764 402
Administrator	Nicky Hubbard	01273 764 405
Admin Fax		01273 764 407
Technical Manager	Tom Hitchins tomhitchins@theambassadors.com	01273 764 430
Deputy Technical Manager	Anna Setchell brightondtm@theambassadors.com	01273 764 417
Assistant Technical Manager	Tim Lawson	01273 764 418
Technical Fax		01273 764 421
Head of Marketing	Audrey Ryan	01273 764 408
Press Officer	Rachel Knowles	01273 764 409
Box Office		08700 606 650
Visiting Company Manager		01273 764 419

TECHNICAL STAFF

The Technical team is multi-skilled and consists of six people. A Technical Manager, a Deputy Technical Manager (acting as Stage Manager), an Assistant Technical Manager (acting as Chief LX), one Senior Technician and two Technicians.

(4) Polite Requests

SECURITY & SAFETY

(Pre-arrival) Please provide a full list of all members of the company and staff. This is for security reasons - our stage door team will only admit listed personnel.

All Company & visitors must enter and exit the building via Stage Door and will be required to sign in and out.

Pre get in our Technical Manager will brief the Company Manager on H&S and to ensure a safe working environment it is important that this information is passed to the Company.

(Pre-arrival) Please provide the technical manager with a full risk assessment for ALL activities regarding the production. A health and safety statement is also required.

CARE AND CONSIDERATION

Our 200-year-old building needs a lot of care and attention as it is. Any damaged cause by ANY MEMBER of the incoming company will be charged back to the producers. This includes avoidable scrapes and scratches BOH and ANY scrapes or scratches FOH.

RIDERS

Please ensure that our technical department receive at least three weeks notice prior to Get-in of the following:-

- a) Get-in / Fit-up schedule and crew call numbers.
- b) A hanging plot (with weights for each item).
- c) A full Lighting plan including bar weights.
- d) Show crew calls.
- e) A technical contact name and number from you.

Please inform the Theatre Manager of your detailed requirements for Box Office returns, weekly summaries, merchandise sales returns, etc.

RIDERS to be sent to the:

TECHNICAL MANAGER
Theatre Royal Brighton
Stage Door
35 Bond Street
Brighton
Sussex
BN1 1RD

Or

tomhitchins@theambassadors.com

If your attraction needs more time between shows on the Saturday, this must be discussed at contract stage, BEFORE TICKETS ARE ON SALE.

If you should require seats to be removed to accommodate an orchestra in the pit or any space reserved in the auditorium for temporary technical equipment, (this should include any equipment for mounting on the proscenium booms)

IT IS MOST IMPORTANT that we receive your detailed requests at contract stage BEFORE SEATS ARE OFFERED FOR SALE at the Box Office. The view from both middle boxes either side of the stage must not be obscured by any equipment rigged on the proscenium booms.

(5) Stage and Pit Specifications

STAGE DIMENSIONS

Prints of an accurate stage plan-view-only are available at 1:25 scale.
NORMAL SETTING IS FROM THE BACK OF THE IRON.

Common detail requests:

PROSCENIUM:	08.95m
MAXIMUM HEIGHT OF TABS:	06.10m
STAGE DEPTH FROM IRON:	09.92m
STAGE DEPTH IN FRONT OF IRON:	00.52m (float well)
STAGE WIDTH BETWEEN BRICK PIERS:	14.50m
STAGE WIDTH BETWEEN FLYRAILS:	11.50m
CENTRE LINE TO O.P. DOCK DOORS:	11.23m
MAX CLEARANCE UNDER FLY FLOORS:	07.50m
GRID HEIGHT:	15.65m downstage. The upstage third of the grid reduces in height by 70mm.
STAGE FLOOR:	$\frac{3}{4}$ " T&G softwood with MDF surface.
RAKE:	Acting area-rake 1 in 48. Increases upstage, varies into wings and level scene docks.
TABS:	Hand wound from the stage left fly floor.
FLYING:	All hemp, operated from the stage left fly floor.

ACCESS EQUIPMENT

We have a medium size Tallescope, maximum platform height is approximately 6.0m. We also have a 14 rung Zarges ladder as well as a selection of A-Frame ladders.

DOCK SPACE

There are two scene docks, a large, level scene dock approximately 8.80m x 5.80m (Stage Right) This is well lit and can be closed from the stage by four sliding doors. Headroom through the doors is 5.90m with a width of 3.50m. A less convenient dock is located upstage left which also houses a steel mezzanine level. This stores the in house electrical and rigging equipment. Dimensions (mezzanine inclusive) are 7.50m x 2.70m with headroom at 5.40m.

BLACKS AND BORDERS

We can provide a full black box; also we have 5 borders for your use.

ORCHESTRA PIT

The orchestra pit can be open or closed. When open, the whole of Row A and 8 seats (4 at either end) of Row B, in the Stalls have to be removed. When the pit is open the orchestra rail is 4' from the stage. The pit is approximately 9.00m x 4.00m and partly under the stage. Floor level is 2.40m below stage. There are 20 13A sockets on a switched ring main. The pit can accommodate up to 25 musicians.

Pit requirements must be made clear at contract stage.

MUSIC STANDS

We can hire in music stands to your requirements.

LOCAL PIANO TUNERS

RA Hutchins

Brighton Pianos

43 – 45 Bonchurch Road

Brighton

01273 412 842

01273 601 989

(6) Wardrobe & Dressing Rooms

DRESSING ROOMS

The Dressing room accommodation is for approx' 35 persons

Each room has show relay/call, basin with hot and cold water and at least one electrical socket.

The theatre building is divided up into 2 sections. PS and BS with dressing rooms being distributed over both sides.

Number	Capacity	Location
1 BS	2 people comfortably	Behind Stage ground floor
2 BS	2 people comfortably	Behind Stage ground floor
3 BS	2 people comfortably	Behind Stage ground floor
4 BS	COMPANY OFFICE	Behind Stage ground floor
5 BS	2 people comfortably	Behind Stage first floor
6 BS	2 people comfortably	Behind Stage first floor
7 BS	2 people comfortably	Behind Stage first floor
8 BS	2 people comfortably	Behind Stage first floor
1 PS	Principle	Stage Left ground floor
1A PS	2 nd Principle	Stage Left ground floor
4 PS	4 people comfortably	Stage Left first floor
6 PS	4 people comfortably	Stage Left first floor
8	4 people	Mid Stage Left second floor
8A	6 people	Mid Stage Left second floor

Shower Room

Stage Left first floor

Total 35 persons comfortably

Company Managers Office

An analogue phone line is available and chargeable at unit rates, plus a nominal weekly rental of £8.50.

Telephone number is 01273 764 419 and is fax/modem compatible.

Office includes a lockable safe with changeable code.

Wardrobe

This area has one sink, adequate hot water and ten 13A double sockets. Washing machine and tumble dryer are available.

(7) Power and LX Specifications

ELECTRICAL INSTALLATION

The Theatre Royal has one 240v AC Three Phase and Neutral Intake

The Total Stage Supply is fused at 300amps per phase this includes power for sound requirements. Auxiliary Supply for lighting is located outside the technical store on stage left and is fused at 200amps per phase. Termination is via **POWER LOCKS or a 63A – 6h CEEFORM**

LIGHTING CONTROL

ETC Ion Lighting Console. Control is via Ethernet.

We have 144 ways of dimming through our ETC Sensor+ Dimming System.

Please note, although we have 171 outlets, we only have 144 ways of dimming.

Dimmers	Qty	Location	Capacity
1 > 3	3	Houselights	2 x 5K + 1 x 3K
4 > 33	30	Gallery Level	30 x 3K
34 > 39	6	SL Pit	6 x 3K
40 > 45	6	SL Perch	6 x 3K
46 > 69	24	SL Dips	23 x 3K + 1 x 5K
70 > 75	6	SR Pit	6 x 3K
76 > 81	6	SR Perch	6 x 3K
82 > 105	16	SR Dips	23 x 3K + 1 x 5K
106 > 171	65	SR Fly Floor	56 x 3K + 6 x 5K

INDEPENDENTS

The Theatre Royal has 10 Non-dimmable independent circuits. These are available at the following locations:

- 4 x Stage Right Fly floor
- 2 x Front of House Gallery Patch
- 4 x Stage Dips (2 each side)

HOUSE LANTERN STOCK

Please note that while every effort is made to maintain this list, the demands of weekly touring means that we cannot guarantee the availability of this equipment,

If you require specific items, please check the availability

Available for use on-stage (not pre-rigged)

- 22 1kW Pattern 743 Fresnel with 4-Leaf Barn-door
- 20 1kW PAR 64 (Short Nose)
- 18 1kW PAR 64 (Long Nose)
- 4 ETC Source Four 36 fixed beam profile
- 2 ETC Source Four 50 fixed beam profile
- 5 650w Prelude PC
- 6 650w Prelude 16/30 Profile
- 6 1kW PAR 64 Chrome (Long Nose)
- 12 1kW Coda Asymmetrical Cyc Floods

FOLLOW SPOTS

Two Rank Strand SOLO 2KW Tungsten-Halogen Follow spots are provided at the sides of the Upper Circle in a traditional slip lime position. The operators are unable to work their own quarter of the stage. The units have facility for five, operator selectable filters and one permanent filter. Please note that these units do not feature a built in frost facility.

FRONT OF HOUSE (at Gallery Level)

Please note that the front of house stock is permanently rigged and the moving of such fixed installation will incur a charge of £30 PER UNIT.

Gallery	Gallery Left Slip	2 x ETC Source Four 15/30 variable beam profiles 1 X ETC Source Four 19 fixed beam profile
	Gallery Right Slip	2 x ETC Source Four 15/30 variable beam profiles 1 X ETC Source Four 19 fixed beam profile
	Gallery Front	21x ETC Source Four 19 fixed beam profiles
Second Circle	Stage Left	2 x ETC Source Four 15/30 variable beam profiles
	Stage Right	2 x ETC Source Four 15/30 variable beam profiles

Two 10 degree lenses and a number of gobo holders and iris diaphragms are available for these units.

(8) Sound Specifications

Sound Desk Mixing positions can either be placed Stage Side or off centre at the back of the stalls but this arrangement needs to be agreed at contract stage before the seats are made available for sale. The Theatre has a permanently installed 2way multi core with 6 returns for your use, running from prompt corner to the pit then onto the back of the stalls.

EQUIPMENT

16/4/2, (16 Channels, 4 group channels and 2 stereo channels) Behringer mixing desk

We have a 4.5 KW EM Acoustics sound system (4 full range cabs and 2 bass bins).

2 x 32 band graphic equalizers

2 x QSC AMP RMX 1450.

1 x Labgruppen AMP 4 channel.

1x Sony Mini Disk Player

1x CD Player Stage line Pro

1x Behringer FX Unit

3x Sure SM58 microphones

2x Behringer Mono DI boxes

4x Music Stands

Stage Box to Rear of Stalls 24 / 6 Way

POWER

63A (Fused at 32amps) or 32A Single Phase power supply M.S.L

COMMS

7 x Techpro type headset / belt pack (Inc prompt).

12 Way Cue Light System.

(9) Flys, Grid & Rigging

The Theatre Royal Brighton is a hemp house; we have a wooden grid with a **SWL** of 2500Kg evenly distributed.

We have 46 hemp sets and approximately forty 10.5m Flying Bars.

Please take into consideration that some static hung pieces may require the use of more than one hemp set.

The number of crew required for LIVE flying may need to be increased on -site following a realistic assessment of flying required, it may speed things up if we meet discuss before hand the flying requirements of the show. Each flyman can fly approximately 10kg.

I.e. 50kg live fly will require roughly 5 flying personnel.

All hemp operated from stage left fly floor on two levels - both working flies and upper flies (loading gallery level.)

Tabs are manually wound from SL Fly floor.

GENERAL MAXIMUM PERMISSIBLE 'LIVE' LOADS

Without Detailed Analysis of Specific Load Cases.

1.	Per Line (Point)	100Kg
2.*	Per Joist (Point)	100Kg
3.**	Per Truss OR Approx, 3m	1000Kg
4.**	MAXIMUM GRID LIMIT	2,500Kg

NOTES:

- (i) Live Loads mean weight of scenery, ropes, persons or other equipment.
- (ii) *This allows for 1 person on joist locally.
- (iii) **Uniformly distributed over area subject to 1 & 2 Also.
- (iv) Note additional or altered loading configuration may be possible, subject to detailed analysis.

ADVANCE BAR

We have rigging point's front of house, so that trusses can be rigged over the orchestra pit.

There are two holes, 6cm in diameter, in a false plaster ceiling directly below a large wooden beam which is load tested to a **maximum load of 500Kg** It has two hanging points and two safety points.

(10) Get Ins and Get Outs

UNDER ALL CONTRACTS WITH THE THEATRE ROYAL BRIGHTON LIMITED. PAYMENT OF THE GETOUT IS THE SOLE RESPONSIBILITY OF THE VISITING MANAGER AND HAS TO BE PAID THROUGH THE THEATRE ACCOUNTS. IT IS ABSOLUTELY ESSENTIAL THAT THE DETAILS ARE FINALIZED WITH TOM HITCHINS OR ANNA SETCHELL NO LATER THAN CLOSE OF BUSINESS ON THE TUESDAY FOLLOWING THE GETOUT, AS THE COST THERE OF TOGETHER WITH THE EMPLOYERS NATIONAL INSURANCE AND 17.5% V.A.T WILL BE DEDUCTED FROM THE CONTRACT SETTLEMENT.

GET IN

From Bond Street Stage Door. A raked passage gives access to up-stage left.

There are 2 access doors:

H 3260mm x W 790mm

H 1890mm x W 1680mm

PLEASE NOTE THE DIMENSIONS OF GET-IN ACCESSIBILITY MAKING SURE YOUR SET WILL PASS THROUGH THIS AREA.

GENERAL REQUESTS

If installing Temporary Equipment in the Auditorium Please take note of the following;

- Do not obscure sight lines, including from the stage boxes on the Royal Circle Level.
- No equipment is to be placed in a traffic route particularly those deemed and marked as fire routes.
- No Alterations may be made to the fabric of the building without prior written consent of the management. (This includes fixtures, fittings and haberdashery)
- Any Damage that may be incurred to the building fabric, its fixtures or fitting, during the installation, operation and or removal of equipment that is deemed the responsibility of the visiting manager and/or their employees and contractors will be charged for via the contra account and costs re-cooped.
- The Auditorium has sub-level cable ways for the installation of temporary equipment, these must be used for any installation in the auditorium no other cable routes will be permitted. I.e.: Surround sound systems.
- No Cable or other items of temporary equipment are permitted to cross the iron-line without the provision by the visiting manager of iron buffers specific for the items that cross the line. Sub Iron Cable runs are available.