



The Old REP Theatre Birmingham
Venue And Technical Specifications

Technicians

Head of Electrics: Alex Johnson
Head of Stage and Sound: Jamie Crosswell
Electrics Apprentice: Rosie Wise
Stage and Sound Apprentices: Lauren Coker & Will Cooke

The Old REP Theatre Stage Door
Hinckley Street
Birmingham
B5 4DY

Tel: 0121 359 9445

Contact Details - Direct Lines

Postal address	Old Rep Theatre Stage Door Hinckley Street Birmingham West Midlands B5 4DY
Stage Door Tel	0121 359 9445
Ticket Sales	0121 359 9444
Marketing Manager	0121 359 9446
FOH Manager	0121 359 9449
Alex Johnson	Head of Electrics Tel: 0121 359 9448 Email: alex.johnson@oldreptheatre.co.uk
Jamie Crosswell	Head of Stage and Sound Tel: 0121 359 9447 Email: jamie.crosswell@oldreptheatre.co.uk

Get In

1 dock door raised 1900mm above street level. There is no lift and no ramp.
There is space for 1X 45ft trailer on the loading bay.

Seating

Stalls 262 seats
 Circle 123 seats
 Sound desk at rear of stalls remove 2 seats (M14 and M15)

Dressing Room Facilities

Location	On first and second floors above stage level
Security	All dressing rooms can be individually locked and are locked over night
Washing Facilities	All dressing rooms have wash hand basins
WC Facilities	A single person Ladies and Gents toilet on both floors
Showers	1 shower on first floor - for use contact a technician prior to arrival
Power	All dressing rooms have 13 amp supplies
Fittings	Work surfaces, mirrors with surround lights, chairs, costume rails
Communications	All dressing rooms and access corridors have show relay and calls
Green Room	Situated on first floor/ can alternately be used as a dressing room
Wheelchair users	No wheelchair access to backstage due to age and nature of the building
Smoking	No smoking in the venue (unless agreed with theatre director for a show)
Pets	Pets are not allowed in the venue unless arranged with the technician
personnel	Maximum of 70 personnel backstage inc. cast, crew, chaperones etc
PAT Certification	All electrical items brought into the venue must have passed a PAT test
Wifi	Free Wifi is available for performers

Dressing Room Accommodation**First Floor (Must be booked in advance with a technician to ensure availability)**

Dressing Room 1	7 personnel
Dressing Room 2	7 personnel

**Dressing Room Accommodation
Second Floor**

Dressing Room 5	7 personnel
Dressing Room 6	7 personnel
Production office	Wardrobe
Dressing Room 8	6 personnel
Dressing Room 9	6 personnel

Stage Dimensions

Setting line	Taken from up stage line of safety curtain	
Width of Proscenium Opening	6700mm	21.9ft
Height of Proscenium Opening	6700mm	21.9ft
Height Under Iron Curtain	6100mm	20ft
Grid Height	13850mm	45.4ft
Length of Bars	8400mm	27.5ft
	(Except bar 1, 21 and 22 - see drawings)	
Length of Winch Bars	7500mm	24.6ft
Depth of Stage (Bar 22 to Pros)	7200mm	23.6ft
Width of Stage Right Wing	2600mm	8.5ft
Width of Stage Left Wing	1600mm	5.2ft
Height Under Stage Right Perch	2500mm	8.2ft
Height Under Stage Left Perch	2600mm	8.5ft
Depth of Pit Extension	2250mm	7.3ft (at deepest point)
Rake of stage	1:42 ((Varies) further detail on ground plan)	

Stage Equipment

25	Extending braces of varying length
20	15Kg stage weights
06	18' hard black masking flats
01	Model 50518 Tallescope (if tallescope is required please inform a technician)
01	14 rung Zarges
01	10 rung Zarges
04	A-Frame ladders of varying heights
04	8' x 4' Steeldeck (2438mm x 1219mm)
02	8' x 2' Steeldeck (2438mm x 609mm)

Additional Stage Equipment Information

- a) Stage, flys and grid working lights controlled from prompt desk
- b) Stage and flys performance "blues" controlled from prompt desk
- c) CCTV monitor system with monitors on prompt desk, fly floor, under stage, stage left wing, stage right wing and green room with the capability to add 4 additional monitors upon request.
- d) Prompt corner is usually down stage right (bastard prompt) but can move to down stage left or into the running room (large room off stage right) if agreed with the Electrics Technician
- e) Additional stage crew can be provided at cost
- f) The iron curtain must be shown at least once during a performance (preferably at the interval)

Flys

01	Pair house tabs (none transferable) operated by a counterweight set
22	3 line hemp sets with a 150Kg UDL SWL
01	Tab track with hand line operation which can be installed upon prior agreement with the technical department.
07	500Kg UDL SWL winch sets
05	Soft black borders
01	Soft full black
03	Soft Black legs (pairs)
01	Pair of red tabs
01	Pair of black tabs
01	Plain white cyclorama cloth
01	Old Cyclorama cloth (stained)

Additional Flying Information

- a) Fly floor crew must be suitably competent Old REP staff. Working practices must meet the approval of the duty technician and an Old Rep technician must be present at all times
- b) Additional tracking may be available - please contact stage the technician for details

Orchestra Pit

12	Doughty music stands with integral lights
01	Doughty conductors stand with 2X integral lights
08	A&H ME1 personal monitoring (additional cost incurrence, contact Alex Johnson)

Please book music stands in advance to ensure availability.

Additional Orchestra Pit Information

- a) Access to pit via stage door
- b) Pit Dimensions - 2200mm x 6750mm - 7.21ft x 22.14ft (at deepest point)
- c) Pit will accommodate an estimated 12 musicians
- d) 1X 32A additional supply
- e) 2X 16A additional supplies terminating in BS4343 sockets
- f) Band load in through the bar on Hinckley street
- g) Contact the Electrics Technician with any questions regarding the orchestra pit

Lighting Equipment ***Dimming and Control***

- 01 ETC ION with 2X20 Fader wing (1024 outputs)
- 02 Permanent touch screen monitors in control room
- 01 Net 3, 4 port DMX Gateway (Permanent installation)
- 02 Net 3, 2 port DMX Gateway

Lighting Equipment ***Automated/ intelligent fixtures***

- 02 Mac 250 Entour
- 02 Mac 250+
- 02 Mac 300
- 01 Mac 700
- 06 Chauvet Colour Dash accent 2 LED Birdies

Lighting Equipment ***Generic Fixtures***

- 14 SL 19 Degree Profiles
- 09 SL 15/32 Zoom Profiles
- 08 SL 23/50 Zoom Profiles
- 18 Cantata 18/32 Zoom Profiles
- 06 Cantata 11/26 Zoom Profiles
- 23 Cantata Fresnels
- 12 ETC Source 4 Fresnels
- 04 Cantata PC
- 14 Prelude 16/30 Zoom Profiles
- 11 Prelude 28/40 Zoom Profiles
- 04 Prelude 500w Fresnel
- 49 Par 64 (CP62 lamps as standard. Old REP has a limited stock of CP60, CP61 and CP95)
- 04 Par 64 Floorcan (CP60 lamps as standard)
- 04 Par 16 Battens - 20 way 2 circuits
- 12 Coda 500/4
- 02 Solo CSI Followspots

Effects and Accessories

- 12 Chroma CQ1/D Scrollers
- 01 Chroma Q Broadway Scroller
- 01 Chroma Q 16 way Scroller PSU
- 01 High End Data Flash
- 01 Marin Atomic 3000 DMX Strobe
- 01 Jem ZR12 - DMX Smoke Machine
- 01 Jem Techno Hazer
- 02 Le Maitre Neutron XS with DMX controller
- 06 Doughty Tank traps

Additional Lighting and Effects information

- a) The Lighting desk (ETC Ion) can be swapped out for an ETC element if requested
- b) The following equipment is available at additional cost
 - a) Electronic Kabuki X2
- c) Lighting control room has double glazed sliding windows and is located at the rear of the stalls and is shared with sound control (This is not sound proof)
- d) Followspot control room is located centre rear of the balcony and **operators can be supplied at cost**
- e) Hemp sets cannot be used for lighting purposes without prior consent from the Electerics Technician
- f) The Old Rep carries a limited range of Lee and Rosco lighting filters. By consultation any specific colours which are not held in stock will be substituted with the nearest equivalent available or upon consultation we will order the specific gel and the company will be recharged
- g) Three 63 Amp single phase and one 63 Amp three phase supplies are provided side of stage.
- h) One 63 Amp three phase and six 63 Amp single phase supplies are provided sub stage. All terminate in BS4343 sockets
- i) Additional Lighting equipment may be available please contact the electrics technician for details
- j) The Old Rep carries a limited stock of GOBO's if specific GOBO's are required it is suggested that the company order the GOBO's prior to arrival
- k) Conductors spots can be patched on request, these are focused to light the conductors hands and face.

Sound Equipment

- 06 Martin W1 full range loudspeakers (permanent FOH installation)
- 02 Martin S12 sub bass loudspeakers (permanent FOH installation)
- 02 Bose 802 full range loudspeakers (permanent on stage fold back)
- 02 Bose 302 sub bass loudspeakers
- 06 QSC PLX3012 Power amplifiers
- 01 Allen and heath GLD80 digital sound desk
- 01 Allen and heath GLD - AR2412 audio rack
- 02 Allen and heath GLD - AR84 audio rack
- 01 Two deck CD player upon request
- 06 AKG C568 condensor rifle microphone
- 04 AKG SE300B + CK93 + VR91 Microphone
- 06 AKG D330 Vocal Microphone
- 06 AT410a shock mount low stands
- 10 Adjustable boom arm stands
- 01 Shure PGDMK6 drum mic Kit consisting of:
 - 03 PG56 Snare/ Tom Microphones
 - 01 PG52 Kick Drum Microphone
 - 02 PG81 Overhead Microphones
 - 03 A50D Drum mounts

Projector - Charges apply

- 01 Christie D12WU-H 11,000 Lumen Projector - 23.8Kg
- 01 Christie 1.5 - 2.0 Zoom Lens - 1.8Kg
- 01 Christie Rigging Frame - 40.37Kg

Production Desk Setup

Production desks take roughly an hour to set up to its full capability, this is made of 3 stage decks with in build lights in designers position and directors position. Programmer has built in monitor stand with 6 internal plug sockets and show net socket. Designers desk has 8 built in 13 amp outlets with in built show net, sound network and light wands.

Additional Sound information

- a) The following equipment is available at additional cost - please contact the electrics technician for exact prices
 - a) 12X Sennheiser Evolution 500G3 radio microphones with heads
 - b) 2X Sennheiser Evolution 300 G3 IEM
 - c) 8X Allen and heath ME1 personal mixer
- b) Sound Control room is located at the rear of stalls it has double glazed sliding windows and is shared with lighting prior notice **MUST** be given if additional sound equipment is to be brought into the venue
- c) The sound desk may be moved into the auditorium upon consultation with the Head of Electrics and the Executive Theatre Director. To do this 2 seats will have to be removed (M14 and 15)
This MUST be specified before tickets go on sale
- d) XLR stage boxes are provided in the orchestra pit and behind the proscenium wall stage left and right, sub stage and various locations around the venue
- e) FOH speakers are hard wired, fifteen separate patchable Speakon outlets are provided throughout the performance area
- f) One 63 amp supply is provided side of stage and one 32 amp and two 16 amp are provided in the orchestra pit. All are single phase
- g) One 32 amp BS4343 sockets, two 16 Amp BS4343 sockets and four 13 amp sockets are provided sub stage left, right and centre
- h) Additional equipment maybe available - please contact the Electrics Technician for details.

A full quality PDF or DWG of our generic rig plan can be sent on request

Keys

All dressing room keys, wardrobe keys and drawer keys have to be handed in at Stage Door at the end of each day. In the event these are not returned upon the end of the get out of the show there is an allowance of 7 days for the missing keys to be returned. If after 7 days keys have not been returned a cost is incurred to the visiting company via the closing of the contract.

Prices are as follows:

Dressing Room Keys:	£20
Wardrobe key:	£25
Drawer Key:	£10

Health and Safety

As part of our health and safety policy, one of the full time technicians will conduct a safety briefing with all staff working on the stage before the get in commences. These will take place on shift changes and will be reiterated on the get out/ strike.

The aim of the briefing is to introduce the key members of our technical staff, inform your staff of all evacuation procedures and draw their attention to any other possible hazards and policies that may be relevant on the get in, show control or get out.

This briefing is also an opportunity to introduce your staff to the house crew and a briefing on the schedule for the day to take place.

A further briefing with all cast should take place before they are sent to the dressing rooms. This should take place in the auditorium and all technical work on stage should stop at this point for the briefing to take place.

Following recent changes in policy regarding the use of the tallescope in theatres we enforce an in house procedure for the use of tallescopes. This can be forwarded to any visiting company on request to the Stage or Electrics Technician.

While rigging bars and overheads, only the Duty Stage Technician or the Electrics Technician should communicate bar movement to the flyman, any changes in this procedure are done at the Duty Technicians discretion.

Prior to the arrival of a show at The Old Rep Theatre the following documentation must be received by our technical department:

- Production rider (3 weeks in advance)
- All risk assessments
- Method Statements
- Hanging plot detailing weights of flying pieces
- Details of all certification with regards to the production

Please also be aware that any rigging that arrives without a stamped SWL will not be used. BOAT (a subsidiary company of Birmingham Ormiston Academy) staff at the Old Rep Theatre have the right to refuse to hang or fit up any equipment brought into the building that does not have the correct certification.

All flying must be completed by an in house competent technician.

Evacuation procedure

The visiting company manager is responsible for providing a signing in sheet for the visiting company the must be given to stage door staff when they first arrive on site. The company manager must ensure all visiting staff (including performers) sign in/out when they enter and leave the building.

The Old Rep Theatre operates a two phase fire alarm system which gives a 3 minute warning on the activation of any single device. Full evacuation occurs under the following circumstances:

- After 3 minutes of pre alarm from one device
- On activation of a second device
- Evacuation mode is selected from one of the panels by the Duty team
- On activation of break glasses

The fire alarm system of sounding comprises of a continuous alarm and red flashing beacons, there is no recorded message. Upon hearing this sound the theatre must be evacuated. All persons must proceed immediately to the muster point where the company manager is responsible for taking a role call and reporting the status to a member of the duty team.

The muster point is on Dudley street opposite Birmingham Open Media

Should an incident occur during a show the performance must be immediately stopped. If this does not happen the Duty Technician will take whatever steps necessary to stop the performance at no liability to the Theatre Director.

Notes

The Old Rep Theatre is a receiving house and thus does not have workshops available for painting, repairing or building scenery. We do not have props, wardrobe or design departments and will not provide companies with costumes, ironmongery, timber, paints, tools or props.

We do not provide stage runners or runners of any kind.

Private cars including people carriers, estates and four-wheel drives are not allowed to park in the loading bay. This is a council run loading bay and the vehicle may be clamped and towed.

All electrical equipment brought into the venue by the visiting company must comply with the 17th Edition IEE wiring regulations, furthermore all electrical equipment must come with a current electrical safety test certificate (this includes hired equipment).

All rigging equipment and tackle must comply to the LOLER 1998 (Lifting Operations and Lifting Equipment Regulations) and must come supplied with a valid and current test certificate this does include all hired equipment.

Old Rep employees (including casual staff and apprentices) reserve the right to refuse the use of any equipment that they think is unsafe or unsuitable for the task in hand. Any disputes regarding this must be brought to the attention of the most senior technician on site at that time.

We will not pre-rig unless agreed in advance and by contract with the Old Rep Theatre and the visiting company. All requests for a pre rig must be made to the Head of Electrics Directly.

The technical department of the Old Rep must receive all technical requirements in the form of a rider at least three weeks prior to the event/ performance. This must include as a minimum:

Get in schedule

Staff requirements

Equipment Requirements

Lighting plan

Ground plan

Risk assessments and method statements (RAMS)

Special effect licences

Radio licences and channels

A technical questionnaire can be provided by emailing any staff at the theatre, ground plans and lighting plans must be sent when this is returned.

Please contact the technical department as soon as possible if your show floor is raised above 200mm

We do not have an advanced bar and have no motor pick up points to make this facility available.

The Old Rep does NOT have on site parking and the nearest parking is a pay and display carpark

The Old Rep provides taxes for all members of Old Rep Staff leaving the building after 11pm this will be recharged to the visiting company.