

# Technical Information

## Contact Details

Hackney Empire Theatre

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## **Technical Department**

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## **Introduction**

The Hackney Empire Theatre is accessible via stage door on Wilton Way.

There's a permanent lighting rig, comprehensive sound system, counterweight flying, scene dock, fly floor and grid. Please note however that all equipment is subject to availability.

## **Plans available:**

Stage plan, Stage Section and Stage Elevation

## **Recces:**

To organise a visit please contact Jane Walsh *Head of Programming*

Direct line: 020 8510 4529 or email: [Jane.Walsh@hackneyempire.co.uk](mailto:Jane.Walsh@hackneyempire.co.uk)

## **Load In address / details:**

At the rear of the theatre in Wilton Way

The load in bay will accommodate: 1 x Artic and 1 x LWB van

## **Parking details:**

Parking dispensations (provided by the local council) are required for Arctic's and vans being left in the loading bay.

These dispensations will guarantee the load-in bays availability. Access for deliveries and get ins is via the scene dock in Wilton Lane and without a dispensation from the council; vehicles must be removed once delivery is complete.

## Stage

The stage floor surface is oil tempered hardboard on 25mm ply, painted with black matt emulsion. Any damage or repainting will be charged for accordingly. If freshly painted stage required, charges may apply

Stage rake - 1 in 36 (see plan)

Stage designed for load of 7.5kN per sq.m

## **Measurements**

### Stage

Proscenium opening:

Width 10.26m

Height 8.8m Max

Height adjustable with Masking

### Stage Depth:

From fire curtain to back wall is 11.7m

### Height of the stage:

Above stalls floor -1.25m

### Stage left upstage scene dock

6.5m wide x 6m deep

5.2m opening from c/w frame

### Scene dock:

Height 8.1m

Same as height to under side of fly gallery

Scene dock flat not raked

Short half rake between it and stage

### Width from centre line:

SR downstage 9.1m SR

upstage 8.65m

SL downstage 8.45m

SL upstage 8.15 to counterweight frame

### Height:

To under side of grid is 20m

To underside of fly galleries is:

8.1m upstage

9m downstage

### Under stage

Trap area 4.8m wide x 2.4m front to back

Four removable modules each 1.2 x 2.4m

### Get in stage right:

NOTE: flat access to street

Inner door to lobby is 3m wide x 6m high

Outer door to street is 3m x 4.7m (5.5m diagonal)

## Masking

### Rigged House Masking:

10	3m x 9m black serge legs
6	3m x 14m black serge borders
1	full black (pleated)
1	White Cyc

### Downstage Masking (Permanent) can be flown

Bar 2	Header	12m x 4m deep
Bar 3	Tormentors	9m x 2m deep

## Machinery

56 single purchase counterweight sets.

Plus three for house tabs, header and side masking.

Each set = 500kg loading at 200 centres.

Counterweight bar length = 11.4m plus 1m extensions.

3 bar hoists over forestage 500kg motorised.

2 x c/w up/down stage (1 SL / 1SR) bar 500kg and 1 x up/down wire winches

Tracked chain hoist for assembly purposes runs under stage right fly gallery

The over grid steelwork includes moveable tracked beams for chain hoist rigging anywhere over the stage.

## Access Equipment

1 x Medium and large Insulated A Frame ladders

1 x 12 rung Zarge

1 x 7.5 m Tallescope

## Power/Dimmers

Available house 3 phase power limited to:

1 x 125 amp 3 phase mid stage right

1 x 63 amp 3 phase upstage left

1 x 63 amp 3 phase downstage right at grid level

*Please note this is the maximum amount of mains that can be allotted to incoming productions.*

## **Lighting**

### **Lighting Control**

ETC Gio control desk  
ETC Sensor 3 Dimming

300 channels @ 2.5k

40 channels @ 5k

All lamp ends & IWB circuits 16amp Cee form or soccapex

Stock gobo's, holders, iris's & colour

125 & 63 amp 3 phase Cee form stage breakouts stage right

### **Lanterns: House Stock**

<b><u>Type</u></b>	<b><u>Quantity</u></b>
Source Four 36*	8
Source Four 26*	8
Source Four 19*	28
Source Four 10*	10
Source Four 15/30 Zoom	16
Source Four 25/50 Zoom	14
Robert Juliet Victor 1800 MSR Spots	2
2K Fresnel's	6
1.2K Fresnel's	26
CP61 / CP62 / Ray Parcans	50
Source Four Parnell	10

### **House Lights**

House light controls from LX Desk FOH and DSR prompt corner

### **Colour and consumables**

Companies are expected to provide their own colour, black wrap, and stage consumables, any items provided by the Hackney Empire will be recharged accordingly

### **Footnotes to lighting**

NB: Should you significantly change the standing setup or require a pre rig or a total re-rig, charges at the prevailing rates will be incurred, A house electrician is required to be present at all times whilst the LX system is in use.

If house followspots are to be used by external operators a hose technician will be charged for

## **Sound**

### **Sound Desk**

Soundcraft Vi 3000 desk  
48-way digital stage box via fibre

### **FOH PA**

Proscenium L / R	3x D+B Vi7p
Centre Cluster	2x D+B Vi10p
Slips and Gallery Fills	D+B E3

### **Microphones**

Stock mic stands, microphones and cables as available  
Shure SM 58 & AKG 300series Microphones

### **Speakers**

4 x EV SX300 Stage monitors  
4 x 12" Powered Monitors

### **Connection**

All patching from stage to FOH via analogue multi and GPO patch  
2 x 24 channel stage boxes & Multicores

### **Amplification**

D+B D80 & E-PAC  
Sub bass - 4 x D+B V-Sub  
Single Phase 63 & 32-amp  
power breakout stage left

### **Comms**

6pin canford talkback wired system installed to  
Stage L&R, fly's, sound, lx & spots

### **Footnotes to sound**

Where the house sound desk and system is specified for use a house sound technician will be charged for

All radio equipment will be hired and licenced at promoters cost

## **Backstage Accommodation**

### Understage

Orchestra pit max 60 musicians in large configuration (lose row a, b & c)

Orchestra pit max 35 musicians in small configuration

Local male and female wc plus shower plus disabled shower & wc

### Ground floor - stage level

Stage door and stage door office

Stage - (see plan)

Access to all floors and basement via stairs and lift (door opening 1.00m wide)

Up stage left scene dock (full height to under fly gallery) 40square metres

Small prop store/workshop at rear of scene dock (room height)

2 no dressing rooms (en-suite wc and shower accommodating 3 in wc and disabled wc

### 1<sup>st</sup> floor

Green room 35 square metres with attached kitchenette

Or Green Room doubles as dressing room accommodating 10 plus

Dressing room accommodating 4 plus (en- suite shower)

Dressing room accommodating 10 plus (2 en- suite showers)

Regarding catering: The Supply for kitchen ring mains is 32 amp single phase via 13amp sockets

### 2nd Floor

Dressing room accommodating 4 plus (en-suite shower)

Dressing room accommodating 5 plus (en-suite shower)

Dressing room accommodating 7 plus (en-suite shower)

Dressing room accommodating 10 plus (2no en-suite showers)

### 3<sup>rd</sup> Floor

Dressing room accommodating 4 plus

Wardrobe room 24 square metres with sliding door separating laundry room 12 square m

Domestic washing machine and dryer

This room is well lit by natural light from wall full of windows which opens on to a balcony running the full length of both rooms.

Total accommodation in dressing rooms = 58 - 68 comfortably (plus possible use of green room and wardrobe, say a further 20)