



## Technical Specification From June 2023

### Technical Department

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### Access and Parking

Please click on the Google map link for directions to RG14 3BQ

[Google Map](#)

There is ample parking for over 100 cars on site, and reserved parking for most commercial vehicles including splitter vans, 7.5 tonne and larger trucks.

Load-in is via concrete ramp (distance from ramp to stage is approximately 10m) through three sets of double doors: 2m h x 1.47m w. Please note the maximum diagonal dimension is 2.44m.

All equipment must be removed from the venue immediately after the last performance as part of the get-out unless otherwise agreed.

### **STAGE**

#### **Stage Dimensions (Meters)**

Proscenium Arch Width

9.1

LX Grid Height

7.4

Proscenium Arch Height

7.4

Full Working Stage Width

11

Setting line to Front of Stage

0

Edge Stage L to wing wall

3

Setting Line to US Blacks

6.0

Edge Stage R to wing wall

3

Full depth from cyclorama line to seating bank half out

11.8

Depth of seating bank half out to stage edge

5.8

Width of floor area when seating bank half out stair block to stair block

10.57

Width of floor area when seating bank half out wall to wall

*Please note: this document is for guide purposes only and does not guarantee availability. Please check with Technical Manager for variations*

End on stage with a soft Blue Proscenium.

Maximum performance space is 10m wide x 6m deep.

Stage surface is flat floor, not raised and with no rake.

Stage is a sprung wooden floor painted matt black.

Screws, nails, staples, and other fixings are not permitted.

All Fire doors in the auditorium are not to be locked or blocked during rehearsals and performances.

### Stage Management

The venue does not have a permanent Prompt Corner. There are coms points either side of stage (Upstage and Downstage), Follow spot and control positions. There is a FOH tab pulley system located DSL.

### Tracks and Cloths

The stage is black box style with soft black masking on both sides of the stage and upstage along the back wall.

In addition, there are four 2m wide x 7.6m tall soft leg masking (two per side) that are used to mask entrances and exits. There are a full set of blue house tabs, manually operated from stage left. There is a full width white cyclorama hung upstage behind the black masking.

### Flying

Please note that our Lighting grid is a fixed bar system and cannot be flown. All rigging and focusing is via the in-house Scissor Lift. We have 4 Lighting bars over stage, 2 wing side bars (4 metres in length, max SWL 50kg each), 1 advance bar and 1 bridge bar both positioned in front of the stage, along with two small perch bars Auditorium right & left.

There is no Fly tower above our fixed Lighting rig.

There are 4 x 250kg Liftket Chain hoists, along with 3 x 4m lengths of Prolyte Truss. This can be configured to fly lightweight scenery, cloths, and lanterns (Subject to prior agreement & SWL). This is permanently hung just in behind the fourth Lighting bar.

### Hardware

1 x swipe track (10m)

3 x 4m Prolyte Truss

4 x 250kg Liftket Electric Chain Hoists

6 x Doughty Tank Traps

1 x 5m Scaff

2 x 4m Scaff

4 x 3m Scaff

4 x 2m Scaff

4 x 1m Scaff

4 x fixed right angle scaffold clamps

6 x 12.5kg Stage Weights

18 x Doughty Steel Boom Arms

10 x Stage Brace 1.7m – 3m

## **Staging/Floors**

10 x Aluminium LiteDeck (8ft x 4ft)

2 x Aluminium LiteDeck (4ft x 4ft)

4 x Steel Deck (8ft x 4ft)

48 x 2ft legs

32 x 1ft legs

3 x rolls of Harlequin black/grey reversible dance floor (3 of 10m x 2m)

**Please note that No Outdoor Footwear is allowed on the Harlequin dance floor.**

## **Lighting**

### **Lighting Control**

ETC ION with 2 x 20 Fader wing with 1 flat screen monitor and 1 touch screen monitor (both wall mounted)

ETC Nomad Gadget 2 with 1 x programme wing, ASUS Laptop or iMac with latest software  
iPhone 7 remote with hard case

### **Dimmers**

96 channels of hardwired Zero 88 Chilli Pro 24 dimming (maximum 10a per circuit)

### **Power**

Throughout the stage is 13amp power accessible from all areas of stage. There is a 32A three phase power supply located DSL. **(32A three phase is fed into a power distro permanently racked DSL)**

**Please note that venues lighting is all on Universe 1**

## **Lantern Stock**

### **Fresnels**

17 x Selecon Rama 150mm Fresnels (1.2k & with barndoors)

6 x Strand Quartet Fresnels (650W & with barndoors)

### **Pebble Convex**

5 x Zero 88 PC's (650W)

### **Profiles**

20 x Selecon Pacific 14° - 35° Zoomspot (1k's) – 8 rigged on FOH bridge

4 x Teatro Tratto 22° - 40° wide beam (1.2K's) – Stored in workshop

4 x Teatro Tratto 15° - 28° narrow beam (1.2K's) – Stored in workshop

8 x Selecon Acclaim Axial Zoomspot 18°-34° (600w)

2 x Zero 88 profiles (600W)

3 x ETC Source Four 10° - 2 rigged on advance for Mirrorball

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## Floods

9 x Selecon LUI Cyc Floods (1kw) (with barndoors)

## PAR

38 x Parcan 64 (1k CP62) other lamps are available upon request

11 x Parcan 56 (300w MFL) other lamps are available upon request

## LED & Movers

4 x Lanta Fireball LED Short PAR64 (3 permanently rigged on LX3, 1 spare)

4 x Stairville LED PAR64 CX 3 RGBW (permanently rigged on LX4)

2 x Chauvet Intimidator 155 spots (rigged on the Upstage Truss)

## Accessories

Gobo Holders for Selecon Pacific profiles (B size)

1 x 50cm Mirrorball and 1 rpm motor

All lanterns have either safety chains or safety bonds

## Cables

Limited supply of 13A, 15A and 16A in various lengths, as well as 3 and 5 pin DMX available to use.

3 x 16A tri splits

## Sound

Sound mixing position is to the left-hand side of the control booth or alternatively the sound desk can be situated in the centre of the back aisle of the seating bank just in front of the control booth.

## Control

1 x Allen and Heath Avantis Digital Console with DPack license. (64 inputs, 12 stereo FX sends & returns, 42 Configurable bus architecture).

The desk is linked by four grade Cat5e to the GX4816 digital stage box situated DSL. The stage box has 48 inputs and 16 outputs.

The desk is configured in an input to matrix setup (any input to any output for each of the 4 Yi7P, 2 B6 subs, 2 delays and each pair of inner and outer front fill if used for the performance.)

Fitted to the console is a Dante 128x128 card. Multitrack recording is not possible with the inhouse iMac due to hard drive write speeds being too slow. You will have to provide your own computer with a Dante Virtual Soundcard license if you wish your performance to be recorded.

**\*Our Dante card is clocked at 96KHz which limits Dante virtual soundcard to 32x32 channels.**

## Playback

Playback is via 1 x iMac with Qlab V4 (Qlab V5 files cannot be opened by V4) full licence and inputs for MP3/Laptop

## **Speakers**

Full range D&B FOH system with Electro Voice delay speakers

- 2 x D&B B6 (1 per side)
- 2 x D&B Yi7P (1 per side ground stacked)
- 2 x D&B Yi7P (Flown FOH)
- 4 x D&B E8 (Front fills for live music events only)
- 2 x Electro Voice ZX1 (under FOH bridge for delays)

## **Amplifiers**

- 2 x D&B 30D
  - 1 x Electro Voice CP1200 (powering the Electro Voice ZX1 delays)
  - 3 x Lab Gruppen IDP2400 (powering the 6 EM Acoustics M10 foldback stage monitors)
- This system produces an SPL of 117dB A weighted LEQ 15 throughout the auditorium.

## **Stage Sound Accessories**

- 6 x EM Acoustics M10 foldback monitors
- 2 x Electro Voice SxA100 active speakers (can also be used as extra foldback monitors or side fills)
- 1 x Yamaha 18" active sub for drum fill
- 7 x Studiospares active mono DI box
- 2 x Studiospares passive dual DI box
- 3 x Behringer active dual DI box
- 16 x Tall boom mic stands
- 8 x Short boom mic stands
- 2 x Tall straight mic stands with round base

## **Audio Cables**

- 2 x 24/8 way stage box (1 x US and 1 x DS)
  - 3 x 8 way stage box
  - 1 x 6 way stage box
  - 6 x Jack to jack (various lengths)
  - 7 x 1M XLR
  - 14 x 3M XLR
  - 41 x 5M XLR
  - 2 x 9M XLR
  - 7 x 10M XLR
  - 5 x 15M XLR
  - 4 x 20M XLR
- Various lengths and quantities of Speakon Cable

## Microphones

5 x Shure SM57  
4 x Shure SM58  
1 x Shure Beta52  
2 x Audix OM2  
3 x Sennheiser e604  
3 x Sennheiser e609  
1 x Sennheiser e614  
2 x Golden Age Project FC 4 MC  
4 x Audio Technica ES 935 (2 permanently installed on the lectern)  
1 x AKG Drum Set Big II (1x AKG D112 4x C518M 2x C1000S)  
2 x Sennheiser wireless e835 Handheld  
4 x Sennheiser wireless SK100 bodypack (with lavalier or headset mics)  
4 x Sennheiser ew 100 G3 wireless receivers

**For larger productions we can hire in additional radio microphones from a local hire company that the venue regularly uses. Please contact Technical Manager for information.**

## Audio-Visual

1 x 5.5m x 4m projector screen situated directly upstage of Lighting bar 2  
1 x Panasonic ex500 xga projector permanently rigged centrally on the Lighting bridge  
1 x 50" Panasonic Plasma with Unicol stand  
1 x Professional lectern  
4 x Dell Latitude E5510 laptop  
1 x SDI reel output DSR to control room  
1 x SDI output FOH Bridge to projector  
1 x Sony DVD player in control room  
4 x Decimator MD-LX (1 in lectern, 1 with projector on FOH Bridge and 2 in control room at back of Kramer switch)

**Please note that the laptops have HDMI outputs and no VGA output**

**Supported hardware: Apple Macbook, Windows based laptops & Apple iPad.**

## Effects

1 x ADJ Entour Faze Jr haze machine  
1 x Chauvet 1dx Haze machine

## Tie-Lines

There are full audio tie-lines between control room and stage including 4 lines of Cat5e located DSR, and 2 dedicated Cat5e audio lines.

### **Backstage Facilities and Additional Information**

On the ground floor, adjacent to stage left there is a green room with two sofas, tea/coffee making facilities, microwave, and a fridge. There is also a washing machine and a separate dryer. Just along from the green room to the left is an accessible toilet.

On the first floor, there are two large dressing rooms. Dressing room one has mirrored seating for 5 and Dressing room 2 has mirrored seating for 7. Both rooms have showers and toilets. On the first floor there is a backstage cross over that can be used as a third dressing room.

At the Front of house there are also three breakout rooms used for conferencing or alternatively can be used for rehearsal space/additional dressing rooms.

The Arts Centre consists of the main house auditorium which is 232 seats end on format with raked seating. When row AA is added the capacity is at 252. The first five rows are retractable bleacher style seating. With the seating out the maximum capacity is 380 (standing/seated mix). There is an induction loop (IR) in the auditorium.

### **Staffing**

The terms of this contract include the services of one professional theatre technician for up to 10 hours in any 24-hour period. Additional working hours for this technician and/or any hours provided by additional staff will be recharged at £20 per hour between 08:00 and 23:00 and £25 per hour at all other times to the nearest 15 minutes. Minimum call for technicians is 4 hours. Work resulting in the loss of a compulsory meal break will be charged at double time.

### **Rechargeable Items and External Hire**

#### **External Hire**

Any additional technical equipment and backline instruments/amps can be hired from the venue's preferred local hire company. The hire charges incurred will be recharged back.

#### **Rechargeable Items**

Radio Microphones (including Handheld), Followspot, Followspot Operator, Projector, 50" Flat screen TV, Additional laptops, Hazer, Pyro, Flame check and consumables (tape/batteries etc).