



Technical Specification From September 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

13

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 Prolite 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 Prolite 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

8 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

iPad mini with OSCRF and RFR remote apps 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)**

Lantern Stock

Fresnels

16 x Selecon Rama Fresnels (1.2k & with barndoors)

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

Profiles

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

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

3 x ETC Source Four 10°

Floods

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

PAR

32 x Parcan 64 (1k CP62)

Intelligent fixtures

8 x Stairville LED PAR64 CX-30 RGBW (permanently rigged on LX3 and LX4)

4x Lanta Fireball PAR64 QUAD (permanently rigged on the advance LX bar)

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

1x Chauvet 1DX Hazer (rechargeable)

Accessories

Gobo Holders for Selecon Pacific profiles (B size)
1 x 50cm Mirrorball and 1 rpm motor & 2x pin spots

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 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 tour 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 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 possible with a maximum of 32 channels for a rechargeable fee. You may provide your own computer with a DVS license if you do not wish to pay the recharge

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

The sound system can be fed via 8 channels of AES/EBU drive lines (4x stereo pairs) or 4 channels of analogue in a Left Right Sub Fill configuration

Playback

Playback is via 1 x Mac Studio with Qlab V4/5 (Qlab V5 files cannot be opened by V4) inputs for MP3/Laptop.

Please note: A Qlab license is required for more than 2 channels of output. This can be obtained from Figure53 (the makers of Qlab) or we can purchase a license and recharge the cost.

Approximately £5 per day.

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 (Situated SL & SR for stage fills)

Amplifiers

- 2 x D&B 30D
 - 1 x Electro Voice CP1200 (powering the Electro Voice ZX1 stage fills)
 - 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)
- 2x RCF ART 712 Active speakers
- 1 x Yamaha 18" active sub for drum fill
- 7 x Studiospares active mono DI box
- 2 x Studiospares passive dual DI box
- 16 x Tall boom mic stands
- 8 x Short boom mic stands
- 3 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
- 4 x 1M XLR
- 14 x 3M XLR
- 41 x 5M XLR
- 7 x 10M XLR
- 5 x 15M XLR
- 4 x 20M XLR

Microphones

- 4 x Shure SM57
- 8 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 C418M 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

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
1 x Dell Latitude E5510 laptop
1 x SDI reel output DSR to control room
1 x SDI output FOH Bridge to projector
1 x DVD player in control room
4 x Decimator MD-LX (1 in lectern, 1 with projector on FOH Bridge and 1 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.**

Effects

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

Please see contract.

Rechargeable Items and External Hire

External Hire

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

Rechargeable Items

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