



Technical Specification 2019

Technical Department

Technical Manager: Vicky Allen

Phone: 01635 244 254

Email: v.allen@arlingtonarts.co.uk

STAGE

Stage Dimensions (Meters)

Proscenium Arch Width

9.1

LX Grid Height

7.4

Proscenium Arch Height

7.4

Full Working Stage Width

9.1

Setting line to Front of Stage

1.0

Edge Stage L to wing wall

1.2

Setting Line to US Blacks

5.5

Edge Stage R to wing wall

1.3

Full depth from cyclorama line to seating bank half out

11.3

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 5.5m 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.

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

Stage Management

The venue does not have a permanent Prompt Corner. There are coms points either side of stage (Upstage and Downstage), Followspot and control positions. There is a FOH tab pulley system situated 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. Along with soft masking there are four 1.5m wide x 6m tall tormentors 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 inhouse Scissor Lift. We have 4 Lighting bars over stage, 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 6 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 of the fourth Lighting bar.

Hardware

- 1 x swipe track (10m)
- 6 x 4m Prolyte Truss
- 4 x 250kg Liftket Electric Chain Hoists
- 6 x Doughty Tank Traps
- 1 x 5m Scaff
- 4 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: this document is for guide purposes only and does not guarantee availability. Please check with Technical Manager for variations

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 (from ramp to stage is approximately 10m) through three sets of double doors; 2000mm h x 1470mm w. Please note the maximum diagonal dimension is 2440mm. All equipment must be removed from the venue immediately after the last performance as part of the get-out unless otherwise agreed.

Lighting

Lighting Control

ETC Congo Junior with 1 x 40 Fader wing and 1 flat screen monitor (wall mounted).
ETC Nomad Gadget 2 with 1 x programme wing, ASUS Laptop with software and 1 flat screen monitor.

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 also 32A three phase power supply by the side of stage. **(Please note we do not have distro for the 32A feed)**

Please note that venue's lighting is all on Universe 1

Lantern Stock

Fresnels

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

Profiles

18 x Selecon Pacific 14° - 35° Zoomspot (1k's) – 10 rigged on FOH bridge
8 x Selecon Acclaim Axial Zoomspot 18°-34° (600w)
2 x ETC Source Four 10° profile

Floods

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

PAR

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

LED & Movers

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

7 x Showtec LED Short PAR64 (permanently rigged on LX4 and LX3)
2 x Martin Mac 600E wash heads

Accessories

Gobo Holders for Selecon Pacific profiles (B size)
1 x 50cm Mirrorball and 1 rpm motor
1 x 30cm Mirrorball
1 x 15cm Mirrorball
All the lanterns have either safety chains or safety bonds on them.

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 centrally in the back aisle of the seating bank just in front of the control booth.

Control

1 x Allen and Heath GLD80 Digital Mixer Desk (48 input processing channels, 8 stereo FX returns, 30 configurable buses and 20 mix processing channels). The desk is Linked by Tour grade Cat6 to the AR2412 Digital Stage box situated DSL. The Box has 24 inputs and 12 outputs.

Playback

Playback is via 1 x iMac with Qlab installed, 1 x CD or inputs for MP3/Laptop

Speakers

Full range D&B PA system with Precision Series amplifiers
2 x D&B B6 Subwoofer NL4 (1 per side)
2 x D&B Yi7P Loudspeaker (1 per side)
2 x D&B Yi7P Loudspeaker (Flown FOH)
4 x D&B E8 Loudspeaker (Onstage Front Fills)
2 x Electro Voice S40 Fill speakers (under FOH bridge)

Amplifiers

2 x D&B 30D Amplifiers
1 x Electro Voice CP1200 (powering the Electro Voice S40 fills)
This system produces an SPL of around 135dba throughout the auditorium.

Stage Sound Accessories

6 x EM Acoustics M10 foldback stage monitors
2 x DB Technologies Cromo 10" Active 200W
5 x Studiospares Active DI box
2 x Studiospares Stereo DI box
11 x Tall boom mic stands
4 x Short boom mic stands

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

Sound Cables

1 x 24 way multi stage box permanently fixed US
3 x 8 way multi stage box
1 x 6 way multi stage box
1 x 8 way multi (3pin XLR M-F)
6 x Jack to Jack (various lengths)
1 x 1M XLR
3 x 3M XLR
10 x 5M XLR
3 x 6M XLR
2 x 9M XLR
5 x 10M XLR
3 x 20M XLR
Various lengths and quantities of Speakon Cable

Microphones

3 x Shure SM57
4 x Shure SM58
2 x SM57
2 x Beyer M201 Condenser Mics
4 x Audio Technica ES 935 Condenser microphones
1 x AKG Drum Set Big II (1x AKG D112 4x C518M 2x C1000S)
1 x AKG SA40
2 x AKG C1000S
2 x Audix OM2
1 x Sennheiser e614
3 x Sennheiser e604
3 x Sennheiser e609
2 x Sennheiser wireless e835 Hand Held Microphones
4 x Sennheiser G3 Radio Mics (with mixture of lavelier and headset mics)

For larger productions we can hire in additional Radio Microphones (maximum 8) from a local hire company that the venue regularly use. 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
1x 50" Panasonic Plasma with Unicol stand
1 x Professional lectern
4 x Dell Latitude E5510 laptop
1 x rack mounted SDI connection in control room
1 x SDI reel output DSR
1 x SDI output FOH Bridge
2 x Black Magic Mini Convertor HDMI to SDI (1 in lectern position DSR and 1 in control room)
1 x Black Magic Mini Convertor SDI to HDMI (1 on FOH bridge above Projector)
Please note that the laptops have HDMI inputs/outputs and no VGA link
Supported hardware: Apple Macbook, Windows based laptops & Apple iPad.

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

Effects

1 x Le Maitre Neutron Star haze machine
1 x 6/24 channel pyro controller with 3 x double pods

Tie-Lines

There are full audio tie-lines between control room and stage including 8 lines of Cat5, and 2 dedicated CAT 6 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 which is 232 seats end on format with raked seating. When row AA is added capacity is at 252. The first five rows are retractable bleacher style seating. With the seating out 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 8 hours in any 24-hour period. Additional working hours for this technician and/or any hours provided by additional staff will be recharged at £10 per hour between 08:00 and 23:00 and £15 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

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

Rechargeable items are: Radio Microphones (including Hand held), Followspot, Followspot Operator, Projector, 50" Flat screen TV, Additional laptops, Hazer, Pyro, Flame check, Moving Lights and consumables (tape/batteries etc).

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