

## Technical Specification – July 2025

### Technical Department

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### Access and Parking

Arlington Arts Centre  
Mary Hare School  
Snelsmore  
Newbury  
Berkshire  
RG14 3BQ  
UK

Site Entrance (via Arlington Lane):

***What3Words ///metro.beginning.insiders***

***Google Maps: [51.439710, -1.327742](#)***

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.

The Load-in is via concrete ramp to the left-hand side of the building (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/set must be removed from the venue immediately after the last performance as part of the get-out unless agreed in advance.

### **STAGE**

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

Proscenium Arch Width	9.10
LX Grid Height	7.40
Proscenium Arch Height	7.40
Full Working Stage Width	11.0
Setting line to Front of Stage	0.0
Edge Stage L to wing wall	3.0
Setting Line to US Blacks	6.0
Edge Stage R to wing wall	3.0
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 to stair block	10.57
Width of floor area when seating bank half out wall to wall	13

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

## STAGE (cont)

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 comms 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. **ALL tracks and cloths are non-moveable.**

## Flying

Please note that our Lighting grid is a permanent 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 (SWL 150kg each), 2 wing side bars (4 metres in length, max SWL 50kg each), 1 advance bar (SWL 150kg) and 1 bridge bar (SWL 150kg) both positioned in front of the stage, along with two small perch bars Auditorium right & left (SWL 50kg).

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

6 x Doughty Tank Traps

8 x 12.5kg Stage Weights

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

**\*Please note that No Outdoor Footwear, Set or Props/furniture are allowed on the Harlequin dance floor, unless first agreed with the Technical Manager.**

## LIGHTING

AAC currently have a fixed LX rig over stage, a plan of which is shown on our website or is available as a separate .pdf upon request.

### 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 Mac 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

### Fresnel's

14 x Selecon Rama Fresnels (1.2k & with barndoors)  
6 x Strand Quartet Fresnel's (650W & with barndoors)

### Profiles

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

### PAR

28 x Par-can 64 (1k CP62)

### Intelligent fixtures

8 x Stairville LED PAR64 CX-30 RGBW (permanently rigged on LX3 and LX4)  
4 x Lanta Fireball PAR64 QUAD (permanently rigged on the advance LX bar)  
2 x Chauvet Intimidator 155 spots (permanently rigged on LX01)

### Accessories

Gobo Holders for Selecon Pacific profiles (B size)  
1 x 50cm Mirrorball and 10 rpm motor (permanently rigged between Advance Bar and LX01)

\*All lanterns have either safety chains or safety bonds

### Cables

A limited supply of 13A, 15A and 16A in various lengths, as well as 3 and 5 pin DMX available to use.  
6 x 16A tri splits

## **SOUND**

The sound mixing position is permanently 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 D-Pack 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 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**

Play back can via Qlab5 installed on our m4 Mac Mini (Control Room) or a Mac Studio (Sound position) or 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 £6 per day.

### **Speakers**

Full range D&B FOH system

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 (Situating 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)  
2 x 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  
14 x tall boom mic stands  
8 x short boom mic stands  
4 x Tall straight mic stands with round base

## Audio Cables

1 x 32/8-way stage box located US  
1 x 24/8-way stage box  
4 x 8-way stage box  
4 x 1M XLR  
10 x 3M XLR  
25 x 5M XLR  
6 x 10M XLR  
4 x 15M XLR  
4 x 20M XLR

## Microphones

4 x Shure SM57  
10 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)

## Wireless Mic system \*

2 x Sennheiser wireless SKM100 with SeV7 capsules  
1 x Sennheiser wireless EW500 G3 with Sennheiser 935 capsule  
8 x Sennheiser EM 500 G3 wireless receivers  
8 x Sennheiser SK500 bodypack (with lavalier or headset mics)  
4 x Sennheiser EW 300 G4 wireless receivers  
4 x Sennheiser SK300 bodypack (with lavalier or headset mics)  
4 x Sennheiser EW 100 G3 wireless receivers  
4 x Sennheiser wireless SK100 bodypack (with lavalier or headset mics)

8 x Neoprene Body Pack pouches

*\* Please note the use of more than 12 Radio Frequencies in the GB Range requires an additional RF Channel with an OFCOM license for CH38 & 39, the use of which will incur an additional cost to cover the OFCOM license fee.*

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## 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 Professional lectern  
1 x Dell Latitude E5510 laptop (HDMI output only)  
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)

## Effects

2 x Chauvet 1DX Haze machine  
1 x Mirrorball, permanently rigged above DSC setting point.

## 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.

### **In-House Rechargeable Items**

Wireless Radio Microphones (including Handhelds)

Follow-spot

Projector

Hazers

Consumables (Flame-check / tape / batteries etc).

\* Price list for above upon request.

***If you have any questions about any of the information contained in this document, please don't hesitate to email or call us.***