



Technical Specification – August 2026

Technical Department

Technical Manager: Darren Gould

Phone: 01635 244 246

Email: d.gould@arlingtonarts.co.uk

Sound Technician: Oliver Byrne

Phone: 01635 244 246

Email: oliver.byrne@arlingtonarts.co.uk

Access and Parking

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

Gated Site Entrance (via Arlington Lane):

What3Words ///metro.beginning.insiders

Google Maps: 51.439710, -1.327742

The Arts Centre consists of the main house auditorium which is 230 seats end on format with raked seating. When row AA is added the capacity is at 250. The first five rows are retractable bleacher style seating. With the seating out the maximum capacity is 380 (standing/seated mix). 4 House seats are also available.

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 height x 1.47m width. 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 with the Technical Manager.

STAGE

Stage Dimensions (Meters & Feet)	Mt	Ft
Proscenium Arch Width	9.1	29.85
LX Grid Height	7.4	24.27
Proscenium Arch Height	7.4	24.27
Full Working Stage Width	11.0	36.08
Setting line to Front of Stage	0.0	00.00
Edge Stage L to wing wall	3.0	09.84
Setting Line to US Blacks	6.0	19.68
Edge Stage R to wing wall	3.0	09.84
Full depth from cyclorama line to seating bank half out	11.8	38.71
Depth of seating bank half out to stage edge	5.8	19.02
Width of floor area when seating bank half out stair to stair block	10.5	34.44
Width of floor area when seating bank half out wall to wall	13	42.65

STAGE (cont.)

End on stage with a Proscenium stage.

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 in the walls or flooring.

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 & at the Follow spot, Sound and Control positions. There is a pulley system for the house TABS located in the DSL wing.

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 (MEWP).

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 are 4 x 250kg Liftket Chain hoists, connected to 12m Truss (3 x 4m lengths of Prolyte Truss). This can be configured to fly lightweight scenery, backdrops, cloths, and lanterns (Subject to prior agreement & SWL). This is permanently hung just in behind the fourth Lighting bar and can be raised & lowered to any height.

There is no Fly tower above our fixed Lighting rig.

Hardware

6 x Doughty Tank Traps
12 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 *Set or Props* or furniture are not 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 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 mounted on the wall)
ETC Nomad Gadget 2 with 1 x programme wing.
iPad mini (in a hard case) with OSCRF and RFR remote apps.

Dimmers

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

Power

13amp hard power is accessible from all areas of stage. There is a 32A three phase power supply located DSL. A 32A three phase is fed into a power distro permanently racked DSL (which supplies mains power to the AAC the stage rack.)

Lantern Stock (most already rigged above stage, see LX plan)

Fresnel's

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

Profiles

16 x Selecon Pacific 14° - 35° Zoom-spot (1k's) – 7 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 the 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.
5 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.

Sound 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 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 and operator 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.

Sound playback.

Play back is via Qlab5 installed on our m4 Mac Mini (Control Room) or a Mac Studio (Sound position) or DI 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 temporary license for the duration of the production and recharge the cost @ £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)

2 x Electro Voice ZX1 (permanently situated in the SL & SR wings 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

6 x Studiospares active mono DI box

2 x Studiospares passive dual DI box

12 x tall boom mic stands

8 x short boom mic stands

4 x Tall straight mic stands with weighted round bases

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

20 x 5M XLR

4 x 10M XLR

2 x 15M XLR

2 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)

12 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.*

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 (DSR)
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 *
2 x 55" Samsung TV on the FOH bridge *

* All AV is permanently installed, connections are via Decimator MD-LX

Effects

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

Tie-Lines

Network tie-lines between control room and stage, 4 lines of Cat5e located DSR / L, and 2 dedicated Cat5e audio lines to DSL.

Accessibility

There is an induction hearing loop (IR) in the auditorium. FOH staff can provide necklace style receivers.

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 are also a washing machine and a separate dryer. Just along from the green room to the left is an accessible toilet (no public use).

On the first floor there is a backstage crossover & two large dressing rooms. Dressing room 01 (one) has mirrored seating for 5 and Dressing room 02 (two) has mirrored seating for 7. Both rooms have showers and toilets facilities.

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

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

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 & Laptop

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.