



Freedom Centre Auditorium

Technical Specifications

Below you will find detailed technical specifications for our facility. For any specific questions or to arrange a site visit, please contact the Centre Manager.

Venue Access

Load-In

Primary Entrance: Level access is available through the front doors on Moneypenny Lane, via the foyer.

Alternative Access: Direct load-in access from Bath Street into the auditorium. Please note that this may require permission for pavement parking.

Access Timings

Early access can often be arranged earlier in the week prior to your event, subject to availability. Please confirm timings with the Centre Manager.

Power & Electrical

Power Supply

16A and 32A commandos, as well as three-phase power connections, are available in both stage wings.

Additional 13A outlets are available in each wing and within nine stage floor traps.

Audio

Mixing Console

Allen & Heath SQ7 at front-of-house, linked to the stage via Allen & Heath GX4816, DX012, and DX168 stageboxes.

Monitors & Amplification

Monitors: d&b 8S loudspeakers x2 (flown) with D6 amplifier.

In-Ear Monitors (IEMs): Sennheiser G4 IEM receivers and transmitters x8.

Front of House: d&b 12S loudspeakers x4 (L/R plus centre pair) and 27S-Sub subwoofers x2, powered by 30D and D12 amplifiers.

Microphones

A limited number of house microphones are available. Hirers are advised to supply additional microphones as required.

Engineering Requirement

As per our Terms & Conditions, hirers must engage a local production company for audio engineering and wireless comms.

Lighting

Lighting Console

Hirers must bring their own lighting console. ArtNet connectivity is available at both front-of-house and stage-left.

Fixtures

- eLumen8 Evora 740ZP zoom wash x9
- eLumen8 CMY300 zoom spot x4
- eLumen8 Virtuoso 1000 Profile RGBAL x6 (front wash)
- ADJ Mega Hex Par x6
- Stairville Octagon Theatre CW/WW x8
- Pea Soup Phantom Hazer

Power & Dimmers

Additional 16A outlets are located on each lighting bar. No in-house dimmers are provided.

Rigging

Three bars on electric hoists over the stage and two bars in front of the stage for flexible lighting arrangements.

Projection & Video

Screens

Two interchangeable projection screens available: 16:9 ratio and 32:9 ratio. These screens are fixed to an upstage-centre location to align with our projector setup.

Projection System

NEC PA703UL projector, with HDMI input via HDBaseT transmitter at front-of-house position.

Additional Monitors

Stage confidence monitors x2, with NDI transmitter available either at front-of-house or on stage.

Stage Layout & Rigging

Stage Dimensions

9m wide x 6m deep, with a height of 90cm from the auditorium floor.

Stage Access

Steps to the front of the stage are positioned on both the left and right, each with handrails for safety.

Crossover

A 1m-wide crossover located behind the stage, separated by a hard wall.

Drapery

The stage is dressed with black legs and rear curtains. Rear curtains can be drawn to reveal a white cyclorama, offering flexibility in stage aesthetics.

Rigging

Trusses are positioned at 380cm above the stage, suitable for scenic elements but not for flying due to lateral motion restrictions.

Platforms

No in-house risers or platforms are available; hirers may arrange external rentals as needed.

Cameras

PTZ Cameras

Two NDI PTZ cameras on the auditorium's left wall (front and mid positions).

One NDI PTZ camera located downstage left in the wings behind the proscenium arch.

Main Follow Camera

Blackmagic Studio Camera 4K Plus, located in the tech booth.

Connectivity

Cat6 Tie-Lines

Stage to Patch Panel: Shielded Cat6 Ethercon tie-lines embedded in nine stage floor traps, routed to a patch panel on stage-left.

Stage to FOH: Twelve Cat6 tie-lines run directly from the stage to the front-of-house position.

Versatility: These connections support a range of data formats, including network data, DMX lighting, digital audio, and video transmission, providing flexibility for various production needs.

Accessibility

Hearing Assistance

State-of-the-art induction loop available for those with hearing aids.

Access

Level entry to the auditorium through the front foyer.

Staff Support

House Technician

Our house technician is generally unavailable for out-of-hours events. Hirers are required to engage a pre-approved, third-party production company for setup, operation, and de-rig of events.

For further enquiries or to discuss your event requirements, please reach out to our Centre Manager. We look forward to helping you deliver a successful and memorable event.