

Auditorium Dimensions & Details

Floor Space

Length – 35.5m (117ft)

Width – 26m (86ft)

Area – 923²

Vertical Space

Floor to underside of Catwalks – 9.1m (29.85ft)

Stage to underside of Catwalks – 8.1m (26.57ft)

Stage to underside of Trussing – 6.8m (22.3ft)

Staging & Proscenium Measurements

The stage is made up of both 8 x 4ft (2.4 x 1.2m) & 4 x 4ft (1.2 x 1.2m) steel deck units. The usual stage dimensions are 22m x 8.5m (72 x 28ft) playing to a standard pros opening of 12m (40ft). We have extra steel deck units available and can extend the stage depth to 9.75m (32ft) at full width and 11m (36ft). When extending to 11m we can only cover the last 4ft at a maximum width of 17m (55.7ft). Alterations to the standard layout may incur additional costs.

The proscenium arch is made up of house tabs and a header mounted on girder trolleys. The proscenium opening is therefore able to be set at anything up to approximately 20m (65ft).

The stage dressing is made up of three 2m black legs on each side and a set of full blacks set 1m downstage of the back wall. This is the only on stage crossover available.

Stage Risers

We have 8 8x4 risers and 4 4x4 risers, which can be on heights of 9', 1ft 6', 2ft, 2ft 6' and 3ft.

Stage Access

The loading bay doors are 3m (9.8ft) wide and 2.2m (7.2ft) high. The distance to the stage is approximately 10m (32.8ft). The stage is accessed via a truck ramp to the upstage left corner, the gradient for this is 1:3 and the angle is 17.3 degrees. This has removable handrails so may be left in situ during the performance should you wish.

Mixing Positions

We have 2 mixing positions, usual position is at the back of the circle with a space of 6m x 2m for lighting, sound, and AV. Our other position is when it is a flat floor for music gigs at the back of the room. We also have a control room at the back of the auditorium for lighting if needed.

Trussing

The stage truss is 21m x 5m (68.8 x 16.4ft) and is flown on 10 Liftket 1t motors. There are 5 spreaders on the top chord of the truss running up and down the stage.

Flown FOH (usually 1.5m downstage of the usual stage depth) is a 15m Truss (12" box) hanging on 4 x 1t Verlinde 1t motors.

Advanced FOH is a 15m Truss (12" box) hanging on 4 x 1t motors, used as a profile bar.

We have 2 points hung as PA points and a further 2 hung approx. 10m downstage of the front edge for a delay truss.

We have a 9.5m Tallescope in the venue which can be used for accessing the trusses and for the installation of additional rigging points.

Flying and Rigging Positions

Please Note - All distances quoted are downstage of the back wall.

0.00m	- Motorised bar (Usually reserved for Cyc or Star Cloth)
0.75m	- Tab Track rigged with Full Blacks
1.00m	- Back edge of House Truss
1.55m	- Black legs
3.35m	- Black legs
5.10m	- Black legs
6.00m	- Front edge of House Truss
6.50m	- House tabs in furthest upstage position
7.00m	- House border in furthest upstage position
11.00m	- House tabs in furthest downstage position
11.50m	- House border in furthest downstage position

There are girders in the roof, which can be rigged on using Span sets, Steels or Girder Clamps. SWLs are 1t per bay on the Up/Downstage beams and 2t per bay on the cross-stage beams. Please see separate plan for confirmation on which beams are rated.

STOCK LISTS

Lighting Control

Avolites Arena

Jands 48 plus Lighting Desk (96-way single pre-set)

96 ways of ADB Euro Rack 60 3kw dimmers

Lamp Stock

20 ADB F101 1.2kw Fresnels (C/w Barn doors)

12 Source Four Zoom CE (15-30 degree Zoom, 750 Watt) All Rigged
Permanently on Advanced FOH Bar

12 ADB DS101 1.2kw Profiles

4 x 6way Par64 Bars (Usually mounted on FOH Truss)

60 Par 64 Cans (Usually fitted with CP62 Lamps)

2 x Robert Juliat Topaze Follow Spots (1200w)

4x LEDJ 18w Led Par Cans (Uplighters)

All dimmer outlets are 15a and are hardwired in groups around the building – there is no hard patch.

Cabling

A selection of SocaPex and Fan Outs (Male and Female) and TRS is also available.

Sound

We have a full PA system capable of covering most aspects of performance, from stand-up comedy to live music and theatre.

PLEASE NOTE

Mixing position is at the back of the circle. Cable distance from stage to mixing position is approx. (to be sorted)

We will be able to accommodate most patching in with CAT5e, DMX or XLR. Any queries please do not hesitate to ask.

FOH PA

Allan & Heath Avantis (64 Channel)

GX4816 48 in 16 out

DX168 16 in 8 out

D&B C4 Speakers (2 Subs and 2 Tops per side)

D&B D20 Amps x 3

CAT5e from stage to mixing position 75m.

CAT5e 25m throw out for stage.

48 Way send 75m Multicore with stage box and tails.

16 Way return 75m Multicore with box at both ends

Tascam MD 350 Minidisc Player

Tascam CD 101 CD player

2 x D&B Max 12 Monitors

2 x DAD Touring 208A Active Speakers (Rigged permanently on Advanced FOH Bar as delays/Fills)

2 x DAD Touring 208A Active Speakers as front fills

2 x DAD Touring 208A Passive speakers as permanently flown side fills

Balcony Fills

2 pairs of EV SX200 Speakers mounted in the roof and 1 pair mounted covering the side balconies.

Microphones and Accessories

6 x SM58

1 x SM57

2 x Sennheiser 300 Series Radio Mic Systems (Handheld & Lavalier)

4 x Sennheiser ew 100 G4 Radio Mic Systems

4 x Sennheiser ew 100 G4 Lavalier Set

4 x Boom Stands

4 x Heavy Duty Round Base mic stands

2 x Vertical Pump Stands

5 x Table Mounted Stands

1 x Piano Mic

1 x 7 Piece Shure PG Drum Kit microphone set

4 x Behringer P2 Wired IEMs

8 x Di Boxes

Additional equipment can be hired in on request; quotes for this can be obtained by contacting the technical department.

Projection Equipment

We have a Optoma EH515, 5500 Lumen 1080p DLP Projector and 14 x10ft (4.2 x 3m) Fast fold screen.

(Hire charge for this is £135+VAT, price may change)

Orchestra Equipment

Steinway Model D Grand Piano (Can only be tuned to A=440 Hz, if other piano tunings are required an alternative piano must be hired in) – Piano Tunings are re-charged to the hirer at £80.

59 Illuminated RAT Music Stands
1 Illuminated RAT Conductor's Stand
A Conductor's Podium
30 Black Orchestra Chairs

We have no Orchestra Pit, but we have a 1m high rail that can be dressed and used to create a closed area for an Orchestra.

Miscellaneous Equipment

Stage Managers Desk with double monitor showing 1 colour camera from FOH. Backstage and FOH call system. 4x cue lights.

Le Maitre 6/24 Pyro Firing System.

4 x Le Maitre Double Pods for use with the above.

Please Note – We do not stock pyro cartridges but can order them in on your behalf.

Le Maitre MVS Hazer (Fluid Charge £35.00+VAT, price may change).

Tecpro comms system comprising of 6 of the latest Tecpro belt packs with a further 4 original belt packs and headsets (fully compatible).

Toured Sound and Lighting Power

We have 2 x 200a 3ph supplies for toured lighting and sound.

Connection is available via PowerLocks and the full range of CEE17 single and three phase connectors (except 16a). The mains run to the u/s left corner is approx. 10m.

Please Note – we are no longer able to ‘tail in’ for mains power and are only able to provide connection via the outlets listed above.
If CamLock connectors are toured, then Cam to Powerlock converters will be needed (Not supplied).

The standard mixing position is at the rear of the stalls on the flat floor (3 rows x 12 seats); multicore run is approx. 50m.

Other options are available for mixing positions, but these will need to be discussed and agreed before the show is on sale due to ticketing implications.

Cloths and Miscellaneous Items

Full Black Cloth on track (40 x 25)

Mid-Stage Split Blacks on track (46 x 23)

A selection of borders (However please note that these are converted from old drapes and are not purpose made / high quality borders)

Tables and Chairs

200 Blue Banquet Chairs

20 x 6' (1.8m) Tables

10 x 2' 6" (70cm) Tables

Dressing Rooms

We have 4 dressing rooms located on the first floor, each with its own toilet and shower facilities. These can be accessed via two sets of stairs or a lift.

2 x Star Dressing Rooms – 3m x 2.75m
These include 1 mirror and dressing table

2 x Chorus Dressing Rooms – 8.75m x 5m
These include 4 mirrors and large dressing table.

These 2 dressing rooms can be opened to make a single large area by way of a folding partition.

Disabled toilet.

Catering & Wardrobe

A staff kitchen area is located on the ground floor with two sinks, a fridge, freezer, dishwasher, washing machine and tumbler dryer.

Additional piping is installed to service extra washing machines.

Catering can be set up in the link corridor, which is 4m (13.1ft) wide. This area has a distro housing 6 16a single phase sockets, 3 32a single phase sockets and 2 32a 3 phase sockets. **Please note that this area must be completely cleared by doors.**

Accessibility

The venue can be accessed from ground level at all entry points with lifts both front of house and backstage for access to the dressing rooms / crew rooms.

The stage is accessed via a ramp to the upstage left corner, the gradient for this is 1:3 and the angle is 17.3 degrees.

The Box Office is fitted with a hearing loop system and the auditorium has an infra-red hearing loop which the Box Office can provide an induction loop necklace for.

The performance space is covered by an Infra-red Sennheiser hearing loop and by our Wi-Fi enabled Mobile Connect system which plays show audio through blue tooth enabled hearing aids via a free app. QR codes are displayed in the venue to connect.

There are three accessible toilets in the venue they are in the main foyer, first floor bar and first floor dressing room corridor.

If any of the artists or company have any access requirements, they would like the venue to be aware of in advance of their visit, then please let the venue management know.

In order for us to keep our customers informed please can you advise if any strobe or fast flashing lighting is used during the performance. Specific times of use would be helpful in advance if available.