



The Alban Arena
Civic Centre
St Albans
Hertfordshire
AL1 3LD

Technical Specifications

Last updated: July 2019

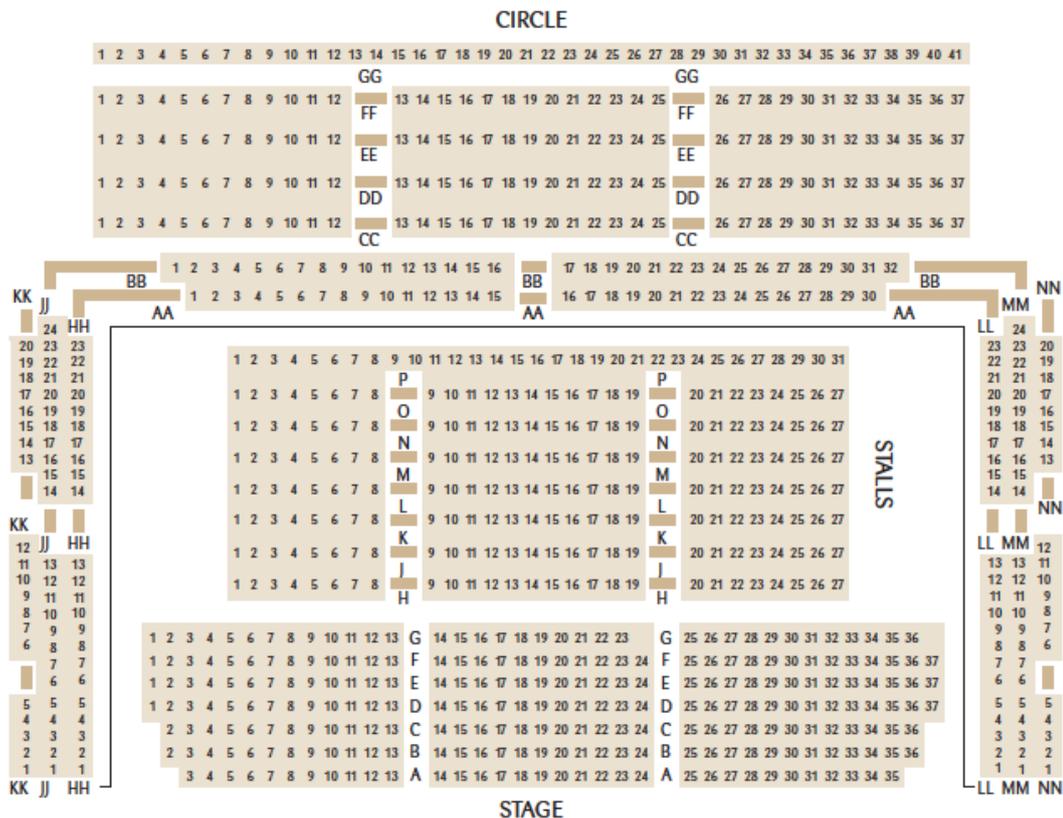
Production Manager: Nigel Palmer
 Technical Manager: Crispian Robinson
 Senior Technician: Pak-Li Yu
 Technician: Kate Jenkins

Email (Technical): aatechnical@1life.co.uk
 Email (FOH): alban.arena@1life.co.uk
 Email (Marketing): aamarketing@1life.co.uk
 Phone (Admin): 01727 861 078 after 10.00am
 Website: www.alban-arena.co.uk

Capacity

Full Seated	854	Standing	1185	Exhibition	1400
Flat Stalls	255	Raised Stalls	220	Balcony	385

For the orchestra pit rows A, B and C are removed



Stage Information

Proscenium Opening:	13.7m
Open Tabs Width:	11.1m
Width of Apron:	14.7m
Width of Stage inc. Wings:	17.3m
Back Wall to Front Edge:	9.4m
Height from Stage Floor to Grid:	10.9m (No access to grid)
<u>Deaded</u> Fly Bar Height from Stage Floor:	9.9m
Auditorium Floor to Stage Floor:	1.2m
Auditorium Ceiling Height from Auditorium Floor:	8.8m
Auditorium Ceiling Height from Stage Floor:	7.6m

We have 2 4' x 4' pieces of litedeck which can be used as PA wings
There are Treads to the auditorium both sides of stage. These can be removed or moved to the center if in exhibition configuration
There is a corridor at the back of the stage which can be used as a crossover

Masking

Tabs are red velvet, operated by motor controlled from Prompt Corner
Cyc is the back wall of stage painted white
Full Blacks are tabs on a track (1 set upstage and 1 set midstage)
4 sets black legs, 4 black borders

Cue lights

Cue lights are installed S/R, Fly Floor, Control Room, Green Room, and there is a socket for an MD/ Orchestra Pit cue light. These are controlled from the Prompt desk.

Camera

There is an infrared camera at the back of the auditorium just below the control room with a 19 inch monitor in prompt corner and OP.

Backstage PA

There are speakers in all dressing rooms, the green room and the basement for the backstage relay. Backstage calls are given from the Prompt desk

FOH/sound position

This is located at the rear of the raised stalls just in front of the balcony. The small position takes out 12 seats; the full position loses 22 seats. Items required at the front of house position must be **manually lifted**. Any particularly heavy items that may be too heavy to lift may need to be located elsewhere. Please speak to the tech manager for options.

Multicore length from Stage to FOH position ~ 50m

Access ladders

1 x 7-10m Zarges, 2 x small A frame ladders, 1 x adjustable upright ladder

Rigging

3 points FOH in the auditorium 7.3m from front edge of stage/ 8.4 from pros
There is a truss approx 1m from the pros the house PA is flown on. **This does not move.**

Flys

Please note there is no access above the grid and it is not possible to rig to the grid.

31 bars: 23 counterweight (double purchase), 6 electric winches

Cinema screen is bar 10 (not available for rigging)

House tabs on bar 1.

See house grid plan for more details

SWL of counterweight bars is 250kg spread

SWL of electric winch bars is 500kg spread

SWL of bar 3 is 150kg spread

Bar length is 42ft/ 14m

The bars are held by 4 steels so heavy items which need to be rigged central may need scaff to spread the weight

Comms

We have Beyer DT108 headsets with Canford BP111 belt packs and Canford base station.
There are comms points D/S/L, D/S/R, U/S/L, Flys, FOH sound position, control room and both followspot positions

Risers

We have 20 pieces of 8x4 Litedeck with legs from 1ft up to 4ft. The 4ft legs can be used to extend the stage if necessary. Hand rails available.

Loading Area

The loading area is located behind the stage on the back wall of the building. Stage load in into the dock is by a hydraulic lift. FOH can be loaded straight in to the auditorium via a fire exit round the corner from the dock.

Dock Lift: 8ft/2.5m x 5ft/1.5m

Road level to stage level: 5.6ft/1.7m

Dock Door: 6.5ft/2m x 13.8ft/4.2m

Max weight limit: 1000kg

Lighting

Desk: Chroma Visa 3 desk

Dimmers: 68 x 2kw (Note that not all dimmers may be available as stage dips are hard wired)

Followspots: 2 x Spotlight LED

Lighting bars (IWBs) are rigged on to electric winch bars (LX1 bar 4, LX2 bar 11, LX3 bar 23.

There are small booms close to the stage on the balcony.

Due to the way the patch panels are designed there are 24 circuits which are shared between LX 1 and 2 (46 sockets total on bars).

There are 9 circuits on LX 3.
LX 4 has LED battens.
24 circuits + 6 extra circuits FOH
12 switchable hard power circuits FOH

For shows which require large numbers of circuits please contact the Tech department for solutions.

Please ask if you require our standard rig plan.

*** Lighting Stock Standard Rig**

(* contact Technical Department for further details)

Sound Equipment

Please note that frequencies 606.500MHz and 613.275MHz on Channel 38 CANNOT BE USED at the venue as they interfere with the local council chamber.

Desks:

1 x Midas PRO2
1 x M32
1 x Allen and Heath Mixwizard WZ316.2

FOH Sound System: L'Acoustic KARA system setup by L'Acoustic.

Line Array: L'Acoustics KARAi (6 per side), SB18i subs (2 per side),
Front Fills: 6 x 8XTi across front edge of stage, 1 x 12XTi centre fill flown
Balcony Fills: 1 x 8XTi per side
Under Balcony Fills: 1 x 8XTi per side

Amps: L'Acoustics LA8 and L'Acoustics LA4, MC² T1500 for monitors

System Control: XTA DP548 – For Distribution Only. No EQ.

Monitors: 6 x Martin Audio LE1200, 2 x Turbosound TXD 12-M

Muticore: We have 6 x Cat5 lines running from DSL to FOH sound position. Toured/hired analogue multicore can be run in around the edge of the balcony. **Please note that we have limited in house analogue lines running from stage to FOH. Please contact us if you require our analogue lines.**

CD Players: Numark CDN770USB Dual Unit, 1 x Marantz PMD340

*** Microphones**

*** DIs**

*** Stands**

(* contact Technical Department for further details)

Projection – Recharge fee of £80 plus VAT per day applies

NEC NC2000 DLP Cinema Projector

Dolby DSS200-3 Cinema Server

Dolby CP750 Processor

BTS CP750 Bypass unit (can be used for alternative content e.g. laptops)

JBL surround speakers including dedicated cinema sub

Dolby 7.1 surround sound

Polichinelle roll-down screen 6.2m x 11.5m (Bar 10)

Alternative content can be sent from the FOH sound position or stage right via VGA connection

There is a small drop down screen from the top of the pros.

The Alban Arena reserves the right to show advertising on this during intervals.

Power

125A 3 phase Ceeform D/S/L

63A single phase Ceeform D/S/L

200A Camlock with powerlock adapters D/S/R

There are 13A sockets around the stage and in the fly towers both sides of stage

There are 3 x 32A Single Phase sockets in the roof above the auditorium

1 x 16A sound power and 2 other 13A at FOH sound position

3 x 32A single phase and 1 x 32A three phase in the server room may be used for motor power etc, provided these are not in use by catering.

Distribution

1 x 125A 3ph to 3 x 32A 3ph protected via MCB/RCD

3 x 32A 1ph to 4 x 13A protected via RCD

Dressing Rooms

2 group / chorus rooms (Room 1 holds 8 people; Room 2 holds 10 people – both have sinks)

4 single / double rooms (Room 3 has a sink)

All rooms have individual lit mirrors

Phone socket available in room 6

Showers available in backstage toilets

For shows that require extra rooms or rooms for large groups there are curtains in the basement which can be drawn to create temporary dressing rooms.

This must be arranged in advance.

There is a Green room with sofas, Freeview television, a microwave and a fridge. Wifi is Available (see below)

Wardrobe

Although there is no dedicated wardrobe area there is a washing machine located in the backstage ladies toilets and 1 tumble drier located in the main store. An iron and ironing board are available. It may be possible to use an area of the green room or, if not in use, there is room in the main store area

Wifi

We have wifi in the Green Room / Dressing Room area. There is a code which is available from the duty Technician, however this is prone to shut down if too many people (more than six) try to use it.

Catering

There is a servery auditorium right. This contains:

1 6ft fridge
1 6ft freezer
1 oven
2 microwaves
1 kettle
2 large sinks. There is a large food preparation/serving area which can be opened to serve into the auditorium

Please forward any catering queries to the Front of House Manager **Lauren Vousden** via the admin phone line 01727 861 078 or email alban.arena@1life.co.uk

Other

1 x Baby grand Moutrie C3 piano
1 x 50cm mirror ball and rotator
Approx. 160 black chairs available
Tables available are: 2' square tables; 3' and 6' trestle tables; 8' and 10' heavy duty tables. 24 round "cabaret" style tables.
Sennheiser infrared system for hard of hearing

Backstage Access

The stage door is located on the back wall of the building on the opposite corner to the loading dock.

Please note there is no stage door keeper. Access to the stage door requires a code which will be given to the Tour Manager / Company Manager on the day. This code can be set to a specific code if required and arranged in advance. The code changes regularly.

Parking

We ask that parking requirements are sent to us as far in advance as possible so that we can inform the local council if road closure is required. There is a £25.00 deposit for parking permits that is refunded when the pass is handed in at the end of the event.

Parking for vans, trucks and buses is on the back wall of the building next to the loading dock, cars must be parked in the local car park. Where multiple large vehicles are involved the road will be closed off and the disabled parking bays next to the dock may also be used.

All vehicles parked on site must display a pass which will be issued on the day (see above). Failure to display a parking pass will result in the vehicle getting a parking ticket.

Our back wall is in Civic Close. This is about half way along Bricket Road

Please note **we do not have any on site parking for cars**. There is a car park behind the building which is pay and display. This is free after 6:30pm and £1 all day on Sundays and bank holidays.