



## **Technical Specifications**

### **A3 Arena only**

Forest Arts Centre  
Hawbush Road  
Walsall  
WS3 1AG

01922 654555

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Flexible multifunction space with extensive self-supporting truss structure for rigging of technical equipment and aerial performance work. The auditorium can be used in any orientation as required. There is a dedicated control position on a large balcony at one end of the auditorium with a purpose-built desk for equipment. The space is a light grey colour with a painted concert floor. There is no fixed seating - loose seating can be set up as required for any event.

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### **Get In**

There is NO restriction on vehicle size as we have double gate load in from the car park.

Access to the venue is through any of the 3 double fire doors that are located on the left hand side of the hall.

Two of the load in doors have a max width of 1600mm, and a max height of 2000mm, the third has a max width of 2400mm and a max height of 2240mm.

Unlimited parking spaces can be provided, but should be confirmed with the venue in advance.

# Dressing Rooms

The dressing rooms at Forest Arts Centre are shared between all performance spaces, please discuss your requirements for dressing rooms with the venue in advance of your arrival.

N.B:- *Please discuss with the venue in advance if you have any special accessibility requirements during your visit.*

## Venue Dimensions

See accompanying scale plan.

Venue Width	17000mm
Venue Width (Between Truss Legs)	15720mm
Venue Length	36620mm
Height (height to highest point to underside of truss arches)	8240mm
Height (height to lowest point to underside of truss arches)	6450mm
Height of purlin 1 (underside)	6200mm
Height of purlin 2 (underside)	7440mm
Height of purlin 3 (underside)	8240mm
Height of purlin 4 (underside)	8240mm
Height of purlin 5 (underside)	7440mm
Height of purlin 6 (underside)	6200mm
Height (to underside of end lower trusses)	5200mm

N.B:- *Purlins are the box truss that links the main truss arches in the roof.*

## Stage facilities and equipment

01	Black theatre drapes (to divide the room, fits any truss arch)
04	Load Guard BGV D8+ 1000Kg Chain Motors
01	Guardian G-Pro: LV8 Motor controller
01	Guardian G-Pro cabled remote
08	3m Tri cord truss
04	Flat 90 degree truss corners
01	Genie GS - 2632 Scissor Lift
01	Genie GR20 VPP

## Additional Stage Information

- a) Multiple Stage and Seating arrangements available, please contact the venue to discuss and finalise options.
- b) Access equipment may only be used by trained persons holding a valid licence, please contact the venue to discuss this.

# Lighting

The auditorium is equipped with a fixed LED lighting rig that comprises of a mixture of profile and wash moving lights, plus cob led par cans. The control system for the auditorium is an Avolites Tiger Touch 2 lighting desk. The rig is controlled via four universes of Wireless Solutions wireless DMX. A portable control rack houses the necessary wireless dmx transmitters which are fed by 4 x 5pin DMX cables. Each of the moving lights has an OEM Wireless Solution receiver card built in and the Led Pars are connected with DMX cable to one Wireless Solutions wireless DMX receiver in the rig. The wireless DMX allows the lighting desk to be operated form anywhere in the auditorium without the need for long DMX control cables.

## Dimming and Control

- 01 Avolites Tiger Touch 2
- 01 Avolites Tiger Touch Fader Wing

N.B:- *There is no dimming in this auditorium.*

## Lighting Equipment

See accompanying lighting plan

- 40 Prolights Studio COB FC - LED COB Pars
- 34 Prolights diamond 19 CC FC - Wash Moving Lights
- 11 Prolights Luma1500SH - Shutter Profile Moving Lights

## Atmospherics

- 02 MVS Hazer

# Sound

The auditorium is equipped with a full range PA system consisting of No 10 x EV passive full range speaker and No 4 x EV subs with corresponding amplifiers. Control is via an Allen & Heath Qu32 digital sound desk with digital audio snake. A second stage box can be linked off the first stage box.

The system's full range speakers can be moved between truss arches 3, 4 and 5 on the left and right upright legs of the arches at a height of 2650mm. The subs are located on the left and right at the bottom of truss arch 4. The sound desk is located and powered from the control balcony with a dedicated ring main. There is a cat 5 tie line located by the bottom of truss arch 5 on the left hand side of the hall.

## Sound Equipment

- 01 Allen & Heath Qu32 Digital Sound Desk (32 local mic inputs & 10 mix outputs)
- 02 Allen & Heath AB168 digital audio rack (16 mic inputs & 8 mix outputs)
- 10 EV EVF 1122S/64 Full range speakers
- 04 EVF 1151S Subs
- 05 Q1212 amps (feeding main speakers)
- 02 Q66 amp (feeding subs)
- 01 EV DC-One Digital sound system processor

## Radio Mic Frequencies

A Licence for channel 38 radio microphones is held by Forest Arts Centre. Please discuss requirements and any radio microphones you may need to bring onto site as other events that also need radio microphones may be happening in other spaces in the arts centre.

## Projector/A.V

The AV system consists of the three projectors semi-permanently rigged in a cluster in the centre of arch 5. There are 3 projection screens that can be moved and rigged from the grid when necessary. There are 3 controllable cameras. One is located on the control balcony, one located on the left upright truss support for arch 3 and one located on the right upright truss support for arch 3. All cameras are rigged at a height of 3200mm. The system has a sophisticated control system that allows any of the camera inputs to be sent to any of the projectors along with inputs from external sources such as, HDMI, VGA or SDI. The cameras can pan and tilt which is also controlled from the balcony control position.

## Projector/A.V Equipment

- 03 Christie DWX851-Q 7500 Lumen Projectors with the following lens options
  - 01 1.6 - 2.4 WUXGA
  - 01 1.7 - 2.6 WUXGA
- 03 Flatmax 5000mm x 2810mm Wide screen fixed frame fabric projection screens 16:9
- 01 Blackmagic ATEM 1ME production studio
- 01 Blackmagic ATEM 1 Broadcast Manel
- 03 Data Video PTC-120 HD Cameras

## Power

- 02 32a single phase supplies which supply 16 x 16a C-form sockets, one located by each truss arch leg with a further two on the back wall.
- 02 63a single phase supplies which supply 16 x 62a C-form sockets, one located by each truss arch leg with a further two on the back wall.
- 02 32a 3phase supplies which supply 16 x 32a C-form sockets, one located by each truss arch leg with a further two on the back wall.
- 02 63a 3phase phase supplies which supply 16 x 63a C-form sockets, one located by each truss arch leg with a further two on the back wall.
- 04 32a single phase sockets located on the control balcony (please note that the 4 sockets are protected by a 63a single phase main breaker and then individually by 32a breakers so max current draw across the 4 sockets is 63a)
- 02 32a Ring main with 16 X twin 13a sockets on the control balcony dedicated for lighting
- 03 32a Ring main with 8 X twin 13a sockets on the controls dedicated to sound
- 01 32a Ring main with 16 X twin 13a sockets at low level in the auditorium spread across either side.

## Health and Safety

All visiting companies must provide a risk assessment and safe system of working at least two weeks in advance of the production.

Forest Arts Centre has the right to stop, postpone, cancel or remove any event, activity, equipment or persons if it feels it is unsafe and poses a risk that is not being adequately controlled.

All visiting companies wishing to use the Genie access platforms must provide copies of valid licences prior to arrival.

All visitors will be inducted to the venue by a member of the Forest Arts Centre staff who will give a verbal induction covering the following points:

- a) Fire alarms and evacuation
- b) First Aid procedure
- c) Accident reporting
- d) Welfare facilities
- e) General house rules