

Stafford Gatehouse Theatre  
Eastgate street, Stafford ST16 2LT  
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## Facilities & Technical Specifications

**Website:** [www.staffordgatehousetheatre.co.uk](http://www.staffordgatehousetheatre.co.uk)

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## Facilities

### The Gatehouse Theatre

#### Capacity

- 541 From Row B
- 475 From Row E
- Stage capacity 90
- Working stage area:  
9750mm x 8002mm (32ft x 26ft)

#### Facilities

- 2 Large dressing rooms
- 2 Small dressing rooms
- Full stage lighting
- Full theatre sound system
- Three phase power to stage/200 amps per phase/63 amp single phase
- Barco 2k Digital Projector
- 26ft by 14ft (7924mm x 4267mm) Screen
- Orchestra pit 3m x 9m in 3m x 1m sections
- Air ventilation system

### The MET Studio

#### Capacity (Raked seating and flat floor)

- 150 Comedy/Cabaret
- 116 In the Round
- 110 End Stage

#### Stage Size

- Size according to layout

#### Facilities

- 2 Dressing rooms
- Full stage lighting
- Full theatre sound system
- Air ventilation system

### **Get in**

Access to the rear of the building (Space for 1 van and 2 cars. Please contact the Tech department if your requirements exceed this). Get-in via lift from back yard (lift dimensions 2.5m x 2.4m x 2m WLL 1000kg) or up the main stairs for larger items of set through a set of double doors - 1.2m wide x 2m high.

### **Stage**

Proscenium Width 9.5m – 12m 10.5m (Optimum)

Proscenium Height 4.8m (Optimum)

Performing area 9.75m x 8m

Height to Grid 10m

### **Flying/Lifting:**

22 x 4 line hemp sets (125kg limit)

Bar Width – 11m

7 x winches (250kg limit)

1 x Hall's Tab Track

Bar/Bi-lite Truss Width 11m

1 x power bar (500kg limit)

### **Stage/Rigging/Equipment**

10 x Prolyte 2m x 1 Decks- (Various legs for Risers 150mm – 200mm)

4 x Tank traps/stage Booms

11m Advance Truss 120kg Capacity

H30v Truss Various lengths

Full loose rigging kit – Span-sets/shackles

Zarges 4.14m – 9.7m

### **Drapes/Masking**

6 X Booked Serge Masking Flats, 3 per side.

Blue House Tabs, drawn not flown from stage left.

6 x Black Serge Borders 11m x 1.8

6 x Black Serge Legs 4.7m x 1.8m

1 x Full Black

1 x pair of velvet Tabs (No:1 Tab Track)

1 x Snowbag

### **Orchestra Pit**

27 square metres, 9m x 3m. Decks are removed in the auditorium to create an orchestra pit.

Loss of Seats: 70. Selling from Row E: 475 capacity.

### **Stage Thrust**

2m x 1m Prolyte Decking on adjustable legs, raised up to the same height as the stage to create a stage thrust.

**Lighting**

ETC Ion Desk, Software version 2.6.4 , operated from Control Room at rear of auditorium.  
112 dimmers, 107@ 2.5kw and 4 @5kw.

200A, 3 phase supply available on stage left. Standard Rig Plan is at the bottom of this Tech Spec. ***Our lighting is now fully LED. Please see lighting equipment list for details.***

**Sound:**

PA: KV2 Sound system using Yamaha LS9 32 desk  
*Please see sound equipment list for details.*

**Projection:**

Barco DP2K-10S, 2K Digital Cinema Projector, positioned in the control room at the back of the auditorium. 5.1 Dolby surround sound. Perforated screen on stage (10m x 5m).  
Cat5/HDMI runs to stage from Projector.

**Stage Management**

Prompt corner Stage Left with 12 Outstation Cue light system. 8 way Tech pro Comms headsets (including 4 Altair wireless). Show relay/tannoy Dressing Rooms & FOH calls; Show Relay Camera **Backstage**

4 x dressing rooms (2 big and 2 smaller) access by rear of stage, female and male toilets with shower and wash facilities.

Crew room with kitchen facilities.

Laundry Room, washer & dryer, ironing boards and irons.

## **Lighting Equipment List Main Theatre– January 2019**

### **INTELLIGENT LIGHTS RGB/LED LIGHTING**

**Moving Heads**

2 x Philips Showline LEDSPOT300

2 x Philips Showline 300FX wash

3 x Chauvet Rogue 2 Wash

2 x Chauvet LED 419Z LED Wash

**Profiles**

8 x ETC Lustre 2

18 x ETC Colorsource Spots

9 x ETC Source Four Zoom 15-30 Degree lens tube (Black)

4 x ETC Source Four Zoom 25-50 Degree lens tube (Black)

4 x ETC D40 25 Degree Round Field Lens in Frame

4 x ETC D40 35 Degree Round Field Lens in Frame

4 x ETC D40 45 Degree Round Field Lens in Frame

8 x ETC 19 degree EDLT fixed lens tube

6 x ETC 26 degree EDLT fixed lens tube

2 x ETC 36 degree EDLT fixed lens tube

**LED/RGB Fresnels**

14 x Spotlight Fresnel LED 200 -Tungsten balanced - Pole Operated  
7 x Spotlight Fresnel LED 150 RGB

**RGB PARS**

6 x Prolight Studio COB PlusFC  
5 x ETC Colorsource PARs with diffusers  
30 x Chauvet Quad 18 LED RGBA Pars  
20 x Chauvet RGBW LED Birdies

**RGB LED Battens**

6 x Chauvet Colorado 144 RGBWA LED Batten

**GENERIC LIGHTS**

There is a very small stock of generic fixtures, please contact for info.

**Lighting Equipment List – November 2021**

**PARs**

8 x Source 4 PARs  
16 x PAR 64 CP 60/61/62/EXG  
2 x Showtec Molefay 4-lite Blinders

**FX Lighting/Equipment**

1 x Look Solutions Unique 2.1 Hazer  
2 x Chauvet Cumulus Low-Lying Fog Machine  
2 x Chauvet Geyser Smoke Machine  
1 x Mirror Ball over auditorium  
5 x Mirror balls – various sizes  
1 x Chauvet Hurricane 1300 Smoke Machine  
1 x Floor-standing Industrial Fan  
1 x Star Cloth

**Follow Spots**

2 x Robert Juliat Super Korrigan Follow Spots

**CABLE AND DISTRO**

15A 2m/5m/10m/20m  
Number of Grelcos  
16A 2m/5m/10m/20m  
32A 2m/5m/10m/20m  
63A 10m/20m  
POWERCON various lengths  
3pin/5pin DMX 2m/5m/10m/20m + Terminators  
CAT 5/5e/6

**DESKS AND DATA**

2 X ETC Ion Consoles  
1 x Chauvet Net-x Node  
3 x Chauvet DMX 5-Port Splitters

## Sound Equipment List – November 2021

### **PA – Main House (Gatehouse)**

KV2 PA - 4x ES1.0 Mid-High Cabinets  
KV2 ESD6 – Front Fills if requested  
4x ES2.5 Subs  
4x EPAK 2500R Amplifiers  
Yamaha LS-9 32 Mixing Desk (operated from rear centre of auditorium)  
48 input and 14 return multicore runs from desk to stage  
24 in and 6 return accessible SL wing  
48 in and 14 return accessible SR wing  
24 in and 6 return accessible from Orchestra Pit  
32 Amp Single Phase Sound power available from SL  
63 Amp Single Phase Sound power available from SR  
2 x QSC HPR122i Powered Monitor Speakers  
6 x RCF 715-A Powered Monitor Speakers

### **Sound Desks**

Yamaha LS9-32  
Yamaha LS9-16  
Yamaha MG206  
Behringer X32 Compact

### **Amplifiers**

2 x Yamaha P5000S  
2 x Yamaha PX5  
1 x QTX QA400  
1 x HH MX500  
1 x HH VX450

### **Passive Speakers**

4 x KV2 ESD6 (Front Fill)  
3 x JBL Control 5

### **Powered Speakers**

2 x RCF 715-A Powered Monitor Speakers  
3 x RCF 312-A Powered Monitor Speakers  
2 x RCF 712-A Powered Monitor Speakers (MET Studio)

### **Radio Mics**

24 Way Sennheiser EW500 G3 System  
15 x Sennheiser EW500 G3 Belt Pack Transmitters  
3 x Sennheiser E945 EW500 G3 Hand Held Microphones  
3x Sennheiser IEM Recievers

**Cabled Mics**

- 9 x Shure SM58
- 2 x Shure SM58 Switchable
- 2 x Shure 55SH
- 8 x Shure SM57
- 1 x Shure Beta 87A
- 1 x Shure Beta 52A
- 1 x Audix D6
- 1 x Sennheiser E604
- 1 x Sennheiser E614
- 2 x AKG C414
- 2 x Audio Technica AT4040
- 2 x Audio Technica Pro 45
- 1 x Audio Technica Pro 35
- 1x Sennheiser E908
- 1x Calrec CB21C
- 1x AKG D202
- 2 x AKG D321
- 3 x PD35

**Accessories**

- 6 x Dbx dB10 Passive D.I. Box
- 1 x Behringer Ultra-DI DI20 Active Stereo D.I. Box
- 2 x Behringer Ultra-DI DI100 Active D.I. Box
- 1 x MTR DI-3 GT Active D.I. Box
- 2 x Numark MP102 CD Players
- 1 x Numark MP103USB CD Players
- 1 x Numark Twin CD Player

**THE MET STUDIO**

**Get in**

Access to the rear of the building (space for 4 vehicles.

Get-in via back yard through a set of double doors - 1.2m wide x 1.8m high.

**Seating**

In January 2022 the seating system will be a retractable bench seating system capable of seating 114 persons.

**Stage**

Max stage Width 8.5m (End stage)

Max Depth 5m (End Stage)

Height 3.8m (to Lighting Grid)

Performing area 8.5m x 5m

Height to Grid 3.9m

**Flying/Lifting:**

No flying is available however light-weight scenery can be hung from the movable Truss Grid.

**Stage Equipment**

Zarges 3.57m – 8.6m

**Drapes/Masking**

4 x Black Serge Legs 4.6m x 3.8m

4 x Black Serge Legs 4.6m x 1.8m

**Lighting**

*The lighting Grid in the MET is a flow black box truss grid. It is supported by 9 500kg motors rated to 300kg. This can be lowered to working height for rigging and soft focusing. The MET Studio lighting is part LED. Please see the theatre's lighting equipment list for details of other units available.*

**Profiles**

4 X ETC Colorsource Spots

4 x Source 4 Juniors (575w)

2 x Prelude 650 Profile

**Fresnels/PCs**

8 x Selecon Acclaim 500w Fresnels

**RGB PARS**

10 x Chauvet Quad 18 LED RGBA Pars

ETC Ion Desk, Software version 2.6.4 , operated from Control Room above the Auditorium.

30 Chilli 24 By-Pass Dimmers @ 2.5kw per channel.

**ADDITIONAL INFORMATION****PAT TESTING:**

All electrical equipment that is brought into the venue must meet with current EEC safety standards and have current PAT test certificates. This applies to both personal and professional equipment. Technical staff can withdraw any equipment that does not conform.

**SPECIAL EFFECTS:**

With regard to pyrotechnics, smoke or haze machines, dry ice, real flame, strobes, lasers, guns, cigarette/cigar smoking or the use of live animals, the Theatre reserves the right to refuse permission to use an effect/stunt.