

**NEW**

**THEATRE**

**PETERBOROUGH**

New Theatre Peterborough  
Technical Specification

February 2020

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## Address

New Theatre Peterborough  
46 Broadway  
Peterborough  
Cambridgeshire  
PE1 1RT

## Parking

78 Park Road  
Peterborough  
Cambridgeshire  
PE1 2TN

The venue has a public car park with capacity for approximately 10 cars, please provide vehicle registrations to the Technical Manager to exempt parking fines. The loading door is accessible from the car park and has approx 17m clearance - there is space for 40ft trailers.

## Contacts

### **Technical Manager:**

Ryan Watson – [Ryan.Watson@SelladoorVenues.com](mailto:Ryan.Watson@SelladoorVenues.com)

### **Head of Stage:**

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### **Head of Lighting and Sound**

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### **Theatre Director:**

Richie Ross – [Richie.Ross@SelladoorVenues.com](mailto:Richie.Ross@SelladoorVenues.com)

### **Theatre Administrator**

Anne Stringer – [Anne.Stringer@SelladoorVenues.com](mailto:Anne.Stringer@SelladoorVenues.com)

### **Hospitality Manager:**

Jozef Csendes – [Jozef.Csendes@SelladoorVenues.com](mailto:Jozef.Csendes@SelladoorVenues.com)

### **Marketing Manager:**

Jack Allen – [Jack.Allen@SelladoorVenues.com](mailto:Jack.Allen@SelladoorVenues.com)

## Capacity

Stalls: 541

Circle: 508

Wheelchair and carers: 12

Total seated capacity: 1,061

## Stage Information & Dimensions

Rake: 1:30

Height of the false proscenium = 10,000mm

Width of the false proscenium = 14,250mm

Height to the bottom of the soft border hung off false proscenium = 6700mm

Width between soft legs hung off false proscenium = 10,800mm

Height to the tab track = 7400mm

Depth of Stage = 10,238mm

SR Wing = L 5422mm x W 2930mm

SL Wing = L 5125mm x W 3740mm

Loading door = W 2814mm x H 2747mm

Overall width of Stage (loading door to SR wall) = 25,474mm

Stage height from floor = 1220mm

Distance from setting line and bar 1 = 1470mm

## Flying (no tower) & Rigging

### Downstage grid

- 13,450mm x 3580mm Truss Grid suspended from 6x electric chain hoist with load monitoring.
- 12x 13,450mm bars, running across stage at nom.240mm centres.
- The maximum load on each bar is 288kg distributed evenly.
- Max bar height is 7180mm

### Upstage Grid

- 13,450mm x 4580mm Truss Grid suspended from 6x electric chain hoist with load monitoring.
- 16x 13,450mm Bars, running across stage at nom.240mm centres.
- The maximum load on each bar is 288kg distributed evenly.
- Max bar height is 6880mm

## Advance Truss

- 12,000mm Truss suspended from 3x electric chain hoist with load monitoring.
- The maximum load on the advance truss is 1500kg distributed evenly.
- The advance truss has DMX and power installed, with cable running SL up onto the bridge. The Advance Truss is suitable for intelligent fixtures and speakers only. There is no access equipment to allow you to focus generic fixtures.

## Stage Equipment

1x Medium Tallescope  
1x 14 Rung Zarges  
2x 8 Rung A-Frames  
1x Full Stage Black  
3x W 2500mm x H 7000mm Pairs of BWS legs  
1x W 2500mm x H 7200mm Pairs of BWS legs  
4x W 1400mm x H 6000mm Hard Masking Flats  
4x W 14,000mm x H 1000mm Borders  
2x Truss Borders

The venue also has a selection of braces, stage weights, conduit, scaffold tube, various cuts of black tat. We also have an additional rigging stock, including SWR, spansets, and bow shackles.

## Orchestra Pit

The orchestra pit is located substage. It is not visible from the auditorium. There is space for up to 20 players.

## Stage Management

Our prompt desk is situated DSL.  
It has an 8-way cuelight system as well as tannoy control.  
There are 2x8" Monitors for the stage and MD position.  
The stage monitor camera is rigged on the circle front along with the infra-red camera and source.  
MD Monitors can be provided on the circle if required. Please discuss with the Technical Manager in advance.  
Show relay goes to all dressing rooms, offices and corridors back of house.

## Control Rooms

These are situated at the rear of the stalls. Please note that the control positions for LX is in the auditorium.

The sound mix positions is in the centre of the control position.

## Wardrobe

Wardrobe is located substage, there is a passenger lift (800mm(D) x 2000mm(H) x 900mm (W)) for access, alternatively there are two flights of stairs.

There are two washing machines and two condenser tumble dryers. An iron and ironing board are also available for visiting companies to use.

## Dressing Room

	Room	Capacity	Total	
Substage	Orchestra Pit/Band Room	20		Open Plan
	Wardrobe	4		Open Plan
			24	
First Floor	Dressing Room 1	4		
	Dressing Room 2	4		
	Dressing Room 3	8		
	Dressing Room 4	8		
			24	
Second Floor	Company Manager's Office	2		
	Dressing Room 5	15		Large Dressing Room space
	Green Room	15		
			32	

## Lighting

### Touring Company Power

1x 63A 3 Phase (Located USL)

1x 125A 3 Phase (Located USL)

1 x 3 Phase Power Locks (Located USR)

**Please note:** the venue does not own any portable distribution units, nor any 125A or 63A cabling.

### Lighting Control

1 x ETC Ion

There are two DMX lines that run throughout the building, they terminate at the following: DSL, DSR, FOH Bridge 1, Advance Truss, Circle Rail and Control Position.

### Dimming

All our dimmers are Strand EC90 Dimmer Racks.

- 18 circuits across FOH bridges
- 6 circuits across circle front
- 84 circuits at ground level on stage, servicing the grid and onstage.

### Permanent FOH LX Rig

FOH Bridge 1                    12 x 750w ETC Source 4, 24 Degree

There are 2 x Flo Follow Spots 1800W positioned on the rear gallery. These are 29.1m from front of stage.

## Profile Stock

- 14 ETC Source 4 Body
- 8 25/50 Degree Lens
- 6 36 Degree Lens
- 6 Iris for ETC Source 4

## Fresnel Stock

- 10 ADB 1Kw Fresnel

## PAR Stock

- 18 Par 64

## Intelligent Fixtures

- 6 VL2600s

## Gel

We have a large stock of gel in house, please contact us at least two weeks in advance of your event to confirm current stock and if additional gel is required.

## Sound

### Mixing Desk

The desk is a Yamaha QL5 72 Channel Mixing Console

### Sound Power

1 x 63A Single Phase (Clean Earth) (Located DSL)

### House Sound Rig

- 30 Nexo GEO M620 Stalls and Circle Cover (Nexo NX4X1 MK2 Amps)
- 4 Nexo LS18 Sub (Nexo NX4X4 Power Amps)
- 4 d&b MAX2 Wedge (d&b D6 Amp)
- 6 d&b E0 Delays (d&b D6 Amps)

### Microphones

- 4 SM58
- 4 SM57
- 2 AKG SE300B
- 2 AT4033A
- 6 DI Box
- 8 Tall Microphone Stand

### PA Wings

There are two 500kg winches either side of the stage for a PA.

## Accessibility

The circle is covered by an induction loop and the stalls are covered by Sennheiser SZI 1029 infrared transmitters, headsets etc. are available.



## Video

There are various video patches (BNC & Composite) around the venue.

**Please get in touch with the Head of Lighting & Sound to confirm the requirements.**

## Comms

1x Clear-Com PL Pro MS-232 (2 Channels)

8x 2 Channel Belt Pack

8x Heavy Duty Single Muff Headset

## Curtain

Full height manual curtain located on the false prosc. Operating position is SL.

***Please note: there is no safety curtain.***

## Health & Safety

### Smoke Machines, Hazers, Pyrotechnics, Naked Flame, COSHH, & Lasers

Please provide details of any pyrotechnics, smoke effects (including hazers) or the use of naked flames at least 14 days in advance of your event. Similarly, details of all substances falling under the COSHH regulations must be provided 14 days in advance of your event.

Details of laser location, laser power, control measurements and risk assessment must be provided 14 days in advance of your event.

We reserve the right to disallow the use of any smoke machines, pyrotechnics, lasers or effects if we deem them to be unsafe, or insufficient notice has been given. The fire panel must be disabled before the use of smoke machines or pyrotechnics - please confirm with the Technician/Duty Manager on the day of your event before using them to avoid evacuation and potential delays to your event.

### Flying & Rigging

All riggers must be competent and experienced, and must carry their own Public Liability Insurance. All work must be carried out to current guidelines and legislation. All points must have independent, fire resistant, suitably rated safeties - the use of zip ties as a substitute is not allowed. The venue can provide safeties at a cost per point. The Technician/Duty Manager may disallow rigging at their discretion.

### Electrical Equipment

All electrical equipment brought to the venue must be in good condition, as inspected by a competent individual. RCD protection must be present on all distribution outlets. Equipment and staff must comply with the Electricity at Work Regulations 1989, particularly with regard to the testing of Portable Appliances. The Technician/Duty Manager may test equipment or disallow the use of equipment that is deemed unsafe.

### Drapes, Backdrops & Scenery

This venue does not have a safety curtain - please ensure any scenery, drapes and backdrops are fire resistant to the appropriate level. We reserve the right to perform controlled flame tests and to prohibit the use of materials that we deem unsafe.

### Control of Noise at Work Regulations 2005

As per the guidelines laid out in the Home Office guide to Safety and Welfare at Pop Concerts, we reserve the right to monitor sound levels and to reduce the sound level if we deem it necessary; this includes during non-show times.