

**NEW**  
**THEATRE**  
**PETERBOROUGH**

New Theatre Peterborough  
Technical Specification

Updated - November 2022

# Contents

Address .....	4
Parking .....	4
Contacts.....	4
Capacity .....	4
Stage Information & Dimensions .....	5
Flying (no tower) & Rigging.....	5
Downstage grid.....	5
Upstage Grid.....	5
Advance Truss.....	5
Stage Equipment .....	6
Orchestra Pit.....	6
Stage Management .....	6
Control Rooms .....	6
Wardrobe .....	6
Dressing Room .....	7
Lighting .....	7
Touring Company Power.....	7
Lighting Control .....	7
Dimming .....	7
Permanent FOH LX Rig .....	8
Profile Stock .....	8
Fresnel Stock.....	8
PAR Stock .....	8
Intelligent Fixtures.....	8
Gel.....	8
Sound .....	8
Mixing Desk.....	8
Sound Power .....	8
House Sound Rig .....	8
Microphones .....	8
PA Wings.....	8
Accessibility .....	9

Video ..... 9

Comms ..... 9

Curtain ..... 9

Health & Safety ..... 10

    Smoke Machines, Hazers, Pyrotechnics, Naked Flame, COSHH, & Lasers ..... 10

    Flying & Rigging ..... 10

    Electrical Equipment ..... 10

    Drapes, Backdrops & Scenery ..... 10

    Control of Noise at Work Regulations 2005 ..... 11

## **Address**

New Theatre Peterborough  
46 Broadway  
Peterborough  
Cambridgeshire  
PE1 1RT

## **Parking / Stage Door**

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.

There are 5 spaces available to each company at no charge. Any further are payable at the car park machine (CASH ONLY).

The loading door is accessible from the car park and has access for 40ft Trailers. One trailer may be left on site with prior notification to the Technical Manager.

## **Contacts**

### **General Manager**

Jag Singh – [Jag.Singh@SelladoorVenues.com](mailto:Jag.Singh@SelladoorVenues.com)

### **Technical Manager**

Martin Smith – [Martin.Smith@SelladoorVenues.com](mailto:Martin.Smith@SelladoorVenues.com)

### **Senior Technician**

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### **Box Office Manager**

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### **Operations Manager**

Teresa Patchett – [TPatchett@SelladoorVenues.com](mailto:TPatchett@SelladoorVenues.com)

### **Content Manager**

Natalie Phillips – [Natalie.Phillips@SelladoorVenues.com](mailto:Natalie.Phillips@SelladoorVenues.com)

## **Capacity**

Stalls: 541  
Circle: 523  
Wheelchair and carers: 12  
Total seated capacity: 1,076

## **Stage Information & Dimensions**

Please note our setting line is the front of the fore stage.

Rake: 1:30 (1.7 Degrees)

Height of the false proscenium = 10,000mm

Width of the false proscenium = 14,000mm

Height to the valence hung off false proscenium = 6700mm

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

Height to the tab track hung off false proscenium = 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 auditorium floor = 1220mm

Distance from setting line and bar 1 = 1487mm

## **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.
- The maximum CPL per 3m bay is 72kg.
- 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.
- The maximum CPL per 3m bay is 72kg.
- 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 Genie AWP30S (IPAF REQUIRED)  
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, span sets, and bow shackles.

## Orchestra Pit

The orchestra pit is located substage. It is not visible from the auditorium. There is space for up to a maximum of 15 players.

## Stage Management

Our prompt desk is situated MSL.

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

The LX control position is in a closed control room with an open window.

The sound mix position is in the centre of the rear stalls. Maximum size for control is 3000mm. Please note that the sound control is located within the access seating area and therefore you will be operating next to patrons. (This position is shared with LX if required aswell)

## Wardrobe

Wardrobe is located substage. For access, there is a passenger lift. The lift doors measure 2000mm (H) x 900mm (W)), 2040mm (D), 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.

Please note there is no running water/sink located substage.

## Dressing Room

	Room	Capacity	Total	
Substage	Orchestra Pit			Open Plan
	Wardrobe	2		Open Plan
First Floor	Dressing Room 1	4		Toilet & Shower
	Dressing Room 2	4		Toilet & Shower
	Dressing Room 3	8		2 Toilets & Shower
	Dressing Room 4	8		2 Toilets & Shower
			24	
Second Floor	Dressing Room 5	10		No En Suite Facilities
	Dressing Room 6	10		No En Suite Facilities
	Company Office			Access through DR6
	Green Room	10		
			30	

## Lighting

### Touring Company Power

1x 63A 3 Phase (Located USL)

1x 125A 3 Phase (Located USL)

1 x 400A 3 Phase Power Locks (Located USR)

Power Distro – 63A/3 Input –

Output – 32/3 Phase, 12x 16A 240V, 6x Female Socapex

Cable – 10m 63A/3, 5m 63A/3 & 5m 32A/3

### Lighting Control

1 x ETC Ion

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

### Dimming

All our dimmers are ETC ColorSource ThruPower.

- 21 circuits across FOH bridge
- 6 circuits across circle front
- 78 circuits at ground level on stage, servicing the grid and onstage.

## **Permanent FOH LX Rig**

FOH Bridge 1            12 x 750w ETC Source 4, 15/30 Degree

### **Profile Stock**

- 6x ETC Source 4 26 Degree
- 6x ETC Source 4 25/50 Degree

### **Fresnel Stock**

- 18x 1Kw Fresnel (not all with barndoors)

### **PAR Stock**

- 20x Par 64 (CP62)

### **Follow Spots**

- The venue has 2x Robert Juliat Marius 1200W. Please get in touch with the Technical Manager to confirm recharges and availability.

### **Gel**

We have a 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 QL1, with a 32 in and 16 out RIO.

### **Sound Power**

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

1 x 32A Clean Earth Single Phase (Located MSL)

\*Please note that the 63A is unavailable if you are using the house PA System.\*

### **House Sound Rig**

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

### **Microphones**

- 4x SM58
- 4x SM57
- 6x Mono DI Box
- 8x Tall Microphone Stand

## **PA Wings**

There are two 500kg hoists either side of the stage for a PA. Please confirm your requirements for the use of the hoists at least two weeks in advance of your arrival.



## **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 Technical Manager 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 DSL.

**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.

### **Weapons**

Any production containing weaponry i.e. Guns, Swords, Knives etc, the Technical Manager must be notified of this a minimum of 14 days prior to your event and all necessary certifications and licenses are to be sent across at this time aswell.

This is to ensure that all relevant authorities are notified and any permits are in place for your event(s).

### **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.