



## TECHNICAL SPEC Leeds Grand Theatre

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The technical department looks forward to working with you and wishes you every success. Please do inform us via the duty technician of any extra calls or hours. We would also like to remind you that only visitors authorised by the duty technician are permitted onto stage.

## Stage details

Proscenium Width:	9.25m x Height 8.23m
Stage Width:	22.01m x Depth 14.84m
Rake:	1 in 22
PS Wing Width:	3.76m
OP Wing Width:	3.66m

## Flying

Fully mechanised computer aided flying system:

Flying bars:	62
Safety Curtain to Bar:	59mm
Depth:	12.05m
Between Fly Floors Width:	14.66m
Stage to Grid Mean Height:	21.00m
Stage to Fly Floor Underside:	8.50m
Flying Bars Mean Height:	21.00m
Length:	13.86m
Cradle Capacity:	800kg
Barrel [pipe]centres:	18cm

## Storage

Back Dock:	70m <sup>2</sup>
Side Dock:	95m <sup>2</sup>
Get-in Dock:	40m <sup>2</sup> approx.
Scenery get-in bridge:	144m <sup>2</sup>

It would make your time much easier if we could have a hanging plot and fly cue sheet in advance so we can do some pre-programming. Also, please plan a cue-to-cue before the first show so we can safely test the flying.

## GET-IN

### Stage area

#### Lorry lift

Hydraulic scissor lift	17.5m long x 3.9m wide
Load capacity	40,000kg, 40.092 tons

#### Back dock door

Height 6.09m x Roller shutter x Width 3.65m

#### Baggage lift

Length 2.50m x Width 0.95m x Height 2.00m

Capacity 1600kg

## Access

Genie AWP-30s	11 meters
Zarges	14 rungs
	10 rungs
	8 rungs
	6 rungs x2

A number of other sets of various-rung step ladders.

## POWER

### Power supply

Located in touring Panel DSL

1 x 3 phase	400amp per phase power locks
2 x 3 phase	125 amp
1 x 3 phase	63 amp
2 x 3 phase	32 amp
2 x single-phase	63 amp

Located in touring Panel MSR

1 x 3 phase	400 amp per phase power locks
2 x 3 phase	125 amp
1 x 3 phase	63 amp
2 x 3 phase	32 amp
2 x single-phase	63 amp

Located in touring Panel Stage Right Fly floor

1 x 3 phase	250amp per phase power locks
2 x 3 phase	125 amp
1 x 3 phase	63 amp
2 x 3 phase	32 amp
2 x single-phase	63 amp

Sound clean feed Panel MSL

1 x single phase	63 amp
1 x single phase	32 amp
1 x single-phase	16 amp

# LIGHTING

## Lighting control

ETC Ion in PS rack, Ion XE at FOH control position at the back of stalls when needed. All main data runs run Cat5 from Dimmer room to all facility panels, we have three data racks as follows:

### **Dimmer Room**

Main DMX data patch bay

2 x Swisson 8 Port gigabit ethernet switch

1 x Swisson 8 port ethernet DMX node

2x Swisson 2:8 DMX splitter & RDM hub

### **Stage Left**

1 x Swisson 8 Port gigabit ethernet switch

1 x Swisson 4 port ethernet DMX node

1x Swisson double 5 port DMX & RDM splitter (5pin)

### **Stage Right**

1 x Swisson 8 Port gigabit ethernet switch

1 x Swisson 4 port ethernet DMX node

1x Swisson double 5 port DMX splitter (5pin)

## Follow spots

Balcony Spot Box - 2 x Robert Juliet Victors 7°/14.5° 1800w

## Standard FOH lighting rig

- 6x ETC Source 4 14° Slips SL
- 6x ETC Source 4 14° Slips SR
- 12x ETC source 4 15°/30° Balcony Front
- 12x ETC Source 4 25°/50° Proscenium Booms
- 2x Strand Cantata Fresnel's Box Front SL
- 2x Strand Cantata Fresnel's Box Front SR
- 4x ETC Source 4's 26° Box Front SL
- 4x ETC Source 4's 26° Box Front SL

## Additional lanterns

- 48x Par cans CP62
- 16x Selecon Lui floods
- 24x Selecon Roma Fresnel's
- 12x ETC source 4 25°/50°
- 4x ETC source 4 14°, 4 x 36° Lens tubes

Socapex and IWBs with 16A TRS all available on request

## Effects

Unique 24/7 Hazer and fluid + JEM AF1-mk2 Fan

## Rigging

FOH Truss: 4 motors, 9m span ideal (10m at a push) SWL 4000kg

Balcony Front: SWL 50kg all bars, centre bar SWL 120kg

Dress, Upper and Balcony Fronts: The SWL of the circle front rigging is 50kg Per Bay, with a maximum capacity of 1000kg. If a higher point load is required, we can increase up to 90kg; however, the adjacent bays will not be available for use.

Box front rigging SWL is 100kg evenly distributed.

Surround bars on each level: SWL of 10Kg/m with a max point load of 10kg.

Delay Bars on Stalls Dress and Upper: SWL 20Kg/m with a max point load of 20kg.

Proscenium Booms: SWL 500kg

## SOUND

The theatre has no in-house PA but if you require the use of one, we will hire it in at an agreed cost for any production. We use Pro Audio Systems, Bradford.

### Stock drapes

2 Full Black Tabs:	13.7m x 9.00m
1 Set Half Tabs:	9.15m x 9.15m
6 Black Serge Borders:	13.70m x 4.60m
1 House Border:	13.70m x 3.60m
7 Pairs Black Serge Legs:	9.00m x 4.50m

### Orchestra pit

Normal Pit area:	45m
Largest Pit area:	80m [4 seating rows out]
Accommodation:	25-75 musicians
Band Rooms:	1 Male, 1 Female
Floor to Stage:	1.92m

### Pianos

On stage:	Kawai Baby Grand
Board Room & Studios:	Upright

## BACKSTAGE FACILITIES

13 Dressing Rooms

76 Dressing Spaces

12 Showers

All dressing rooms incorporate wardrobes, hanging units, full-length mirrors, carpet, luggage racks, hand basins, dressing tables with mirrors, lights, 13amp and shaver sockets, light switch, vanity cupboard, pin board, drawers, wig shelf and secure cupboard with hasp to take personally owned padlock (for hand luggage).

### 2<sup>nd</sup> floor

Conductors Room with shower

Orchestral Leaders Room

Band room for max 22 Females with lockers

Band room for max 48 Males with lockers

Separate Male and Female Toilets

Wigs room

Dressing Room No 4: 5 persons

### 3<sup>rd</sup> floor

Co Manager's Office: 3 persons with phone

Dressing Room No 8: 3 persons

Dressing Room No 7: 5 persons

Dressing Room No 6: 2 persons, ensuite toilet

Dressing Room No 5: 8 persons, ensuite facilities

Separate Accessible Toilet/Shower Room

## 4<sup>th</sup> floor

Dressing Room No 13:	8 persons
Dressing Room No 12:	4 persons
Dressing Room No 11:	5 persons
Dressing Room No 10:	15 persons, ensuite toilet
Dressing Room No 9:	4 persons

Separate Male and Female Toilets/Shower Rooms

## Other facilities

### The Grand Studios

Located in the basement, Harrison Street

1 x soundproof, mirror-lined room, must be booked by prior arrangement.

### Floor finish

Sprung timber dance

### Dimensions

10.77m x 14.46m x 5.23m

### Furniture

190 padded chairs

25 tables 60cm x 60cm

18 interleave links 120cm x 60cm

1 upright piano and stool

### Fittings

Toilet/cloakroom

**Power supply**

16 x 13amp sockets

**Lighting**

Fluorescent overhead

## THEATRE RULES

1. SMOKING is strictly prohibited throughout the Theatre.
2. PETS shall not be brought into the Theatre without the consent of the Resident Manager and then only for performance purposes.
3. VISITORS at the Theatre not employed by the Visiting Manager may not be admitted onto the stage or be permitted to go backstage by the Visiting Manager without permission from the Resident Manager and then only to the Backstage Green Room, after being signed in at the Stage Door by an employee of the Visiting Manager and signed out on departure.
4. ADVERTISEMENTS of any nature whatsoever may not be exhibited on any scenery or effects carried out or used in the Production.
5. NO ARTICLES shall be THROWN from the stage into the auditorium at any time.
6. VACATING OF DRESSING ROOMS shall take place no later than 45 minutes after curtain-down following each Performance.
7. CLOSURE OF THE THEATRE will take place at 11pm following each Performance unless prior arrangements have been made between the Visiting Manager and the Resident Manager.
8. NO COLLECTIONS of monetary value will be allowed without the Resident Manager's written approval.
9. NO OUTSIDE SHOW OR PARADE shall be made except with the approval of the Resident Manager.
10. RECORDING AND BROADCASTING RIGHTS. The parties to this Agreement agree that save as set out in the Deal Memo neither will grant any right of facilities for broadcast or recording by television, radio, film or video of the production contracted or any part thereof prior to or during the Engagement Period save with the express written agreement of the other.