

# Derby Theatre



## Technical Information

### Main Stage

Derby Theatre

15 Theatre Walk

St. Peters Quarter

Derby

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## Introduction

Please note that Derby Theatre abides by the TMA/BECTU Code Of Conduct for Get-Ins, Fit-Ups and Get Outs and expects Visiting Companies to do the same.

Technical Requirements and a lighting plan must be received at least two weeks before you visit, otherwise a pre-rig cannot be guaranteed.

Please inform us at least three weeks in advance if your performance uses Strobe lighting, Naked flames, Pyrotechnics or any other special effects or equipment. Please note that if Naked Flame or Pyrotechnics are used, we require full details on usage and copies of your Method Statement and Risk Assessments before liaising with our Fire Officer.

We may request to see PAT test certificates or conduct a visual inspection at any time. The management reserves the right to refuse any equipment being used if thought to be unsafe in anyway. Proof of test may be required. If we deem a PAT test is required, then we reserve the right to test and charge for this service.

Permission to use and advice given by Derby Theatre Production office does not constitute as legal advice. It is in the interest of your safety, the safety of your cast, company, audience, guests and Derby Theatre staff that ALL your electrical equipment is regularly checked and tested to conform to the 1989 EAW legislation (this includes lighting & sound equipment, special effects, extension leads, kettles, hair dryers, portable power tools, illuminated music stands etc...)

.Further information on electrical maintenance and portable appliance testing, can be obtained free in a booklet from : The Institute of Electrical Engineers, PO Box 96, Stevenage, Herts., SG1 2SD.

(C) – indicates that this item carries a contra charge. Please contact us for pricing

## General Information

Main Auditorium - 535 seats, single rake of 15 Rows.

The main stage has a Forestage lift, this also forms the Orchestra pit. Please inform us in advance if you wish to use the Orchestra Pit. Access is either via the substage or the Auditorium. The orchestra pit lift can be set at various heights (Further information should be sought).

**Main Stage access is via a lift. Only one side of the lift is solid. All items must be tied off before travel.**

Lift Get In height -	6000mm
Lift Floor width -	2600mm
Lift Floor Depth -	1970mm
WLL of Lift -	1500kg

Scenic items outside of these dimensions will not fit in our lift. Please contact the Production office for further information. We will not be held responsible for items not conforming to these measurements.

## Dressing Rooms

Number 1	Seats 4, with En Suite Bathroom
Number 2	Seats 4, Hand Basin
Number 3	Seats 6, En Suite Shower
Number 4	Seats 6, En Suite Shower
Number 5	Seats 4, (Company office)
Number 6	Seats 8, (Please check availability)

Additional Showers and Toilets are found off the Dressing room Corridor. Access to stage from All dressing rooms is via stairs. Please contact the Production Office to discuss further.

As part of the contract, you will be offered 4 Car Park spaces in the Theatre Car Park. Please provide Stage Door with the registration numbers when you arrive.

It is the responsibility of the visiting company manager that only 4 spaces are used.

## Dimensions

Proscenium Width (back) -	10450mm
Proscenium Width (front) -	10175mm
Proscenium height -	5635mm
Height from Stage to underside of Grid -	14855mm
Setting Line to back wall -	9500mm

Setting Line to US Counterweight bar -	8700mm
Setting Line to Front edge of Stage -	-900mm
Setting Line to DS edge of Forestage lift -	-3520mm

## **Rigging**

Single Purchase Counterweight Bars -	28
Length of Counterweight Bars -	14000mm
WLL of Counterweight Bars -	400kg UDL
Diameter of Counterweight Bars -	50mm OD

Various Strops, Shackles, Steels, chain blocks and other pieces of rigging are available, please contact the Production Office to discuss further. All our rigging is checked in accordance with Lifting Operations and Lifting Equipment Regulations 1998.

Steel deck units are also available to hire - 2400mm x 1200mm

Whilst we predominantly use Black Serge Hard masking (6000 x 2000mm) as legs, we do have various soft Black Serge legs also. Please contact the Production Office should you need the use of Soft Black Legs.

White BP screen, Cyc and Gauzes are also available. Please check with Production Office for Availability.

Full Blacks, Black Half Tabs and House Tabs are also available.

DSM operation can be from Control Room (At Back of Auditorium) or DSL. Full Q Light and Infa Red camera set up can be supplied.

## **Lighting: Control**

### **Dimmers**

2.5k Strand LD90 Dimmers -	180 Ways
5k Strand LD90 Dimmers -	12 Ways
Non Dim Circuits -	32

Strand 6 Way Dimmer (63A, 1Φ Ceeform Inlet) -	3
250A 3Φ Power-Lock Touring Power in SL Wing -	1
18 way IWB with 15a outlets. (12000mm) -	4
32a 3Φ N+E Ceeform DSR -	1
63a 1Φ Ceeform USR -	2
13a 1Φ Ceeform USR -	1
63a 1Φ Ceeform USL -	1
32a 3Φ N+E Ceeform USL Wing -	1

The stage is covered with full Working – Light and performance blue light, operated from DSL and control room.

### **Lighting Control**

ETC Eos Lighting Desk -	1
ETC Ion Lighting Desk -	1
ETC Fader Wing -	1
ETC wireless riggers remote -	1
17" Illyama Touch Screens -	2

Various lengths of 15 amp, 16 amp TRS, Scroller cable, DMX Cable and socapex are available at no extra cost.

### **Lighting: Lanterns**

#### **Profiles**

ETC Source 4 Zoom 15/30 Profile 750w (bridge 3) -	12
ETC Source 4 Zoom 15/30 Profile 750w -	18
ETC Source 4 Zoom 25/50 Profile 750w -	16
ETC Source 4 Jnr 25/50 Profile 575w -	4

ETC Source 4 26° Profile 750w -	4
ETC Source 4 90° Lens Tube for above -	3
Selecon Pacific (red Base) Profile 1k -	6
Selecon Pacific 14/35 Lens Tube (B sized Gobo) -	6
Selecon Pacific 23/50 Lens Tube (A size Gobo) -	6

### **Fresnels**

Selecon Arena Fresnel 2k -	10
Selecon Rama Fresnel 1k -	30
ETC Source 4 Fresnel 750w -	10

### **Parcans**

ETC Source 4 Par 750w -	40	
Par 64 Long Nose (CP60, 61, 62 lamps available) -	20	
Strand Beam Light 500w -	2	(C)
Selecon Lui Asymmetric Flood 1k -	10	
ADB 4 Way Asymmetric Flood -	8	

### **Intelligent**

VariLite VL770 Spot -	2	(C)
Robe ColorWash 750AT -	2	(C)

### **Scrollers**

Apollo Smart Colour 10" (Selecon 2K) -	10	(C)
Apollo Smart Colour 7.25" (Rama 1k, S4 Zoom) -	6	(C)
Apollo Smart Colour 5.25" (Source 4, Not Zooms) -	6	(C)
Apollo Smart Colour scroller PSU -	2	(C)

We stock various break ups, architectural and scenic gobo's. Please contact the production office if you have specific requirements.

All lanterns are equipped with Colour frame, Barndoors/Shutter as appropriate.

We also stock Gobo Holders for ETC source four as well as others. Please contact the production office if you have specific requirements.

Colour is not provided by Derby Theatre unless agreed in advance.

## **Effects**

MDG co2 Low Fog Machine	1	(C)
Le Maitre G300 DMX Smoke Machine/Hazer -	1	(C)
Jem ZR33 Smoke Machine -	1	(C)
Le Maitre MVS hazer -	1	(C)

## **Sound**

### **Speaker System**

D&B Audiotechnik Q7 Speaker (FOH L&R) -	4
D&B Audiotechnik QSub Speaker (FOH L&R) -	4
D&B Audiotechnik E12-D Speaker (FOH Centre) -	1
D&B Audiotechnik MAX12 Monitors -	4
EM Acoustic EM61passie loudspeaker -	2

### **Amplification / Mixing**

D&B Audiotechnik D12 Amplifier (for FOH PA) -	2
D&B Audiotechnik D6 Amplifier (for Max 12/E12D) -	3
HH V800 Amplifier -	2
Yamaha M7CL 48 Channel desk -	1
Allan & Heath Mix Wizard 14:4:2 desk -	1

## **Playback & Outboard**

Denon DN-C620 Cd Player -	2
Tascam MD350 Minidisc Player -	2
Roland Modular Rack 32 XLR in, 8 XLR out -	1
Roland Modular Rack 8 XLR in, 32 XLR out -	1
Yamaha SPX2000 Dual Channel Graphics -	1

## **Microphones & Accessories**

Sennheiser ew300 G3 Radio Microphones -	12	(C)
Transmitter packs for above system -	12	(C)
Hand Held Transmitter for above system -	2	(C)
Shure SM58 Microphone -	2	(C)
Shure SM57A Microphone -	3	(C)
Shure PGDMK6 Drum Mic kit -	1	(C)
AR133 Active BSS DI box -	6	(C)
Tall Telescopic Mic Stands -	5	
Short Telescopic Mic Stands -	5	
Audio Technica Pro 45 -	2	(C)

Various Audio cables and stage boxes are available. Please contact the Production office to discuss your requirements.

The Stage, Sound desk position (back right of Auditorium) and control room are linked via XLR tie Lines. Q lights, DMX, CANS, VGA and HDMI are also linked between Sound position and Control Room.

## Wardrobe

Top loading washer	1
Front Loading washing machine	1
Tumble dryer	1
Spinner	1
Large hot box	1
Small hot box	1

We do not supply powder

## Support / Safety

**This Technical Specification should be used as a guide only. The Venue does not guarantee the availability of any of the items listed. If you specifically require the use of any of the equipment, prior notice must be given.**

**Only water in plastic bottles may be taken onto the stage.**

### Technical Support

At all times when using the Theatres facilities, a Technician will oversee practice and use. Technic I operators for lighting, sound and rigging of shows are available on request in advance, please contact the Production Office with your staffing requirements for get -in, performance and get -out. Appointments can be made with our technical staff for visits to the theatre space depending on availability of staff and theatre.

All performance companies using Derby Theatre's theatre / auditorium must ensure and demonstrate if required that they can use and operate the theatre's equipment in a safe and competent manner. When raising and lowering counterweight sets you must make sure that it is carried out by experienced personnel and in a competent manner and that the load is correctly secured, giving an audible warning to stage workers. The load must not exceed the SWL of that particular hemp set and must not exceed the weight that the operators can safely lift. ALL counterweight bars when in a static position must be secured correctly. All scenery, props, costumes etc must conform to fire regulation standards where appropriate and that flame retardants conform to BS3119/3120 BS476 parts 5,6 & 7 (class 1 & 0). Any equipment being brought into the premises must be in a safe condition.

All rigging using ladders / Tallescope's must be conducted in a competent manner and in accordance with current health and safety guidelines. If used stationary, the tallescope must be operated by two people. If the tallescope is used moving, then it must have two people to operate. In both instances one of these people must be trained with current training course for the tallescope. The management reserves the right to control the Sound Pressure Levels of any event. Our SPL limit guideline is 103dBA, but be aware this is only a guide - If a request to reduce the Sound pressure Level at anytime is not adhered to, the management reserves the right to terminate the event and all loss of profits or costs incurred must be covered by the promoter/artist. No fire or pyrotechnics to be used during a performance without prior authorisation from the Technical Manager. It is illegal to smoke anywhere in the building (other than as part of a performance). Under no circumstance must any fire exit or fire exit route be obstructed both internally or externally. It must be the duty of the responsible person in charge of the company to make their colleagues aware of their nearest fire exit and muster point. A full briefing will be carried out by a member of Derby Theatre Staff.

Under no circumstances must equipment or cable belonging to Derby Theatre be tampered with, adapted or have its connectors removed without prior permission or consultation with the Derby Theatre Production Office.

Please contact [L.Barkes@derby.ac.uk](mailto:L.Barkes@derby.ac.uk) or [technical@derbytheatre.co.uk](mailto:technical@derbytheatre.co.uk) if you have further enquiries.

Thank you. We look forward to welcoming you to our Theatre