

The Berry Theatre

Technical Information

The Berry Theatre
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General Information

(P) = Carries extra charge for Professional companies

(H) = Carries extra charge for hirers

DIMENSIONS

AUDITORIUM 18.70m width x 14.9m length

STAGE 14.8m max width
8.3m max depth
4.78m max proscenium opening
10.22m pros maximum opening

GRID HEIGHT 9.1m
HEMP SET AT GRID 8.90m
LX BAR AT GRID 8.61m

SCENE DOCK DOORS 3.45m x 2.36 m (Height x Width)
STAGE LOAD IN DOORS 3.40m x 2.29m (Height x Width)

FLY FLOOR HEIGHT 4.75m (To under floor of gallery from stage level)
DISTANCE BETWEEN FLY FLOORS 11.41m
FLY FLOOR WIDTH 1.72m

ORCHESTRA PIT 10m x 4.0m
Pit constructed by 20 (2m x 1m) adjustable height decking modules
Configurable as:
4 Rows of seating
Flat floor stage extension

DRESSING ROOMS Dressing room x3 approximately 4x5m in size:

All dressing rooms (1,2 and 3) have en-suite toilet and shower facilities make-up counters and chairs, illuminated mirrors, power points(240v /13amp), costume rails and show relay (audio) .

Dressing room 1 is adapted for wheelchair use. It has an Iron/ ironing board and a fridge/ tea and coffee making facilities.

SEATING

THEATRE STYLE 306 maximum with rows A - T on the orchestra pit
276 without rows A - D on the orchestra pit

Lighting

LIGHTING POSITIONS

ON-STAGE	8x	6way IWB's (4 Lighting Bars) Each lighting bar consists of 10 Dimming circuits & 2 non-dim circuits
	2x	Lighting sockets 5x Dimming circuits & 2 non-dim circuits
FRONT OF HOUSE	6x	6way IWB's (3 FOH Lighting Bars) Accessed via Tension Wire Grid
AUDITORIUM	2x	Lower perches Perch L+R of Auditorium (2x Dimming, 1x non-dim circuit)
	2x	Technical Gallery Perches (5x Dimming, 2x non-dim circuits on gallery L+R)
FLY FLOOR	x2	ETC sensor rack x12 ways per rack (stage left and right)
PRODUCTION DIMMERS	2x 96x 24x	ETC Smart rack Dimmer Racks (x12 16a circuits each) 3kw Dimmed outlets 3kW Non-dim outlets
LIGHTING CONTROL	1x	GrandMa2 Ultra-Light
CONTROL ACCESSORIES	1x 1x	ETC Rack mounted Node GrandMa 2Port Node – Portable
DMX POSITIONS		DSL and DSR Fly floor L and R Technical Gallery L and R (high perch)

LANTERNS

PROFILES

12x	ETC Source Four Zoom 15-30deg (B-Size Gobo) 5 x Holders, 4x IRIS
12x	ETC Source Four Jnr 25-50deg (M-Size Gobo) 11 x Holders, 4x IRIS
6x	2k Strand Cadenza - 432

FRESNELS

26x	ADB F101 Fresnel 1200w	<i>with Barndoors</i>
6x	ADB F201 Fresnel 2000w	<i>with Barndoors</i>
6x	ADB C103 PC 1200w	<i>with Barndoors</i>

PARCANS

16x	Showtec Par64 (CP62/61/60)
16x	Thomas Par64 (CP62/61/60)
6x	Source Four Par 750w – Four Lens's available WFL, MFL, NSP, VNSP
8 x	Par 16 long-nose Birdie

FLOODS

4x	3cell ADB 1000w Cyclorama Flood
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Please note all socket outlets, IWB's and socapex is on 16amp termination.

LED Lanterns

5x	LED FLOODS: Lightmaxx Tour Pro Floods 18x 8w RGBW (more available on request)
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- 4x Altman Spectra 200 CYC floods RGBA
- 4x ETC ColourSource Pars with Deep Blue Array

CABLES

16AMP EXTENSION CABLES

- 20x 1.5-2.5m Short
- 20x 5m Medium
- 16x 10m Long
- 12x 15m Ex-Long
- 7x 16 amp 3-way splitter

- 1x Short Powercon
- 7x Medium Powercon

13AMP EXTENSION CABLES

- 8x 5m 2way 13A
- 10x 4way 1.5m
- 1x 30m 4way reel
- 10x 10m 2way 13A

63AMP 1PH EXTENSIONS

- 1x 5m
- 1x 10m

SOCAPEX MULTICORE CABLE

- 4x 3m (4 x Plug 16amp Fan-out)
- 2x 5m
- 6x 7.5m
- 4x 10m
- 3x 13m
- 3x 15m

5-Pin DMX

- 8x Short - 20x Medium - 10x Long –
- 2x Ex-long

3-Pin DMX - Provided in various Lengths

Patch cables and joiners available

JUMPERS / ADAPTORS

- 13x 16amp two-way splitters
- 7x 16amp three-way splitters
- 4x Powercon to Powercon Joiner
- 16x 16amp Plug – 15amp socket
- 8x 13amp Plug to Powercon
- 8x 16amp Plug – 13amp socket
- 4x 16amp Plug to IEC
- 10x 13amp Plug - 16 amp socket
- 10x 13amp to IEC
- 1x 13amp to IEC (Cloverleaf)
- 1x 13amp to IEC (Figure 8)
- 4x IEC to IEC Extensions
- 5X 16amp to Powercon
- 1x IEC Y Split

EFFECTS

Look Unique 2.1 Hazer (P) (H)

MISC POWER-

Additional stage electrical power is available in various locations of the venue.

- 1x 63amp TFN -3phase (Up Stage Left)
- 5x 63amp SFN -1phase (Stage Left, Stage Right, Fly Floor Gallery SR/SL, FOH Grid MSL)
- 1x 32amp SPN -1phase (Stage Right)

Red Switched 13amp outlets around venue indicate clean power.

Sound

SOUND PLAYBACK/ LIVE

MIXING CONSOLE

- 1x Roland RSS M400
- 2x Roland Digital RSS S-1608 Stage Box (1x Installed in Amp/Patch rack, 1x Portable)

SPEAKER SYSTEM

- 2x Full Range Electro-Voice ZX3-60 (FOH Left & Right)
- 4x Side Fill Electro-Voice ZX1-90 (FOH Lower Left & Right and monitors)
- 2x Martin Audio AQ212 Sub (Fixed in upper galleries)
- 2x Martin Audio F8 Backline Monitors
- 2x Genelec 8020A Control Room Monitors

AMPLIFICATION

- 3x Dual Channel QSC ISA 450 Amplifier (FOH, Fills, Stage Monitors)
- 1x Dual Channel QSC ISA 750 Amplifier (Subs)

WIRED MICROPHONES

- 4x Shure SM58
- 3x Shure SM57
- 2x Shure Beta 91 (H)
- 4x AKG SE300B (2 X CK93 Capsule) (2 x CK91 Capsule) (H)
- 1x Shure Drum Microphone Kit (1x PG52, 3x PG56, 2 x PG81) (H)
- 6x Audio-Technical Pro45 Hanging Microphone

WIRELESS MICROPHONES (H)

- 4x Sennheiser EM300 G3 Wireless Receivers (for use with handheld or belt packs)
2x Sennheiser EW335 G3 Wireless Handheld Transmitter
4x Sennheiser SK300 G3 Wireless Beltpack Transmitter with Sennheiser MKE 2-EW Gold Lapel Microphones (Black) or Headmics (Flesh pink)
- 2x Sennheiser EW D1 Receivers (For use with Handheld or belt packs)
2x Sennheiser EW D1 Beltpack Transmitter
1x Sennheiser EW D1 845 Handheld mic

FOH rack:

- 1x Tascam CD Player/Recorder
- 1x Tascam Minidisc Player/Recorder
- 1x Denon DVD/Blu-Ray Player

INTERCOM

- 6x Tecpro Belt packs & Single Muff Closed Headsets

Intercom Input Locations;

- 2x Control Room
- Auditorium FOH Entrances L+R
- DS SL+SR
- Auditorium FOH 1st Floor Entrances L+R
- US SL+SR
- 2x FOH Sound Position
- Fly Floor SL + SR
- Technical Galleries L+R

PAGING SYSTEM

Paging to backstage and dressing rooms via microphone inputs Stage Left, Stage Right and from Control room.

MISC SOUND ITEMS

- 8x Tall Boom Microphone Stands
- 2x Round Base Straight Mic Stands
- 1x Behringer Ultra D1 – D120
- 2x Mono BSS DI Box
- 1x Beyerdynamic DT100 Mixing Headphones
- 2x Speaker Stands

PROJECTION

- 1x Christie LX605 3-LCD XGA Projector (H)

ETHERNET

- 10x Short
- 4x Medium
- 2x Long
- 2x Ex-long

ETHERCON

- 3x Short
- 2x Medium
- 1x Long
- 1x Ex-Long

VGA

- 2x Short
- 2x Medium
- 4x Long

HDMI

- 4x Medium
- 4x Long

BNC – Provided in various lengths

SOUND CABLING

XLR Cables – M & F

10x	Med	4x	Speakon Cables – medium
10x	Short	4x	Speakon Cable – Long
10x	Long	2x	Speakon Cables- Ex-Long

2x	XLR to XLR snake	2x	Jack to XLR
1x	8-way XLR to Mono Jack Snake		
8x	Short Jack to Jack		
8x	Medium Jack to Jack		
5x	Long Jack to Jack		
1x	Mini Jack to Phono		
4x	Mini Jack to Stereo Jack		

Stage Rigging

FLYING FACILITIES - To Full Height of 9m

4x	Motorised Bars 400kg SWL - LX Bars
4x	Hand Winch Bars 250kg SWL Operated from SL Fly Floor
9x	Four Line Hemp Bars – 100kg SWL Operated from SL Fly Floor Maximum height of 4.6m
1x	House Curtain Winch on Track operated from Stage Level SR

PROJECTION

1x	Christie Projector 6000 Lumen (Inputs VGA, composite and DVI)
1x	Projector Front and Back screen (format 4:3 305 x 229)

DRAPES & MASKING

6x	Black Serge Book Flats (1.2 x 1.2 – 4.4m high)
3x	Black Stage Border (11m x 1.5m)
1x	Black House Header (14m x 2.0m)
1x	White Cyclorama
1x	Pair of Black Tab Travellers on Traveller Track
1x	Black Cyc (non pleated)
2x	Black Soft Legs

RIGGING

2x	Traveller Track – Split	10x	Short Doughty Boom Arms
8x	12.5kg Doughty Stage Weights		
6x	Extendable Doughty Stage Braces		
3x	Black Spanset 1Tonne - 1m		
5x	Black Spanset 1Tonne – 2m		
10x	C Clamps		
15x	Standard Boom Arms		
X8	Black 300mm Doughty boom arms		
6x	3m Booms (Black)		
4x	2m Booms (Black)		
6x	Boom Bases		
21x	H floor stands (wooden)		

STAGE

6x	Steel deck (2m x 1m) with 1ft or 2ft legs
1x	Stage Lecturn

ACCESS EQUIPMENT (to be used in conjunction with in house technician)

- 1x Tallescope
- 1x Pm Zarges A-Frame Ladder
- 1x Tm Zarges A Frame Ladder

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 notification must be given.

**Only water in plastic bottles maybe taken onto the stage.
The Management reserve the right to terminate any event.**

TECHNICAL SUPPORT

At all times when the theatre lighting and or sound equipment is in operation by any user of The Berry, a member of The Berry Theatre's Technical department will be available to assist with the installation and operation of the companies performance. Appointments can be made with our technical staff for visits to the theatre space depending on availability of staff and the theatre. Technical Operators for lighting, sound and rigging of shows are available on request in advance, please contact the Technical Department with your staffing requirements for get-in, performance and get-out.

SAFETY

All performance companies using The Berry Theatre's 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 hemp 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** hems when in a static position must be secured correctly, spare hemp **must not** be left in such a way as to constitute a trip hazard.

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).

All rigging using ladders / tallescope must be conducted in a competent manner and in accordance with current health and safety guidelines.

Under no circumstance must any fire exit or fire exit route be obstructed both internally and 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.

ELECTRICAL SAFETY

The Electricity At Work regulations 1989 (EAW) requires all portable electrical equipment to be Regularly inspected and tested to check that it is safe for use at work. This means that it is now a legal requirement that all electrical equipment used in performances and used in the set construction on site is PAT tested (Portable Appliance Test). Any equipment brought in to The Berry Theatre that in the opinion of The Berry Theatre's Technical department, does not comply with current PAT - Electricity At Work regulation will not be deemed fit for use and must not be used until the fault or faults have been corrected and it has been re-tested to meet current legal requirements. Proof of test may be required. Permission to use and advice given by The Berry Theatre's Technical department does not constitute as legal advice. It is in the interest of your safety, the safety of your cast, company, audience, guests and The Berry 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.

Under no circumstances must equipment or cable belonging to The Berry Theatre be tampered with, adapted or have its connectors removed without prior permission or consultation with The Berry Theatre's Technical staff.

Please contact theberrytechnical@eastleigh.gov.uk if you have any further enquires.
Thank you.