



Technical information

Main Auditorium

The Point
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Hampshire
SO50 9DE

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www.thepointeastleigh.co.uk

General Information

Please contact us for any other technical requirements which may not be represented on this document.

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.

P = Carries extra charge for professional companies

H = Carries extra charge for hirers

Dimensions

AUDITORIUM	13.5m x 15.5m
STAGE	12.5m max width 10.1m max depth 10.4m max proscenium opening 6m max working height - LX and Hemp bars NB. Max stage dimensions are not square due to external wall (USR). Please consult Theatre Rig Plan.
ORCHESTRA PIT	11.5m x 3m, depth 800mm – 1400mm with treads and handrails (fully retractable to substage access)
INNER SCENE DOCK	4m x 4.5m – full access to stage via loading bay (In partial use for in-house storage)
TECH STORE (SIDE OF STAGE)	3.5m x 6m - full access to stage via double doors (In partial use for in-house storage)
RSJ BEAMS	3 x 10m 240mm steel RSJ Beams (Centre/ SL/ SR, 3.6m spaced) 6.5m Height from floor to RSJ

RSJ Beams are not shown on standard rig plan. Please contact the Technical Manager if these specifics are required.

Access

Scene dock to rear of stage via external double doors - 4m height x 3.95m width

Inner dock, via loading ramp or three steps, with internal double doors - 3.25m height x 2m width

Parking outside of scene dock for 1x van, x 1 lorry OR 2x cars only

Other access is via flat ground level (no steps) via ramps and single and double doors

Dressing Rooms

GROUND FLOOR

Dressing Room 1	Max 25 people Adapted for wheelchair use En-suite toilet and shower facility adapted for disabled use
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FIRST FLOOR

Dressing Room 2	Max 30 people
Dressing Room 3	Max 20 people
Dressing Room 4	Max 20 people

All dressing rooms (1,2 and 3 and 4) have toilet facilities attached and dressing room 1 has a shower facility, make-up counters and chairs, illuminated mirrors, power points (240v /13amp), costume rails, Fridge, Kettle, Tea and Coffee provided, TV and audio show relay and Wi-Fi access.

Seating

THEATRE STYLE 316 maximum with rows A-C on the orchestra pit
262 without rows A-C on the orchestra pit

All theatre style seating is tiered, numbered and fully retractable.

FUNCTION STYLE Dinner / supper theatre = 110 seated maximum
Club / buffet = 120 seated maximum
140 x upholstered chairs
15 x 5ft (1.5m) diameter round banqueting tables

Rigging

Hemp Sets

14 x Hemp sets over stage, rated SWL 80kg - evenly distributed - with minimum two-person operation.
SWL with one-person 50kg.

- 1 x House Header/ Border Hemp (H0 - operated from Floor SL)
- 12 x 3-line hemp sets (H1 / H3-H13 - operated from Fly Gallery)
- 1 x 3-line single purchase hemp set (H2 - operated from Fly Gallery)

Flying items must be agreed by the Technical Department prior to arrival.

Rigging Equipment

Various shackles, carabiners, pulleys and ratchets available on request
Round slings available upon request

Aerial Hanging Points

Three RSJ beams run front to back of the stage space (centre/ SL/SR)
Height 6.5m Length 10m approx.
NB. These run above fly and LX bars so placement of hanging points may need consideration.

- 8 x 2 tonne beam clamps (black)
- 8 x RSJ to scaffold clamps
- Scaffold lengths various and scaffold clamps

Horizontal rigging bars running around the stage top and bottom
4 x Horizontal rigging bars 4x FOH for bracing
4 x Rigging point FOH in traps

These rigging points are for professional aerial use only. Use of this equipment must be pre-arranged with the Technical Department.

Tracks

- 1 x 10m Adam Hall single swipe tab track and pulley cord with 35x blue ST dollies
 - 1 x 10m Adam Hall single swipe tab track and pulley cord with 28x doughty dollies & 18 Hall dollies
 - 1 x 10m Adam Hall split single traveller track and pulley cord with 42x ST black dollies
- Tracks are positional on all Hemps except H0 and H2.

Masking

- 4 x 5.5m (H) x 1.35m (W) book flats (black wool serge covered, one-sided. Standard masking in place)
- 4 x 5.5m (H) x 1m (W) book flats (black wool serge covered, one-sided. Standard masking in place)

- 4 x 5.5m (H) by 2m (W) single flats (black wool serge covered, one sided)
 - 4 x 5.5m (H) by 1.3m (W) single flats (black wool serge covered, one sided)
- NB: To be used in conjunction with wall brace / not permanently in position

- 10 x Black velour soft legs (non-pleated) 6.63m (H) x 3m (W)
- 2 x Black wool serge soft legs (non-pleated) 6m (H) x 1.7m (W)
- 2 x Black wool serge soft legs (non-pleated) 5.8m (H) x 2m (W)
- 2 x Black wool serge soft legs (pleated) 6m (H) x 1.8m (W)

- 3 x Black wool serge border (non-pleated) 3ft (H) x 10m (W)
- 6 x Black wool serge border (non-pleated) 4ft (H) x 10m (W)
- 3 x Black wool serge border (non-pleated) 5ft (H) x 10m (W)
- 1 x Black wool serge house border (non-pleated) 3ft (H) x 12m (W)

Cloths

- 1 x 10m x 6m white unbleached cotton calico cyclorama (non-pleated, chain weighted)
- 1 x 10m x 6m black serge back cloth (non-pleated, chain weighted)
- 1 x 9m x 6m black sharks-tooth gauze (non-pleated, conduit pocket and 20mm conduit) (H)
- 2 x Black wool serge travellers 6m x 5m (pleated, chain weighted)

Staging

- 12 x 2m x 1m metro deck w/ handrails (H) 1ft,2ft,3ft,4ft Legs available
- 20 x 1m x 1m black decking frames and tops 0.3m high (H)
- 9 x 1m x 1m wooden decking frames and tops 0.8m high (H)
- 2 x 2ft black treads (3 steps)
- 1 x 3ft wooden treads (5 steps)

Weights and Braces

- 14 x Stage weights (12.5Kg)
- 12 x Sand bags (3.5kg)
- 4 x Double bar bags (7kg)
- 4 x 3m stage brace
- 2 x 2m stage brace
- 6 x 2m wall brace
- 6 x 3m wall brace

Access Equipment

- 1 x Small Zarges (8rung) Trade combination ladder (free standing 2part, max 3.6m /3part ladder, max 5m)
- 1 x Medium Zarges (9 rung) Trade combination ladder (free standing 2part max 4.7m /3part ladder, max 6.7m)
- 1 x Large Zarges (12 Rung) Trade combination ladder (free standing 2part max 6.1m / 3part ladder, max 8.6m)
- 1 x Large Zarges (14 Rung) Trade combination ladder (free standing 2part max 6.9m / 3part ladder, max 9.7m)

Dance Floor

We stock black, white and grey (reversible) Harlequin dance floor. The full stage is sprung wooden floor.

Lighting

Power

Independent from lighting Dimmers and stage circuit 13A ring main. Distribution board and switched sockets located upstage Left.

- X1 32A Single phase – (Rubber box break out 32A single to x6 16amp)
- X1 63A 3Phase

X1 125A 3Phase

Dimmers

- 132 x channel ETC sensor rack 3 (24x 15amp circuits 3.6K and 104 x 10amp circuits 2.4K)
- 15 x Switchable non-dim outlets - Advance 1 & 2, DSL/R, USL/R, Fly Floor, Perches, Control Room - switchable from control room
- 1 x Zero88 beta pack rack 24 channel (requires 32a 3 phase supply) (15amp sockets) (H)
- 1 x 3 channel alpha packs (15amp sockets, 5pin DMX control) (H)

Dimmable house lights DMX controlled from desk or wall panels (control room, auditorium SL/R)
The stage is covered with full working-light and performance blue light, operated from DSL.

Lighting Bars

- 6 x 9m 3-line motorised lighting bars, rated @ 250 kg evenly distributed
4 on-stage (LX1-4) and 2 front of house (ADV1/2)

- 2 x Perches (SL/ SR) with 2 x 1.5m uprights and 1 x 2.5m horizontal bar each
Please consult Rig Plan for specific details/ measurements
- 2 x Pit perches (SL/SR) 1.3m 1x upright
- 2 x Rear auditorium perches (SL/SR)
- 6 x Circuits down stage left
- 6 x Circuits down stage right
- 12 x Circuits up stage left
- 12 x Circuits up stage right

Lighting Control

- 1 x ETC Ion console
- 1 x 10 channel fader wing

- LX1-4 9m aluminium bar with 8.5m IWB and 12x 15amp sockets
- ADV1/2 9m aluminium ladder with 12x 15amp sockets
- Perches 8 x 15amp sockets and 2x non-dims (per side)

The production lighting system is via production lighting boxes each with paired outlets per channel and 5pin DMX loop. These boxes are positioned: 4 on fly gallery, 1 DSL, 1 DSR, 1 USL, 1 USR and 2 in the ceiling void dedicated to the 2 advance bars.

Lanterns

Profiles

- | | | | | |
|------|--------------------------------|-------|-----------|---------------------------------------|
| 12 x | ETC Source Four Zoom Profile | 750w | 15° - 30° | |
| 6 x | ETC Source Four Profile | 750w | 50° | |
| 2 x | ETC Source Four Profile | 750w | 26° | (7 x B size gobo holder / 3 x Iris) |
| 8 x | ETC Source Four Junior Profile | 575w | 25° - 50° | (9 x M size gobo holder / 2 x Iris) |
| 11 x | Selecon Zoomspot Profile | 1200w | 18° - 34° | (8 x A size & 4 x B size gobo holder) |

Fresnels and PCs

- | | | | |
|------|--------------------------|-------|----------------|
| 6 x | ADB F201 Fresnel | 2000w | with Barndoors |
| 23 x | Strand Cantata F Fresnel | 1200w | with Barndoors |
| 11 x | Selecon Fresnel | 1200w | with Barndoors |
| 12 x | Strand Cantata PC | 1200w | with Barndoors |

Parcans

- 25 x Thomas Par 64 long nose (black) - 3 lamps available (CP60, CP61 and CP62) (x8 half hat)
- 5 x Showtec Par 64 Long nose (black) - 3 lamps available (CP60, CP61 and CP62)
- 12 x ETC Source 4 Par (x4 half hat) - 4 lenses available (VNSP-60, NSP-61, MFL-62, WFL- 64)
- 10 x Par 16 (birdies) 50w (floor stands available)

Specials

- 1 x Robert Juliat Foxie Followspot 2000w (H) (P)
- 2 x Spotlight Blackgun UV cannon 400w (H)
- 2 x Thomas 4 cell blinder 4x500w

Gobos

- 2 x Chroma Q Size B Gobo Rotators & PSUs - for ETC Source 4 zoom

We stock various break-ups, architectural and scenic gobos. Please contact the Technical Department if you have specific requirements. (P) (H)

Effects

- 1 x Unique 2.1 hazer (DMX controlled) (H) (P)
- 1 x 40cm Mirrorball with rotator (15amp)
- 2 x Chauvet confetti cannons (DMX) fun-fetti fans (H) (P)
- 2 x Lightmaxx Spark-UP (Cold sparkler effects) (H) (P)

LED Units

- 14 x ETC Source Four Lustr2 Profiles. Fixed lens 8 x 50 degree, 6 x 26 degree, x6 25/50 lens
- 3 x ETC Source Four Lustr2 with Fresnel adapter with barn doors
- 12 x ETC ColourSource PAR 14 degree lens. Interchangeable lens option 12x 45 degree Med Round/ 12x 25 degree Narrow Round / 6x Med Oval
- 4 x Altman Spectra 200 CYC Flood RGBW
- 4 x Led floods: Lightmaxx tour pro 18x 8w RGBW
(In flight case with 4x13A-powercon 2x 5m PowerCON 2x 10m PowerCON)
- 12 x Prolights LumiPix 12Q Tour LED Battens 12x10w RGBW (in flight case with 4x 13a-powercon 3x 2.5m 3 pin PowerCON/DMX combined)
- 4 x Showtec ShowBlaze 2 Cell Blinders

Our portable dimmers and lighting equipment are used in conjunction with our other spaces so please check availability in advance with the Technical Department.

PA System

Amps

Outputs configured on desk to Main L/R, Side Fills, Front Fills and Centre Fill.

- 1 x EM Acoustics QL10 Amplifier (Main Left and Right/ Sub Left and Right)
- 1 x EM Acoustics QL6 Amplifier (Pit Infill Left and Right/ Centre Out and Down)
- 1 x EM Acoustics QL6 Amplifier (Front Fills Left and right/ Monitor Left and Monitor Right)

SPEAKERS

- 2 x EM Acoustics EMS-59 (Main L/R)
- 2 x EM Acoustics S18 Subwoofer
- 2 x EM Acoustics EMS-81X (Pit Infill Left and Right)
- 2 x EM Acoustics EMS-129 (Centre Fill)
- 6 x EM Acoustics EMS-51X (Front Stage Fills)
- 4 x EM Acoustics EMS-61 (Foldback Monitors)

SOUND DESK

Allen & Heath SQ5 Console

2x Allen & Heath DX168 Stage boxes - (1x permanently installed in Amp Rack)

Behringer X32 Full Size Console

X3 Behringer S16 (1x Permanently installed in Amp Rack)

Band Monitors for stage

6x Monitor Wedges full range (Thunder-ridge 152 15")

3x QSC RMS 1450 Amplifier (analogue) (2 channel each)

Extra PA

2 x QSC K series powered speakers and stands (1000w RMS)

(Further powered PA may be available upon enquiry)

1 x Behringer Xenyx 502 3 Channel Mixer

1 x Midas MR18 Wireless Mixer

1 x Behringer Firepower FCA1616 Digital Interface

1 x Behringer X Touch

1 x Behringer X Touch Compact

Microphones

Wireless Systems - shared between The Berry and The Point

12 x Sennheiser EW300 G3 Wireless Receiver (H)

12 x Sennheiser EW300 G3 wireless body-pack (H)

4 x Sennheiser EW300 G3 Wireless handheld Microphone (H)

10 x Lavalier microphones and clip (Black) (H)

10 x Lavalier microphones and clip (Pink flesh) (H)

16 x Professional headset microphone (Omni-directional/ pink flesh colour) (H)

Wi-fi wireless systems: shared between The Berry and The Point

2 x Sennheiser D1 Wi-Fi wireless handheld & body-pack and receiver (H)

6 x Sennheiser D1 Wi-Fi wireless body-pack transmitter and receiver (H)

2 x Sennheiser AVX Wireless Camera Body-pack and receiver (H)

Wired Microphones

5 x Shure SM58 - hand held, non-switched

1 x Shure Beta SM58 - hand held, non-switched

3 x Shure SM57 - hand held, non-switched

2 x Audio Technica Pro 44 Boundary Cardioid

2 x Audio Technica AT315b Rifle

5 x AKG C400 BL mouse (conference Mic)

1 x Shure Microphone Drum Kit Set (1x PG52, 3x PG56, 2 x PG81)

2 x AKG C1000s

2 x AKG SE 300B body

1 x (CK93 Capsules Omni-directional)

1 x (CK91 Capsule Directional)

2 x AKG C747 lectern mic

4 x AKG HM1000 Hanging Mic (C31 capsule (Cardioid)

4 x Audio Technica Pro45 hanging mic

1 x Samson CM12C hanging mic

1 x Yoga DM868

1 x DBX Reference Mic

Sound playback

1 x Mac Mini with Q-Lab

Misc Equipment

5 x Single channel DI boxes

- 1 x Dual channel DI box
- 2 x Dual channel DI box (Behringer Ultra)
- 3 x Behringer Micromon MA400 Headphone Amplifier
- 1 x Beyerdynamic DT100 stereo headphones
- 10 x Long boom microphone stand
- 5 x Short boom microphone stand
- 1x Round base short boom microphone stand
- 4 x K&M straight quick adjust stands
- 3 x Table microphone stand
- 4 x Table tripod K and M stand
- 1 x Lectern goose neck
- 3 x Doughty aluminium speaker stand
- 1 x Doughty tall speaker stand
- 4 x Millennium speaker stand
- 14 x Music stands
- 10 x Mains/battery LED clip-on lights

Tie lines from Control Room

The Stage and Technical Box are linked via XLR Ties lines

Stage Left - 13 inputs and 1 return (x2 Speakon for monitors)

Stage Right - 24 inputs and 4 returns (x2 Speakon for monitors)

9 x Tecpro comms single muff headset and 1 channel belt packs available for patching across stage/technical and fly floor areas.

Video

Projection Equipment

- 1 x NEC PA1004UL laser projector with fixed lens (10,000 lumens)
- 1 x Wahlberg DMX Projector Shutter (suits generic projector)
- 1 x Easi-rect 16:9 Projection screen rear and front (405cm x 228cm)
- 1x Easy fold 16:9 Projection screen rear and front (221cm x 124cm)

Playback Equipment

- 1 x Denon DVD Player
- 6 x BNC Tie Lines to control room (4 x DSL, 1 x ADV 1, 1 x ADV 2)
- 8 x Ethernet Cat5 patch (ADV1, 2, Flys, SL, SR)

Misc Electrical

Additional stage electrical power is available and is situated up stage. The distribution unit consists of:

- 1 x single phase 32amp outlet
- 1 x three phase 63 amp outlet
- 1 x three phase 125 amp outlet

The stage is also equipped with single phase 240v 13 amp outlets and single phase 240v 13 amp outlets with technical / isolated earth.

Technical Support

At all times when using the Theatres facilities, a Technician will oversee practice and use. 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. Appointments can be made with our technical staff for visits to the theatre space depending on availability of staff and the theatre.

Health and Safety

The Point's Management Team reserve the right to terminate any event.

All performance companies using The Point'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 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. **Only water in plastic bottles may be taken onto the stage.**

All scenery, props, costumes etc must conform to fire regulation standards where appropriate and flame retardants to BS3119/3120 BS476 parts 5,6 & 7 (class 1 & 0). Any equipment brought into the premises must be in a safe condition.

All **rigging using ladders / tallescopes** must be conducted in a competent manner and in accordance with current health and safety guidelines. If used stationary, tallescope must be operated by three people. If tallescope is used moving, then it must have four people to operate. In both instances one of these people must be trained with current training course for tallescope.

The management reserves the right to control the **sound pressure levels** of any event. Our SPL limit guideline is 103dBA but this is only a guide - If a request to reduce the sound pressure level at any time 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 Department. 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

We may request to see PAT 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 any way. 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 The Point Operational & 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 Point staff that ALL your electrical equipment is regularly checked and tested to conform to the 1989 EAW legislation. This includes lighting and 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: HSE website or The Institute of Electrical Engineers, PO Box 96, Stevenage, Herts., SG1 2SD.

Under NO circumstances must equipment or cable belonging to The Point be tampered with, adapted or have its connectors removed. Any damaged equipment should be reported immediately to technical staff.

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